LEADERS DON’T JUST KNOW THE WAY. THEY GO THE WAY.

Inspiring an ecosystem of excellence in Indian healthcare
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THE YEAR 2016
THE YEAR 2016

*Put your heart, mind and soul into even your smallest acts. This is the secret of success.*

- Swami Sivanand

The unstoppable Team Apollo, continued their sedulous efforts to enhance their performance and reaffirm their commitment to patient safety and quality care.

The Apollo Standards of Clinical Care (TASCC) embodies standardization of processes and outcomes for clinical excellence and patient safety, all across the Group Hospitals. TASCC includes our Apollo Clinical Excellence dashboards ACE 1 and ACE 2, Apollo Quality Programme (AQP), Apollo Mortality Review (AMR), Apollo Incident Reporting System (AIRS) and Apollo Critical Policies, Plans and Procedures (ACPPP). TASCC scores showed a steady increase from 310 in FY 2012-13 to 439 in FY 2015-16 for Group A hospitals, from 227 in FY 2012-13 to 289 in FY 2015-16 for Group B hospitals, and from 189 in FY 2012-13 to 236 in FY 2015-16 for Group C hospitals.

ACE 1 awards acclaimed Apollo Hospitals, Hyderabad reporting Group A parameters, Apollo Hospitals, Secunderabad, reporting Group B parameters and Apollo Hospitals, Tondiarpet reporting Group C parameters as ACE 1 Champions for 2016.

The Quality for Excellence (Q4E) Programme ensures continuous quality improvement across all of the Apollo Health and Lifestyle Limited (AHLL) platforms and centres, through its various initiatives, like Q4E Outcome Measures Programme, Q4E Surveys, Peer Audits and Accreditation standards implementation. The various initiatives for the year 2016 included implementation of the centralized platform to report all incidents online for all of AHLL units spread across India, the Q4E dashboard, which is an online dashboard wherein each centre collects and uploads the data for the specified indicators. This helps to assess the performance of each centre based on 20 measurable indicators covering Clinical...
Outcomes, Infection Control, Patient Safety, Patient Satisfaction and Medical Records.

Apollo Medical Development Programme (AMDP) attempts to harmonize the training and education requirement of the doctors working at Apollo. The training programme enables the physicians to work in teams; take and give directions; communicate effectively in speech and writing; be customer focused; evaluate; be sensitive to other points of view, other cultures and gender and provide care beyond expectation. In the year 2016, over 1400 Junior Medical Staff at Apollo Hospitals have enrolled and completed the AMDP.

Apollo Innovation and Quality Awards is a much sought after event each year, wherein each of the Apollo Hospitals showcases its innovation and ingenuity at improving patient safety and patient care. One hundred and thirty four nominations were received from 20 Apollo Hospitals in 2016. The winning teams included Apollo Hospitals, Chennai for excellence in Financial Management and Environment Conservation; Apollo Speciality Cancer Hospital, Teynampet for excellence in Clinical Services; AHLL, Hyderabad for excellence in Operations; Apollo Childrens' Hospital, Chennai for excellence in Community Services and Indraprastha Apollo Hospitals, Delhi for excellence in HR Practices.

The 6th International Patient Safety Congress was held at ITC Grand Chola, Chennai on the 21st and 22nd of October 2016. The forum was a congregation of thought leaders, patient safety experts, eminent speakers and panelists, from across the world, who enriched the audience with their experiences, knowledge and innovative practices on Patient Safety. The two day programme had a total of 30 sessions including 18 breakout sessions. IPSC was attended by over 1900 delegates from 20 countries and represented 170 healthcare organizations including clinics and government agencies. Over 170 prominent national and international speakers participated in the conference. Winners of the Asian Patient Safety Awards were given awards for best paper and poster presentations.

The 7th Transforming Healthcare with Information Technology Conference (THIT) which was India's biggest Healthcare-IT conference was also held at ITC Grand Chola, Chennai on the 21st and 22nd October 2016. The International Society for Telemedicine and eHealth (ISfTeH) requested permission to hold their 21st Annual Conference along with this conference. There was a significant increase in the overseas participation and an increased awareness about the event amongst the 20,000 members of ISfTeH from 90 countries. Over 60 Speakers from 14 countries, more than 650 delegates and 40 exhibitors participated in the conference, in addition to several hundred virtual visitors who logged in from all the continents.

In the pursuit of quality and patient safety, the number of accredited hospitals increased in the year 2016. With Apollo Hospitals, Ahmedabad, obtaining their first JCI accreditation, the total number of JCI accredited Apollo Hospitals increased to seven. With Apollo Hospitals, Indore and Apollo Hospitals, Nashik, obtaining their first NABH accreditation, the total number of NABH accredited Apollo Hospitals increased to sixteen.

Indraprastha Apollo Hospitals, New Delhi created a new Guinness World Record towards ‘Clean Hands, Healing Hands’ by roping in 1711 participants for hand sanitization relay at a ‘single location’ on 5th May 2016 (Global Hand-Hygiene Day).

The Apollo Clinical Programmes for the Medical Community, were developed to reach out and train different segments of medical practitioners, from General Physicians to Super Specialists for the management and prevention of the NCD’s in the community they serve. In order to upskill the knowledge and expertise of doctors, Apollo Hospitals conducted 187 CMEs which were attended by 11192 doctors.
On the eve of World Diabetes Day, in the month of November 2016, Apollo Tele Health Services, in association with the Landmark Group, launched a unique Diabetes Screening Programme, "BEAT DIABETES - TAKE THE TEST". Through this programme ATHS developed the capability for screening over 1300 people in a single day using Information and Communication Technology (ICT) enabled automation process integrating with Telemedicine thus showcasing scale and reach,) along with quality and patient follow up.

Apollo Tele Health Services (ATHS) became the designated healthcare provider for 164 'Electronic Urban Health Centres' across nine districts of Andhra Pradesh. ATHS would provide primary healthcare services, along with laboratory investigations at these centres through general practitioners and nurses. Patients would be able to access specialist doctors remotely through Telehealth solutions.

The Himachal Pradesh-Telehealth Services programme by ATHS has made quality healthcare more accessible for the remote population of Keylong and Kaza in the Lahaul and Spiti districts of Himachal Pradesh. In the last 24 months, this programme has delivered more than 5600 speciality and super speciality consults and more than 450 emergency cases have been stabilized. This also implies that in every 180 minutes, a new patient is treated in these telemedicine enabled Community Health Centres. On an average, every 2nd day, a patient is being stabilized through Tele-Emergency services. Hundreds of ambulance trips and numerous helicopter evacuations have been avoided.

The 'Total Health' programme is India’s first integrated rural healthcare service delivery network, initiated by the Apollo Hospitals Group. This programme is being piloted in Thavanampalle Mandal of Chittoor District, Andhra Pradesh, India which happens to be the birth place of Dr Prathap C Reddy, Chairman, Apollo Hospitals Group, and aims to cover more than 70,000 people of all age groups.

The Total Health household survey is under progress in 195 villages. During the year 2016, 1382 households and 4851 family members have been covered in 138 villages. Since the inception of the survey in December 2013 to 31st December 2016, 10855 households with 28271 members have been covered. This includes Old Family New Members (OFNM). The various interventions include, Mobile Clinic, Non Communicable Diseases (NCDs) - HbA1C investigation and package, Satellite Clinic, Designated Microscopy Centre (DMC), School Health Camp, General Health Screening Camp, Eye Screening Camp in association with Global Association of Physicians of Indian Origin (GAPIO), Nutrition Centres for Pregnant Women, Nutrition Centres for the Geriatric Population, Kitchen Garden Seeds Distribution, Potable Water Support, Individual Sanitation Support, Distribution of Dustbins, First Aid Training to Community Police Officers, Awareness and Education on Health Related Issues, Initiatives to Focus on other Wider Determinants of Health.

Apollo Hospitals Enterprise Limited (AHEL) has been awarded full accreditation and honoured with the global Gold Seal by the Association for the Accreditation of Human Research Protection Programmes (AAHRPP). AAHRPP accreditation marks AHEL as one of those elite institutions and companies which maintain the highest international standards in conducting research requiring human participants.

The Proton Treatment Centre at Apollo Hospitals, Chennai would be the first proton cancer centre in South East Asia. It would focus on organ specific cancer management and would have a dedicated Oncology Team. The Proton Treatment Centre shall also identify priority areas for research and development and related areas and would carry out basic and applied research. It would develop cancer control strategies which would include newer modalities of prevention, early diagnosis and treatment.
Information and communication technology is the backbone of our healthcare delivery systems and patient care processes. The initiatives deployed by the Information Technology team at Apollo Hospitals in 2016 included, Fever Watch, a healthcare gadget to monitor fever and hypothermia spikes for enabling swift action, Breast Milk Barcoding System, development of the Single Unit Device (SUD) App to track consumption of Single use Devices in Cath Lab, development of a Dietary Module to improve the workflows of the Nutrition Care Process.

Apollo Home Care is an extension of the Apollo Hospitals care continuum and excellence in healthcare provision. With unique treatment options, Apollo Home Care delivers clinical excellence with compassion and care within the comfort of home. The goal of Apollo Homecare is to enhance the quality of lives, by upholding the dignity of those receiving care as well as supporting those who give care. Services include treatment of common conditions, long term care, post-operative care, lab investigations and advanced treatments like home dialysis, home chemotherapy, home ICU setup, home ventilator care, blood transfusion at home.

Clinical excellence shares a symbiotic relationship with academic excellence with emphasis on training and research. The National Board of Examinations (NBE) has accredited Apollo Hospitals for training and examinations in 15 broad specialities, 16 super specialities besides 2 years Postdoctoral Fellowship (FNB) programmes in 8 sub-specialities. In 2016, there were 407 DNB/FNB seats in the Apollo Hospitals Group with 746 trainees pursuing the DNB/FNB programmes across 10 of the Apollo Hospitals.

Medvarsity Online is India’s first and largest online healthcare training company with over 30,000 medical professionals who have been trained and certified. The platform provides the highest quality of medical education of clinical professionals through e-learning. Medvarsity has expanded clinical practice locations to 22 across the country and it has one in Bangladesh. International student enrolment increased up by 30% across in 2016. Live Virtual Classes have been introduced to provide the best faculty to all students.

Apollo MedSkills aims to meet the dual objective of providing high quality training programmes pan India, and supplying skilled employable resources for the Industry. Apollo MedSkills has a mandate to train over 1,00,000 students in the next 2 years, and currently 38,000 students are enrolled in paramedical, allied health and school health programmes. Apollo MedSkills has partnered with HE-England, New Zealand, SDM-Bangalore, NHS, Bhutan, Australia and Alem Health. Apollo MedSkills has bagged the prestigious DDU-GKY Skilling projects of Ministry of Rural Development across 13 states in India with a mandate to train over 20000 students in the next 3 years.

The Apollo Institute of Medical Sciences and Research (AIMSR), is one of the most sought after medical colleges in the Andhra Pradesh/Telengana region. Since its inception in 2012, the college has made rapid strides. The AIMSR Chittoor campus recently commenced operations, and the first batch of 150 students, joined the institution in October 2016. It is an example of a unique public-private partnership and is possibly the first medical college of its kind in the country, to cater to the healthcare needs of over 1500 outpatients and 400 inpatients daily. Additionally, the Institute provides extended coverage to the population of Chittoor District, through the college’s participation in the Total Health Project, at Thavanapalle District.

Eighty seven consultants have been conferred with Adjunct Title of Professor and Associate Professor of Apollo Hospitals Educational and Research Foundation (AHERF) in various specialities, since 2012. Two hundred and sixty three papers were received for recognition from Apollo Group consultants during the year 2016. Two hundred and thirty two papers were honoured with cash awards along with citation from the Chairman during 2016.
Apollo Research and Innovations (ARI) focuses on scouting, evaluating, deploying and integrating innovations across Apollo Hospitals, with an objective of improving outcomes, affordability and accessibility for our patients. Innovations span drugs, devices, healthcare software or consumer goods of clinical relevance. ARI provides an end to end platform for converging clinical insights, technology and business to spawn innovation and research within the Apollo Hospitals ecosystem.

Numerous honours and accolades at various national and international forum in the year 2016, clearly mark the winning streak of Team Apollo. Apollo Hospitals, won 77 awards in 2016.

Apollo Hospitals, in September 2016, won the Asian Hospital Management Healthcare Excellence Awards, held at Ho Chi Minh City, Vietnam, winning 13 awards in 11 categories and two Grand Awards. There were 322 entries from 92 hospitals in 15 countries, vying for these HMA Awards in 2016.

The prestigious title of ‘Business Superbrand’ for the year 2016 was conferred upon Apollo Hospitals. Apollo Hospitals was the only hospital brand conferred with this title, underpinning the undisputed leadership of Apollo Hospitals in the industry. Overall 33 Indian brands were covered in the latest issue of Business Superbrands.

The Best Hospital Survey 2016, conducted by THE WEEK in association with Nielsen India, ranks multi-speciality hospitals at an all-India level, city level and speciality wise. Apollo Hospitals, Chennai was ranked the second best multi-speciality hospital in the country in 2016. Indraprastha Apollo Hospitals, Delhi was ranked as the sixth best multispeciality hospital in the country.

All India Critical Care Hospital Ranking Survey 2016, conducted by The Times of India, ranked Apollo Hospitals, Chennai as the best hospital in India and Indraprastha Apollo Hospitals, Delhi as the second best hospital in India. Apollo Hospitals, Chennai was ranked the best in India for the specialities of Gastroenterology and Hepatology, Emergency and Trauma and Urology. Indraprastha Apollo Hospitals Delhi was ranked as the second best hospital in India and best in India for the specialities of Nephrology, Gynaecology, Neurosciences, Oncology and Paediatrics.

At the Frost and Sullivan Awards, Apollo Hospitals was honoured in seven categories.

Indraprastha Apollo Hospitals won awards in two categories at the Express Health Care Excellence Awards.

The ICICI Lombard and CNBC-TV18 India Healthcare Awards honoured Apollo Hospitals, Chennai, in five categories. Apollo Speciality Cancer Hospital, Teynampet, Chennai, was awarded in the category, ‘Best Single Speciality Hospital Oncology’.

Madras Management Association (MMA) Award for Managerial Excellence was awarded to Apollo Hospitals, Chennai in the Services Category.

Honeywell announced that Apollo Hospitals, Ahmedabad was one of the India’s smartest buildings at the Network 18 and Honeywell Smart Building Awards for 2016.

At the Healthcare Achievers and Leaders Awards, Apollo Hospitals, Bangalore bagged awards in the following categories: Innovation in Quality of Service Delivery, Best Patient Safety Initiative and Most Innovative Initiatives in Food Safety. Apollo Hospitals Group won an award in the category Best Quality Initiative in Healthcare for the Project WOW. Apollo Diagnostics, AHLL won awards in the categories - Best Patient Safety Initiative Diagnostic Company and Emerging Diagnostic Service Company in India. The Q4E Programme of AHLL won an award in the category Best Quality Initiative in Healthcare.
Apollo Hospitals, Hyderabad was conferred with the AHPI 2016 Award for Nursing Excellence.

'Total Health' won the Indywood Excellence Award 2016 for CSR practices. 'Total Health' also won the award for Best CSR Solution of the Year, conferred by Indian ISV Awards.

Team Apollo, with newer hopes and a quest for achievement, looks ahead, as the year 2017 unfolds......
# CLINICAL EXCELLENCE

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CLINICAL EXCELLENCE

THE APOLO STANDARDS OF CLINICAL CARE (TASCC)

Apollo Hospitals Group aims at establishing the highest standards of clinical care and patient safety for all its hospitals irrespective of their location and size. The Apollo Standards of Clinical Care (TASCC) was implemented across Apollo Hospitals to standardize processes and outcomes for clinical excellence and patient safety. It encompasses six initiatives – Apollo Clinical Excellence dashboards (ACE 1 and ACE 2), Apollo Quality Programme (AQP), Apollo Mortality Review (AMR), Apollo Incident Reporting System (AIRS) and Apollo Critical Policies Plans and Procedures (ACPPP). TASCC was implemented in January 2012.

ACE 1 and ACE 2 (earlier known as ACE@25 and RACE respectively) were institutionalised in the year 2008. ACE 1 and ACE 2 are clinical balanced scorecards each incorporating 25 clinical quality parameters that include complication rates, mortality rates, one year survival rates and average length of stay after major procedures, and also compare these with the published international benchmarks.

Apollo Hospitals Group is the first corporate hospital in India to initiate benchmarking and monitoring outcomes. ACE@25 data was first published in 2009 in the Apollo Excellence Report.

AQP is a programme for the standardisation of processes for clinical handovers, medication safety, surgical safety, patient identification, verbal orders, hand washing compliance and falls prevention, across Apollo Hospitals. Compliance is measured through a monitoring dashboard of 20 parameters.
AMR is a standardised methodology of identifying all deaths in a hospital. This review is based on defined trigger criteria and systematic peer review using a checklist and thereby identifying the preventable deaths. The checklist includes factors like appropriate care setting, appropriate staff privileges, clinical practice deficiency, delay in recognition of clinical deterioration / escalation / response, hospital acquired infection, post procedure complications, medical errors, error in communication, equipment deficiency, etc.

AIRS provides a mechanism for tracking all incidents that pose a safety risk to patients.

There are 25 policies in ACPPP covering clinical care, nursing care, managerial processes and infrastructural requirements like restraints, consents, critical test results, disaster management policy, that are implemented across all hospitals.

TASCC scores showed a steady increase from FY 2012-13 to FY 2015-16: 310 to 439 for Group A hospitals, 227 to 289 for Group B hospitals, and 189 to 236 for Group C hospitals, showing increasing standardisation of processes and improving outcomes.
A few examples for TASCC scores for individual locations are given below:

**APOLLO CLINICAL EXCELLENCE SCORECARD – ACE 1**

Earlier known as ACE@25, this scorecard has been renamed as ACE 1 in 2015 with revision in indicators and benchmarks. Group average scores for ACE 1 showed an improvement from 72 in 2010 to 85 in 2016.

ACE 1 is a clinical balanced scorecard incorporating 25 clinical parameters involving complication rates, mortality rates, one year survival rates and average length of stay after major procedures like liver and renal transplant, CABG, TKR, THR, TURP, PTCA and endoscopy covering all major specialities. Also included are hospital acquired infection rates.
and patient satisfaction with pain management. Parameters have been benchmarked against the published benchmarks of the world’s best hospitals including Cleveland Clinic, Mayo Clinic, National Healthcare Safety Network, University of California, San Francisco and Agency for Healthcare Research and Quality US. The weighted scores for outcomes are colour coded green, orange and red. The cumulative score achievable is capped at 100. The numerators, denominators and inclusions and exclusions are defined lucidly and standardised methodology of data collection is followed. Data is uploaded online every month through a unique login ID and password. Action taken reports for areas of concern are submitted quarterly by all hospitals and reviewed by the board. A quarterly, half yearly and annual analysis of the trends is done. The collective data for all locations can be viewed by the Group Leadership at any point in time. There is an “ACE 1” Champion Award for the highest scorer.

In 2016, 39 hospitals reported ACE 1 data, 7 hospitals (Ahmedabad, Bangalore, Chennai, Delhi, Hyderabad, Kolkata and Dhaka) reported data for Group A parameters, 15 hospitals (Bilaspur, Madurai, Mysore, Pune, Vizag, Bhubaneshwar, Karimnagar, Secunderabad, Hyderguda, Trichy, Vanagaram, Indore, ASH OMR, Nashik and Nellore) reported data for Group B parameters and 17 hospitals (Aragonda, Apollo First Med Hospitals, Apollo Speciality Cancer Hospital Teynampet, Tondiarpet, Sowcarpet, Bhilai, Kakinada, NMDC Bacheli, Noida, Ranipet, Apollo Children’s Hospital, Ambavadi, DRDO, Karur, ASH Jayanagar, Karaikudi and AMC Karapakkam) reported data for Group C parameters.

Example of an ACE 1 parameter

<table>
<thead>
<tr>
<th>Indicator</th>
<th>Benchmark</th>
<th>Range</th>
<th>Scoring</th>
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<tr>
<td>CABG mortality rate</td>
<td>0.60%, Cleveland Clinic</td>
<td>≤0.80</td>
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<tr>
<td></td>
<td></td>
<td>0.81-1.20</td>
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<td></td>
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<td>1.21-1.60</td>
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<td></td>
<td>1.61-2.00</td>
<td>1</td>
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<tr>
<td></td>
<td></td>
<td>&gt;2.00</td>
<td>0</td>
</tr>
</tbody>
</table>
Few examples:

**ALOS post renal transplant, Apollo Hospitals A**

**Catheter Related Blood Stream Infection (CR-BSI), Apollo Hospitals B**

**Patient satisfaction with pain management, Apollo Hospitals C**

**Urea Reduction Ratio (URR) in patients on haemodialysis, Apollo Hospitals D**
ACE 1 AWARDS

ACE 1 clinical excellence scorecard data has been reported for the last nine years. The outstanding performances in each of the hospitals reporting Group A, Group B and Group C parameters are given recognition every year. The median ACE 1 score for each hospital is computed and their ACAT score is added to it. The hospital scoring the maximum is awarded the ACE 1 Champion Award. Apollo Hospitals, Hyderabad reporting Group A parameters, Apollo Hospitals, Secunderabad, reporting Group B parameters and Apollo Hospitals, Tondiarpet reporting Group C parameters were declared ACE 1 champions and were awarded the trophies along with cash prizes.

ACE 1 Champion Group A – Apollo Hospitals, Hyderabad
The Apollo Quality Programme was started in December 2010 to implement patient safety practices in all our Apollo Hospitals irrespective of the accreditation status. It covers five broad areas: Safety during Clinical Handovers, Surgical Safety, Medication Safety, the Six International Patient Safety Goals of JCI and Standardisation of Minimum Content of Medical Records.

An analysis of the parameters in 2016 has shown an increase in compliance levels for various parameters. The average AQP scores at group level have also increased from 77 in FY 2011-12 to 87 in FY 2015-16.
Below are a few examples of improvement at different Apollo locations:

**Percentage compliance to use of nursing handover form for patient handover, Apollo Hospitals A**

**IPSG 2 - Read back for verbal orders, Apollo Hospitals B**

**IPSG 5 - Hand washing, Apollo Hospitals C**

**IPSG 6 - Falls prevention measures, Apollo Hospitals D**
Percentage of patients receiving antimicrobial prophylaxis one hour before surgery, Apollo Hospitals E

Percentage of patients excluded from SSI calculation due to lack of follow up for the requisite time frame, Apollo Hospitals F

Medication errors per 100 discharges, Apollo Hospitals G

Medication errors per 100 discharges, Apollo Hospitals H
APOLLO CLINICAL AUDIT TEAM (ACAT)

For assessing the clinical excellence of a hospital, the sanctity of the data, methodology and the definitions followed by each location cannot be overemphasized. Keeping the underlying aim of validating the data provided by the hospitals, ACAT audit was started in the year 2009.

A team of auditors from various Apollo Hospitals carry out the annual ACAT audit using a detailed audit guide in the month of October every year across all the Apollo Hospitals to validate the data, methodology and definitions used by each of the participating hospitals. External auditors from different Apollo Hospitals are deputed to conduct ACAT audit.

Apart from annual audit, Interim ACAT audit is also undertaken at all the Apollo Hospitals in the month of May every year.

The following are the ACAT Auditors for the Apollo Hospitals:

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Name of auditor</th>
<th>Apollo Hospitals Location</th>
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<tbody>
<tr>
<td>1</td>
<td>Dr Govindaiah Yatheesh</td>
<td>Bangalore</td>
</tr>
<tr>
<td>2</td>
<td>Dr Sahana G</td>
<td>Bangalore</td>
</tr>
<tr>
<td>3</td>
<td>Ms Sweta Padma Das</td>
<td>Bhubaneswar</td>
</tr>
<tr>
<td>4</td>
<td>Dr Srinidhi</td>
<td>Chennai</td>
</tr>
<tr>
<td>5</td>
<td>Mr Balaji V</td>
<td>Chennai</td>
</tr>
<tr>
<td>6</td>
<td>Ms Mumtaz TSM</td>
<td>Chennai</td>
</tr>
<tr>
<td>7</td>
<td>Mr S Bhaskar</td>
<td>Chennai</td>
</tr>
<tr>
<td>8</td>
<td>Ms Deepa Lavanya</td>
<td>Chennai (ACH)</td>
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<tr>
<td>9</td>
<td>Ms Pritindira</td>
<td>Delhi</td>
</tr>
<tr>
<td>10</td>
<td>Ms Yogamaya</td>
<td>Delhi</td>
</tr>
<tr>
<td>11</td>
<td>Ms Shipra Gupta</td>
<td>Hyderabad</td>
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<tr>
<td>12</td>
<td>Dr Soma Das</td>
<td>Hyderabad</td>
</tr>
<tr>
<td>13</td>
<td>Mr Akash</td>
<td>Kolkata</td>
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<tr>
<td>14</td>
<td>Dr Maitraye Basu</td>
<td>Kolkata</td>
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<tr>
<td>15</td>
<td>Dr Praveen Rajan</td>
<td>Madurai</td>
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<tr>
<td>16</td>
<td>Ms Ramya V</td>
<td>Madurai</td>
</tr>
<tr>
<td>17</td>
<td>Ms Sofia Syed</td>
<td>Madurai</td>
</tr>
<tr>
<td>18</td>
<td>Dr Anjali Arun</td>
<td>Mysore</td>
</tr>
<tr>
<td>19</td>
<td>Dr Neelam Bangre</td>
<td>Navi Mumbai</td>
</tr>
<tr>
<td>20</td>
<td>Dr Sanjay Dalsania</td>
<td>Navi Mumbai</td>
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</tbody>
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ACE PLATFORM (ACEP)

ACE Platform (ACEP) is a standardized tool formulated by Apollo Hospitals, to share the best practices for clinical excellence and quality improvement, for the benefit of the other healthcare providers outside the Apollo Hospitals Group.

The initiative is pro-bono and is aimed at enhancement of the quality of healthcare delivered across India.

The ACE platform can be used by any hospital across the country to drive quality improvement, patient safety and better clinical outcomes. ACEP comprises of important indicator sets for monitoring quality and clinical excellence along with policies which deal with the core processes in patient care.

Policies and indicators sets for implementation along with training material are shared with the affiliated hospitals.

Over 50 other hospitals, outside the Apollo Hospitals Group have so far implemented ACEP through affiliation and have consistently improved the implementation of quality in their respective hospitals.
A conference of the ACEP partner hospitals was organized on the 27th of May 2016 at Indraprastha Apollo Hospitals, Delhi. Sessions about learning and enhancement of quality and patient safety through ACEP, were undertaken.

The programme was attended by more than 75 representatives of ACEP partner hospitals who commended the initiative. An open house was held wherein the representatives shared their experiences and learning from ACEP. The conference was designed to incite participation from partner hospitals representatives for maximum learning.

Apollo Hospitals at Ahmedabad, Kolkata, Bangalore, Hyderabad, Chennai, and Bhubaneswar are facilitating other hospitals and healthcare providers in the community to emulate the ACE Platform and implement quality and patient safety in their respective hospitals.

Apollo Health and Lifestyle Limited (AHLL) is an Apollo Group initiative which takes healthcare services from the hospitals settings, closer to home within neighbourhood locations, in order to serve the community better. It is a network that has various healthcare business verticals like, Apollo Clinics, Apollo Cradle, Apollo Spectra Hospitals, Apollo Diagnostics, Apollo White Dental and Apollo Dialysis.

Apollo Clinic was introduced with the vision of servicing local communities and making world-class healthcare for day-to-day needs by its presence in neighbourhoods.
Apollo Sugar provides end-to-end care and management of Diabetes and related complications.

Apollo Cradle was the first to introduce the concept of an exclusive, standalone healthcare centre for women and paediatric care.

Apollo Spectra provides world-class surgical care that is accessible and at an affordable cost.

Apollo Diagnostics provides a full spectrum of high precision diagnostic services based on which Apollo's healthcare practitioners design and deliver the most appropriate treatment plan to reduce patient's mortality and morbidity levels.

Apollo WHITE is a first of its kind dental care brand with a fleet of seven star dental spas, studios, clinics and express centres spread across the country, offering everything from premium services, Avant Garde Cosmetic Dentistry to simple and affordable dental services.

Apollo Dialysis are standalone centres that have been set up with strong focus on outcomes and a vision to facilitate dialysis treatment at a place convenient to the patient.

The Quality for Excellence (Q4E) Programme
The Q4E Programme ensures continuous quality improvement across all of the AHLL platforms and centres, through its various initiatives, like Q4E Outcome Measures Programme, Q4E Surveys, Peer Audits and Accreditation standards implementation. Q4E programme is a comprehensive cyclical activity which is aimed at monitoring quality indicators/outcome measures, identifying weak performance areas, implementing solutions for improvement, assessment/evaluation to determine compliance and best practices, award and recognition for best performing centre and revision of indicators according to the requirement for the next cycle.
The following initiatives have been undertaken under the Q4E Programme in 2016:

**Online Incident Reporting in AHLL:** It is important that patient safety incidents that have or could have resulted in harm to patients at Apollo Clinics, Cradle and Spectra hospitals are reported for taking action and prevention of a recurrence. The Online Incident Reporting has been developed with the following objectives:

- To develop a centralized platform to report all incidents of AHLL units spread across India (100+ units)
- To monitor and ensure all reported incidents are addressed in a timely manner and closed

Every unit of AHLL can report the clinical and non-clinical incidents through a centralized dashboard wherein the incident is reviewed by Quality team initially, and escalated to the respective stakeholders for further response and effective closure in a defined time frame.

Every employee of the clinics and hospitals has been given access to Online Incident Report application where they can report any incident by accessing any computer system in their hospital/clinic.

The following are the outcomes observed:

- Achieved proper tracking and closure of incidents with involvement of responsible stakeholders
- Staff became more aware of Incident reporting system and its importance
- Incidents were resolved and closed more effectively and prevented re-occurrence

**Q4E Dashboard:** Q4E has an online dashboard wherein each centre collects and uploads the data for the defined indicators. This helps to assess the performance of each centre based on 20 measurable indicators covering Clinical Outcomes, Infection Control, Patient Safety, Patient Satisfaction, and Medical Records. Data is the cornerstone of Q4E.

The activities are cyclical (monthly) so as to seek higher levels of performance to optimize patient care, while striving for continuous improvement.

The data for these indicators are monitored regularly by the staff of each individual centre with the help of predefined formats for data collection and compiled on a monthly basis. A standardized scoring system has been determined and each centre is given scores according to the scoring criteria based on the data that is uploaded.

The external assessment component of the Q4E programme includes Q4E Surveys. Q4E surveys are bi-annual unannounced quality audits in all the centres conducted by the external surveyors. The audits are conducted using a standardized checklist. The survey data is collated and reviewed for the entire organization at the national level. After analysis of the survey findings, a report is generated which is shared with all the centre heads, functional heads and board members. Areas requiring improvement are identified and action plans are determined to close the gaps.

**Q4E Awards:** Q4E Awards are part of the Q4E programme wherein the best performing centre in terms of quality is given recognition. The winning centre is awarded a trophy during the Founder’s Day celebrations, in addition to cash incentive for every staff of the centre.

![Best Apollo Clinic: Apollo Medical Center Annanagar (Chennai)](image-url)
NABH Fair
NABH Fair was conducted at six centres of AHLL which were working towards the prestigious NABH accreditation. This was done to enthuse and to provide a learning experience to the staff working at these units. Activities like poster making, treasure hunts, quiz competitions, stall displays and mock drills were conducted to ensure maximum participation.

Presentation of Q4E Award to the winning centers during Founder’s Day celebrations on 5th February 2017
Accreditation for AHLL Units
The year 2016 also witnessed achievement of another milestone of Accreditation. Apollo Cradle at Jayanagar was awarded the prestigious NABH Accreditation under SHCO (Small Healthcare Organization) category. The diagnostic wing excelled and achieved NABL Accreditation for Apollo Diagnostic Centre at Koramangala, Bangalore.

APOLLO CLINICAL PROGRAMMES FOR THE MEDICAL COMMUNITY

The Apollo Hospitals Group delivers world class care and clinical outcomes comparable to some of the best hospitals in the world.

In order to build up capacity and expertise to address the burden of Non Communicable Diseases (NCDs) such as Cardiovascular Diseases, Diabetes Mellitus, Cancer etc., different clinical programmes have been developed to reach out and train different segments of Clinicians, from General Physicians to Super Specialists, so as to equip them to manage and prevent the occurrence of these diseases.

Credit points were offered to the participants as these programmes were approved by the State Medical Councils.

These programmes have been rolled out at 15 locations Pan-India. Through these programmes, Apollo Hospitals was able to touch base and upskill the knowledge and expertise of more than 9000 doctors across India during the year 2016-17.
Apollo Clinical Programme (ACP) in NCD’s
ACP is a Certificate Programme that has been started to upskill General Physicians (GPs) working in nursing homes and corporates, and other community physicians in remote areas. It is an online medical education programme of clinical relevance developed by Medvarsity and is complimentary to the medical fraternity.

Level Up Programme
A unique Continuous Professional Development (CPD) Programme involving case studies and case presentations. It is an interactive format with topics covering chronic and comorbid conditions, developed and executed in partnership with a leading pharmaceutical company.

MedVance and SurgVance
MedVance and SurgVance are Continuous Professional Development (CPD) Programmes for Super Specialists. These have been designed to provide a platform for sharing advances in medical science viz. Innovative Technology, Techniques and Medicine. These programmes have been developed for clinicians practising in speciality fields like Neurology, Neurosurgery, Nephrology, Transplants, Oncology, Cardiology, Cardiac Surgery, Critical Care, Endocrinology, Gastroenterology, Urology and Rheumatology.
<table>
<thead>
<tr>
<th>S. No.</th>
<th>Programme Name</th>
<th>Number of CMEs</th>
<th>Number of Locations</th>
<th>Total number of participants</th>
</tr>
</thead>
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<tr>
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<td>Apollo Clinical Programme in NCD's</td>
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<td>2790</td>
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<td>2</td>
<td>Level Up</td>
<td>19</td>
<td>12</td>
<td>704</td>
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<td>3</td>
<td>MedVance</td>
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<td>4</td>
<td>SurgVance</td>
<td>19</td>
<td>8</td>
<td>1203</td>
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<td><strong>Total</strong></td>
<td><strong>163</strong></td>
<td><strong>47</strong></td>
<td><strong>9006</strong></td>
</tr>
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</table>

Apollo Clinical Excellence Programme in progress
Social and Digital Media... an innovative way to reach out to the medical community

Today, more and more members of the medical profession are embracing social and digital media for sharing helpful medical information and providing patient care.

Many social media tools are available to the medical community including social networking platforms, blogs, microblogs, wikis, media-sharing sites. These tools can be used to improve or enhance professional networking and education, patient care, patient education, and public health programmes.

At Apollo, we have taken note of the potential of Social and Digital Media and have developed a plan for reaching out to the medical community via various channels.

Tools like the Email Newsletter (monthly) and New in Medicine and Technology Journal (quarterly), talk about the recent advances in the field of medicine and technology and guidelines are being sent to more than 72000 doctors across India through email and in-clinic connect.

Videos prepared by Apollo Consultants about the recent advancements in medicine and interesting other topics of interest with an aim to upskill the knowledge and expertise of doctors are available on the Apollo website and Apollo YouTube channel.

AMDP is designed as a six month programme for the Junior Medical Staff.

It focuses on key areas of development for Gen-Y doctors, which have never been focused upon earlier. These include:

- Soft skills development: High relevance in patient centric service industry
- Knowledge based training: Constant enhancement of knowledge base to translate into better patient care
- Computer training: Updating doctors with the functional knowledge of the hospital information system to develop their computer skills and build in efficiency
- Online simulation training: To augment medical education of the Junior Medical Staff (JMS), to improve clinical outcomes

The training programme enables the physicians to work in teams; take and give directions; communicate effectively verbally and in writing; be customer focused; evaluate; be sensitive to other points of view, other cultures and gender and provide care beyond expectation.

In the year 2016, over 1500 Junior Medical Staff at Apollo Hospitals have enrolled and completed the AMDP programme.

Apollo Innovation and Quality Awards 2016

Apollo Innovation and Quality Awards is a platform to highlight the distinctive initiatives and unrelenting efforts, undertaken at each of our hospitals, for improving quality and safety for our patients.

Nominations for Apollo Innovation and Quality Awards 2016 were invited from all locations in six categories:
Excellence in Operations
Excellence in Clinical Services
Excellence in HR Practices
Excellence in Financial Management
Excellence in Community Service
Excellence in Environmental Conservation

One hundred and thirty four nominations were received from 20 locations.

The nominations were judged by our esteemed panel of jury members:

**Excellence in Clinical Services**
Dr Arun Agrawal, AHEL
Dr Rana Mehta, PwC

**Excellence in Operations**
Sudhakar Nakula, CEO, One Apollo
Parijat Ghosh, Bain

**Excellence in Community Service**
Mr Amit Mookim, IMS
Mr Vikram Thaploo, ATHS

**Excellence in HR Practices**
Mr Jacob Jacob, AHEL
Mr Yash Paul Bhatia, Astron

**Excellence in Financial Management**
Mr Sriram M, AHEL
Mr Manian KBS, Chief Risk Officer

**Excellence in Environmental Conservation**
Mr Ravichandran, AHEL
Brig (Retd) KR Chakravarti, AHEL

The top three winners in each category:

<table>
<thead>
<tr>
<th>Category</th>
<th>Location</th>
<th>Achievement</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Excellence in Financial Management</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>I Apollo Hospitals, Chennai</td>
<td>War on Wastage</td>
<td></td>
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<tr>
<td>II Apollo Speciality Cancer Hospital, Teynampet</td>
<td>Effective Resource Utilization for Effective Cost Reduction</td>
<td></td>
</tr>
<tr>
<td>II Apollo Children's Hospitals, Chennai</td>
<td>Cost Control - A Leap To Outstanding Care</td>
<td></td>
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<tr>
<td>II Apollo Hospitals, Ahmedabad</td>
<td>Energy Conservation</td>
<td></td>
</tr>
<tr>
<td>III Apollo Hospitals, Bangalore</td>
<td>Water-The Elixir of life</td>
<td></td>
</tr>
<tr>
<td>III Apollo Gleneagles Hospitals, Kolkata</td>
<td>Time Driven Activity Based Costing</td>
<td></td>
</tr>
<tr>
<td><strong>Excellence in Clinical Services</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>I Apollo Speciality Cancer Hospital, Teynampet</td>
<td>Designing and Implementation of Naso-Gastric Tube Aspiration Collection Bag</td>
<td></td>
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<tr>
<td>II Apollo BGS Hospitals, Mysore</td>
<td>Nurses Empowerment</td>
<td></td>
</tr>
<tr>
<td>II Apollo Gleneagles Hospitals, Kolkata</td>
<td>Endoscopic Management</td>
<td></td>
</tr>
<tr>
<td>II Apollo Hospitals, Chennai</td>
<td>Nurse-directed Interventions to Reduce UTI</td>
<td></td>
</tr>
<tr>
<td>III Indraprastha Apollo Hospitals, Delhi</td>
<td>Alerting the High Alert</td>
<td></td>
</tr>
<tr>
<td><strong>Excellence in Environmental Conservation</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>I Apollo Hospitals, Chennai</td>
<td>Optimizing Boiler System Efficiency</td>
<td></td>
</tr>
<tr>
<td>II Apollo Hospitals, Vanagaram</td>
<td>Green Energy and Cost Savings</td>
<td></td>
</tr>
<tr>
<td>Rank</td>
<td>Location</td>
<td>Category</td>
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<td>------</td>
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</tr>
<tr>
<td>III</td>
<td>Indraprastha Apollo Hospitals, Delhi</td>
<td>Conservation of Energy and Water</td>
</tr>
</tbody>
</table>

### Excellence in Operations

<table>
<thead>
<tr>
<th>Rank</th>
<th>Location</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>AHLL, Hyderabad</td>
<td>Model Clinic – Showing the Way for Excellence</td>
</tr>
<tr>
<td>II</td>
<td>Indraprastha Apollo Hospitals, Delhi</td>
<td>Reducing ALOS a Triumph of Teamwork</td>
</tr>
<tr>
<td>III</td>
<td>Indraprastha Apollo Hospitals, Delhi</td>
<td>Experience the Process that leads Success - A Tool for Improving Patient Discharge Process</td>
</tr>
</tbody>
</table>

### Excellence in Community Services

<table>
<thead>
<tr>
<th>Rank</th>
<th>Location</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>I</td>
<td>Apollo Children's Hospitals, Chennai</td>
<td>Saving Little Hearts for a Hearty Future</td>
</tr>
<tr>
<td>II</td>
<td>Apollo Hospitals, Chennai</td>
<td>Beat Diabetes</td>
</tr>
<tr>
<td>III</td>
<td>Indraprastha Apollo Hospitals, Delhi</td>
<td>A Healthy Start</td>
</tr>
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</table>

### Excellence in HR Practices

<table>
<thead>
<tr>
<th>Rank</th>
<th>Location</th>
<th>Description</th>
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<tbody>
<tr>
<td>I</td>
<td>Indraprastha Apollo Hospitals, Delhi</td>
<td>Apollo Medical Development Programme (AMDP)</td>
</tr>
<tr>
<td>II</td>
<td>Indraprastha Apollo Hospitals, Delhi</td>
<td>Transforming Skills into Perfection</td>
</tr>
<tr>
<td>III</td>
<td>Apollo Speciality Cancer Hospital, Teynampet</td>
<td>Upgrading Skills of Housekeeping Staff</td>
</tr>
<tr>
<td>III</td>
<td>Apollo Hospitals, Ahmedabad</td>
<td>Visibility of Individual Training Record</td>
</tr>
</tbody>
</table>
SHARE YOUR STORY

All Apollo hospitals, in their journey towards excellence, have made innovations to overcome hurdles they face for various processes. As a Group, it is important that we share these best practices and innovations so that other hospitals can learn from what we have achieved. The “Share your Story” initiative was conceptualised with a view to sharing best practices amongst Apollo Hospitals on one chosen topic, every quarter. The initiative started in October 2012. The topics for the quarters in 2016 were:

Alarm Hazards – occurrences; tools to minimize
The winner: Apollo Hospitals, Bhubaneswar

Physician Handovers – strategies for ensuring compliance
The winner: Indraprastha Apollo Hospitals, Delhi

Strategies adopted to minimize Antimicrobial Resistance – methods and monitoring systems
The winner: Apollo Speciality Hospitals, OMR, Chennai

Methods to reduce incidence of DVT in ICUs
The winner: Apollo Hospitals, Seshadripuram

THE 6TH INTERNATIONAL CONGRESS ON PATIENT SAFETY

The 6th International Patient Safety Congress was held at ITC Grand Chola, Chennai on the 21st and 22nd of October 2016. The forum was a congregation of thought leaders, patient safety experts, eminent speakers and panellists, from across the world, who enriched the audience with their experiences, knowledge and innovative practices on Patient Safety.

The two day programme had a total 30 sessions including 18 breakout sessions. The event was attended by over 1900 delegates from 20 countries and represented 170 healthcare organizations including private and government agencies. Over 170 prominent national and international speakers participated in the conference. Winners of the Asian Patient Safety Awards were given recognition and awards were conferred for best paper and poster presentations.

The prominent knowledge partners who supported this edition of the conference included the Joint Commission International (JCI, USA), World Innovation Summit for Health (WISH, Qatar),
APAC Forum (New Zealand), Association of Private Hospitals of Malaysia (APHM), Institute for Healthcare Improvement (IHI), WHO, National Accreditation Board for Hospitals (NABH) India, National Accreditation Board for Testing and Calibration Laboratories (NABL), Consortium of Accredited Healthcare Organisation (CAHO), Armed Forces of India, Indigo Airlines and Taj Hotels and many others.

Hon’ble Governor His Excellency Shri CH Vidyasagar Rao, Health Minister Dr C Vijayabaskar and Health Secretary Dr J Radhakrishnan, of the Government of Tamil Nadu graced the occasion with their presence during different sessions of the congress.

The congress concluded with the announcement of the 7th International Patient Safety Congress which would be held at Navi Mumbai on the 27th and 28th of October 2017.
Hon’ble Health Secretary of Tamil Nadu, Dr. J Radhakrishnan, at the 6th International Congress on Patient Safety, 2016 at Chennai

6th International Congress on Patient Safety, 2016 at Chennai
The concept of Transforming Healthcare with IT (THIT) was born out of the need to provide a platform where healthcare experts and Information Technology professionals could meet and get to know the developments in the Healthcare IT field.

In 2016, this conference, which is India’s biggest one in this field, was held at ITC Grand Chola, Chennai on 21st and 22nd October 2016.

Understanding the increasing influence which this conference is having in this part of the world, the International Society for Telemedicine and eHealth (ISfTeH) requested permission for their 21st Annual
Conference to be held along with this conference. There was a significant increase in the overseas participation and an increased awareness about the event amongst the 20,000 members of ISfTeH from 90 countries. This conference gave India a unique opportunity to be placed on the global platform. The conference has indeed been a game-changer in South Asia and is truly helping the transformation of Healthcare with Information and Communication Technology.

A large number of start-ups made their presence felt by presenting their ideas and products on stage. As the conference encourages innovations in HCIT, particularly those bridging the urban rural health divide, it is now an important part of the HCIT ecosystem. Young entrepreneurs were able to reach out to a wider audience and also secure real time feedback from actual users and also procure funding from investors specially invited for the event. Over 60 Speakers from 14 countries, over 650 delegates and 40 exhibitors participated in the conference, in addition to several hundred virtual visitors who logged in from all the continents.

Some of the specific topics which were covered in THIT 2016 included:
- Direct-to-consumer digital health products
- Prescriptive and predictive clinical analytics
- Clinical decision support systems
- Driving highest levels of patient safety
- Empowering today’s consumers with access to quality health care
- Enabling cognitive computing
- Driving efficiency and elimination of errors
- Better patient outcomes
- Scaling
- Improving physician - patient relationship
- Patient engagement
- Evidence based medicine

- Better patient satisfaction
- Zero tolerance for medication errors
- Medical devices

The 8th edition of Transforming Healthcare with IT Conference would be held at Mumbai on 27th and 28th October 2017, and the word ‘Transforming’ would be replaced by ‘Revolutionizing’.
JOINT COMMISSION INTERNATIONAL (JCI) ACCREDITED APOLLO HOSPITALS

The following seven Apollo Hospitals are JCI Accredited:

<table>
<thead>
<tr>
<th>Hospital</th>
<th>Last JCI Accreditation</th>
<th>Next JCI accreditation</th>
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<tbody>
<tr>
<td>Indraprastha Apollo Hospitals, New Delhi</td>
<td>2014</td>
<td>2017</td>
</tr>
<tr>
<td>Apollo Hospitals, Hyderabad</td>
<td>2015</td>
<td>2018</td>
</tr>
<tr>
<td>Apollo Hospitals, Chennai</td>
<td>2014</td>
<td>2017</td>
</tr>
<tr>
<td>Apollo Hospitals, Bangalore</td>
<td>2014</td>
<td>2017</td>
</tr>
<tr>
<td>Apollo Hospitals, Kolkata</td>
<td>2015</td>
<td>2018</td>
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<tr>
<td>Apollo Hospitals, Dhaka</td>
<td>2014</td>
<td>2017</td>
</tr>
<tr>
<td>Apollo Hospitals, Ahmedabad</td>
<td>2016</td>
<td>2019</td>
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NATIONAL ACCREDITATION BOARD FOR HOSPITALS AND HEALTHCARE PROVIDERS (NABH) ACCREDITED APOLLO HOSPITALS

The following 16 Apollo Hospitals are NABH Accredited:

<table>
<thead>
<tr>
<th>Hospital</th>
<th>Last NABH Accreditation</th>
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</thead>
<tbody>
<tr>
<td>Apollo Hospitals, Ahmedabad</td>
<td>2015</td>
<td>2017</td>
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<tr>
<td>Apollo Hospitals, Bilaspur</td>
<td>2013</td>
<td>2016</td>
</tr>
<tr>
<td>Apollo Speciality Hospitals, Madurai</td>
<td>2015</td>
<td>2018</td>
</tr>
<tr>
<td>Apollo BGS Hospitals, Mysore</td>
<td>2013</td>
<td>2016</td>
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<td>Apollo Jehangir Hospital, Pune</td>
<td>2013</td>
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<tr>
<td>Apollo Hospitals, Bhubaneswar</td>
<td>2013</td>
<td>2016</td>
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<td>Apollo Hospitals, Secunderabad</td>
<td>2014</td>
<td>2017</td>
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<tr>
<td>Apollo Hospital, Hyderguda</td>
<td>2014</td>
<td>2017</td>
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<tr>
<td>Apollo Speciality Hospitals, Vanagaram</td>
<td>2015</td>
<td>2018</td>
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<tr>
<td>Apollo Hospitals, Kakinada</td>
<td>2015</td>
<td>2018</td>
</tr>
<tr>
<td>Apollo Hospitals Noida</td>
<td>2014</td>
<td>2017</td>
</tr>
<tr>
<td>Apollo Speciality Cancer Hospital, Teynampet</td>
<td>2015</td>
<td>2018</td>
</tr>
<tr>
<td>Apollo Hospitals, Bhilai</td>
<td>2014</td>
<td>2017</td>
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</table>
Launched in 2012, the Apollo Accreditation Programme (AAP), is a web-based tool designed to review compliance with JCI standards across all the JCI accredited Hospitals within the Apollo Group. AAP comprises of all standards and measurable elements, within each chapter of the JCI standards manual, with provision for each location to report compliance on a periodic basis. Finally, a single dashboard summarizes the overall compliance at each location and indicates compliance levels for the entire Apollo Group as a single entity.

The aim was to provide a comprehensive tool to each hospital which could be used to help maintain a uniform high standard of care. AAP, at a later stage, is also being extended to cover all NABH standards for hospitals accredited by NABH across the Group.

The journey of this achievement, fraught with multiple challenges, included changing the participants’ mindset and making them more optimistic. Interactive motivating sessions, infusing team spirit and synchronizing the actions of all participants according to laid down Guinness guidelines were taken up for all the participants. The effort involved hectic man-hours and coordination amongst the members of the gigantic team. It included repeated sessions of training and reinforcing the correct technique of hand sanitization for each participant, especially the non-medical staff. The two day-long pre-event rehearsals helped to rectify the errors and bring in precision and accuracy for each individual participant.

Indraprastha Apollo Hospitals, New Delhi created a Guinness World Record towards ‘Clean Hands, Healing hands’ by roping in 1711 participants for hand sanitization relay at a ‘single location’ on 5th May 2016 (Global Hand-Hygiene Day).

The Programme was convened and spearheaded by Head of Infection Control and executed with the help of Quality, HR, Nursing and Infection Control Team.
Clinical innovations are rapidly changing the way clinical care is delivered around the world today. Medicine is evolving at a tremendous pace. It is imperative that all healthcare providers including clinicians and healthcare administrators keep themselves up to date with the latest research in treatment techniques, new drugs and technology to be able to provide the best clinical care to the patients. In April 2013, Apollo initiated the publication of a quarterly report titled "Clinical Innovation Report" which includes New in Technology, News Highlights and Innovative Procedures, across Apollo Hospitals and combined quarterly report of New in Medicine.

NEW AND RARE TREATMENTS/INTERESTING CASES

Apollo Hospitals, Ahmedabad
1. Emergency Bentall Surgery with Triple Bypass CABG for Type A Acute Aortic Dissection and Triple Vessel Disease - Dr Utpal Subodh Shah

Acute Type A Aortic Dissection is a medical emergency and necessitates an emergency repair to avoid mortality. However, the surgical repair is a formidable challenge and mortality ranges from 8% to 35%.

A 58 year old gentleman developed an acute and severe chest pain radiating to the back and was brought into the emergency room. He was transferred for a coronary angiogram under the assumption that this was an acute coronary syndrome. During screening, a flap was observed in the ascending aorta and this pointed towards the true nature of the disease. An immediate CT
Aortogram revealed Acute Type A Aortic Dissection (Stanford).

The patient was then transferred to Apollo Hospitals, Ahmedabad, quickly for further management.

At Apollo Hospitals, Ahmedabad, a Bentall Surgery was performed, by excising the ascending aorta and the affected area inclusive of the entry tear.

The patient was weaned off the cardiopulmonary bypass and after a secured homeostasis the chest was closed.

The patient had an excellent postoperative recovery and was discharged thereafter.

A combination of Bentall Surgery with Triple CABG in a patient having acute type A aortic dissection was an exceedingly formidable surgical task.

Very few such cases have been reported in medical literature including the International Registry for Aortic Dissection Surgery.

Apollo Hospitals, Greams Road, Chennai
1. Transoral robotic surgeries for tonsil, tongue base and supraglottic cancers

Apollo Main hospital is the only hospital among the entire Apollo group performing Transoral robotic surgeries for tonsil, tongue base and supraglottic cancers. The Hospital has also successfully performed (for the first time in Southern India) robotic surgeries for parapharyngeal space tumour and hypopharyngeal cancer without external incision in the neck. The Hospital has also successfully performed endoscopic thyroidectomy and neck dissection for the first time in Tamil Nadu.

2. Balloon on String Thrombus
IVC thrombus extending into right atrium post IVC filter placement-first of its kind reported in the
world. This term ‘Balloon on String Thrombus’ was coined by us and is now accepted in the world of Cardiology.

3. **Emergency novel coil embolization technique for leaking giant coronary artery aneurysm**, First in Apollo and rare in the world – Dr YVC Reddy

4. **Two cases of life-saving emergency primary Thoracic Endovascular Aortic/Aneurysm Repair (TEVAR) for aortic transection in road traffic accident**, First in Apollo and rare in the world – Dr YVC Reddy

5. **Rare case of TAVR done in a multi co-morbid sick elderly via transcommon iliac artery conduit (proctor)**. Also, needed valve-in-valve TAVR with Core valve 31 inside 29 Evolut R for managing PVL successfully, First in Apollo and first in the world.

6. **Started Transcatheter Aortic Valve Replacement (TAVR) programme** in Apollo Chennai for the first time - Dr G Sengottuvelu

7. Newer treatments done in the Department of Cerebrovascular Surgery include:
   - Treatment of aneurysm using “Flow diverter”
   - Management of symptomatic intracranial stenosis by balloon angioplasty and Intracranial stenting
   - Embolization of Brain AVM using Onyx, Squid etc.
   - Treatment of Paediatric cranial vascular malformation by endovascular embolization
   - Surgical clipping of complex intracranial aneurysms

8. Remote, patient led dynamic immune surveillance after solid organ transplantation. First 6 cases in the world for lung and pancreas transplantation

9. First in Asia - Pancreas alone transplantation to cure diabetes

10. First in India - Introduction of the Apollo Hospitals to the campath access programme

11. Largest pancreas programme in Asia - Simultaneous pancreas-kidney transplantation at Apollo

12. First in Asia - Combined en-bloc heart liver transplant

13. First in Asia - Abdominal wall transplant

14. First in India - Introduction of genetic analysis for accurate tacrolimus dosing post-transplant

15. Haemotology and Clinical Pathology
   - Introduction of PNH workup and Urine sediment analysis by flow cytometry
   - Improvement in coagulation test methodology by introducing optical clot detection and liquid stable reagents.
   - Consolidation of anti Xa assay.

16. Histopathology and Cytology
   - LBC introduced for non – gynaec cytology

17. Microbiology
   - ALPHA Histoplasma EIA Test for histoplasma antigen in urine
   - 1-3 b-D-Glucan assay in serum (Fungitell assay)
   - Endotoxin level in dialysis water (Kinetic Turbidimetric LAL assay)
   - ICT (card test) for Visceral leishmaniasis (Antibodies to rk 39 antigen)
   - Estimation of IgG subclass 4 by rate nephelometry (BN prospec)
   - Antifungal susceptibility testing (AFST) by broth micro dilution method – 8 drugs (Sensititre plate)
   - Drug TB susceptibility test – MGIT (Shifted from Agar dilution method)

18. Direct (Rapid) Identification of Bacteria and Yeast from positive Blood culture broth by MALDI-TOF (Department of Laboratory Services)
19. AFB culture sensitivity (changed from AFB culture - automatic reflex anti TB sensitivity testing performed on all positive cultures (Department of Laboratory Services)

20. The Apollo Robotic Colorectal Surgery Programme

The Programme was established in 2015 and consolidated in 2016. The Programme has completed 82 robotic colorectal procedures, making this the busiest (by volume) robotic colorectal unit in India. Robotic surgery is offered as default to all patients requiring abdominal colorectal procedures.

Apollo Speciality Hospitals, OMR, Chennai

1. For the first time navigation assisted Total Knee Replacement on tumour knee with arthritis - Dr. Nandakumar Sundaram MBBS, FRCS, MSC (Orthopaedics)

Mrs. LM (49 years) was diagnosed to have Giant Cell Tumour (GCT) of bone involving her distal femur bone close to the knee joint for which she was treated by curettage and cementation 16 years ago, following which, she returned to normal life. However, during the past two years, she developed severe knee pain associated with extreme limitation of her daily activities and she was diagnosed with acute osteoarthritis of the knee with cement at distal end femur. In view of the complex nature of her condition, the treatment proved very difficult.

Patient sought opinions from leading orthopaedic and tumour joint replacement surgeons in the Middle East, UK and USA. Then she consulted Dr. Nandkumar and decided to go ahead with the surgery.

She was taken up for total knee replacement by Dr. Nandkumar Sundaram using conventional prostheses with navigation assistance (first instance in the world) with considerable success and recovery.

By using regular knee replacement prostheses with navigation assistance for osteoarthritis knee joint with treated Giant Cell Tumour distal femur with cementation, the patient stopped having restrictions or limitations and improved her quality of life.

2. Drainage of lung abscess using a double lumen tube in prone position - J Devachandran, R Pratheema, MDCCU

A 70 year old male with a background of diabetes and hypertension was transferred to Apollo-OMR from an outside hospital with severe sepsis and multi-organ failure from a very large lung abscess. He was already intubated and ventilated for respiratory failure. CT chest revealed a very large (10x8cm) lung abscess in the right lower lobe (see anonymised CT image). Cardiothoracic input was obtained with a view to exploring the possibility of surgical drainage. Unfortunately, the multi-system organ failure precluded a high risk thoracotomy and drainage; therefore, interventional radiology opinion was obtained for imaging guided drainage of the abscess. Since the parietal pleura was not adherent to the viscera, there was a fear that interventional drainage of the abscess could lead to an empyema with bronchopleural fistula, which is even more difficult to manage with an extremely high mortality rate. Therefore, a conservative management strategy was adopted initially. His bronchoalveolar lavage fluid grew pan-sensitive Klebsiella and Pseudomonas, which were treated with appropriate nebulised and parenteral antibiotics. To drain the abscess, a double lumen endotracheal tube was placed, the lungs were isolated and the patient was placed in a prone position with a slight trendelenberg tilt to facilitate postural drainage (see image). Approximately 200 ml of pus was drained through the double lumen tube without soiling the other lung. Post drainage CT showed good improvement.
Apollo Hospitals, Bangalore

1. **Largest series (55 patients) of a new diagnostic innovative modality for (Interstitial Lung Disease)** ILD called cryobiopsy, which would be published in a multicentre collaboration between Apollo, PGI, AIIMS and Coimbatore - Dr Ravindra Mehta, Dr Rajani Bhat, Dr Pavan Yadav, Dr Pavan Biraris and Dr Srikanta J T (Paediatric Pulmonologist)

2. **First Paediatric cryobiopsy** for a 10 year old child with ILD in the world (to our knowledge), which was submitted as a case report to the (Indian Academy of Pediatrics) IAP Journal - Dr Ravindra Mehta, Dr Rajani Bhat, Dr Pavan Yadav, Dr Pavan Biraris and Dr Srikanta J T (Paediatric Pulmonologist)

3. **Developed “The new Sinus Dilatation System”** - Dr Sunil N Dutt, Sr Consultant – ENT and Head and Neck Surgery along with his colleagues

The new Sinus Dilatation System that Dr Sunil N Dutt, Sr Consultant ENT, has developed with colleagues.

“SinuCare (www.sinucare.in) is designed to enable ENTs to provide a therapeutic intervention solution
when medical treatment is ineffective. The intent is to prevent loss of patient care due to refusal for a more invasive surgery (FESS).

SinuCare is a novel, double-balloon, sinuplasty system that uses state-of-the-art balloon dilation to open narrowed or blocked sinus openings. The SinuCare system comprises of the SinuGuide navigation system and the SinuVent balloon dilatation system. Together it provides a purely mechanical, partially reusable, product that dramatically reduces the per-procedure device cost to patients.


Hands-on workshop (on human cadavers) was conducted recently at MSR Learning Centre for key leaders in ENT from India with this new system.

4. Started Autologous Smashed Dermal Graft with Epidermal Re-closure: Modified Technique for Acne Scars - Dr Umashankar, Sr Consultant - Dermatology

Conventional technique of dermal grafting for acne scars where the sources of filler material used is the patient’s own dermis requires longer surgical time, recovery period, and can result in unsightly scars at the donor area. Hence, it is not suitable for treating larger number of scars. Also these dermal grafts are firm and cannot be contoured to fit all types of acne scars. Occurrence of epidermal cyst and secondary infection are other complications if epidermis is not completely removed. Enzymatic techniques needs trypsinization which is expensive and requires laboratory facilities.

Innovation: Smashed dermal grafting technique with re-closure of the donor area with epidermis addresses some of these issues.

This modified dermal grafting technique, which combines ultra-split thickness grafting and smashed dermal grafting, results in good improvement of the acne scars and also improves the cosmetic appearance at the donor area. Smashed dermal graft is soft and easily moldable to any shape, thus can be accurately tailored for all types of acne scars; surgical time is reduced by three times; the epidermis acts as a marvelous biological dressing material minimizing the chances of infection and reducing recovery time.

5. Elbow Arthroscopy loose body removal performed - Dr Manish Samson, Sr Consultant Orthopaedics

A 16-year-old national level cricket player presented with complaints of pain in the left elbow with restricted range of movements. It was his dominant hand. He was treated conservatively for about 1 year. He had injured his elbow while playing cricket. He had constant pain and terminally restricted movements on flexion and extension.

He underwent preliminary investigations, which showed OCD (osteochondritis dissecans) of the capitulum with a loose body in the anterior aspect of the elbow joint. Since he wanted to continue his sporting career he wanted pain free complete range of motion.

The team planned for arthroscopic loose body removal as this would give complete range of movements with less recovery time as against conventional open methods.

Patient was taken for surgery under General anaesthesia. The loose body was removed with a grasper. Synovium was debrided. Range of movements were checked and found to be satisfactory on table. Portals were closed. Patient was discharged next day with analgesics and was back to his sports after 12 days.
6. **Endovascular Management of post-traumatic direct left Carotid - Cavernous Fistula (Type I CCF)** by Dr Sharath Kumar, Interventional Neuroradiologist

7. Dr Saurabh Misra, Sr Consultant - Minimal Access and Bariatric Surgery has started e- TEP Rives Stoppa repair for ventral hernia (only surgeon to perform this in south India) and also has done TAR repair for complex hernias.

8. **Endoscopic Tricuspid Valve Replacement** in an isolated Tricuspid Regurgitation with Severe RV Dysfunction in a young patient who had undergone Primum ASD Closure in childhood by the CTVS team

**Apollo Hospitals, Bhubaneswar**

1. **Arthroscopic ACL Reconstruction: The All Inside Technique** - Dr Sanjeev Patnaik, Senior Consultant

   Anterior cruciate ligament reconstruction has evolved tremendously during the last few decades focusing on anatomical femoral tunnel positioning to restore normal knee kinematics and normal knee function. This technique has however got certain pitfalls, like hyperflexion of the knee, blown-up posterior femoral socket wall, difficulty in viewing the guide wire etc.

   To avoid these pitfalls a relatively new method to drill the femoral tunnel with The All Inside Technique was advocated. The advantages of this technique are
   - Independent femoral tunnel preparation
   - Knee is required to be flexed at comfortable 90 degrees
   - Longer femoral socket is said to be created
   - No damage to the pristine femoral and tibial articular cartilage

2. **‘SICD’ Sub cutaneous ICD – a technique for implanting an ‘Intra Cardiac Defibrillator (ICD)’ without taking any vascular access** - Dr Prasant Kr Sahoo, Dr Raghunath Mohapatra, Dr Anjan Das, Dr Biswa Ranjan Jena

   The first ‘SICD’ Sub cutaneous ICD – a technique for implanting an ‘Intra Cardiac Defibrillator (ICD)’ without taking any vascular access’ was performed for the first time in the state of Odisha. In total 6 such implants have been across the country.

   This is about a 30 year old patient with episodes of recurrent VT and idiopathic cardiomyopathy. His angiograms, PET were normal with no scar tissue. Moreover his ECG and clinical criteria did not fit him for a CRT-P / CRT-D implantation. To prevent ‘Sudden Cardiac Death’ it was decided to put a S-ICD, as he was an ideal candidate for the same. Patient has been discharged and is doing well.

**Apollo Hospitals, Dhaka**

1. **STARR procedure:** STARR Procedure (Stapled Trans Anal Resection of the Rectum) for the Obstructed Defecation Syndrome was performed for the first time in Apollo Hospitals Dhaka. A 61 years old lady from Chittagong, suffering from Chronic Calculus Cholecystitis with features of obstructed defecation syndrome, Hypothyroidism, Diabetes, HTN, Coronary Artery Disease was referred to Apollo Hospitals Dhaka for the treatment. The lady was discharged on the second post-operative day. She was doing well at discharge.

2. **Rastelli operation in AHD after a long pause:**

   Seven years and eight months old boy diagnosed with "Pulmonary Atresia with large VSD, PDA and single MAPCA (Major Aorta Pulmonary Collateral Arteries)" got admitted in the Department of Cardio-Thoracic and Vascular surgery on 10.10.16.

   Intra-Cardiac Repair (ICR) Surgery / Rastelli’s procedure under Cardio-Pulmonary Bypass was done on 12.10.16.

3. **Right Orbital decompression with FESS:** Four years four months and fourteen days' female baby was diagnosed with periorbital edema (Right Side) with purulent Pansinusitis with Septicaemia. Surgical decision to perform "Right Orbital decompression with FESS" was taken. It was a very challenging
operation in view of the worrisome condition of the baby and in a four year old child such a surgery was rarely performed. Any hair line mistake could have damaged the right eye permanently. The patient recovered after the surgery and was discharged in a stable condition with reduced eye swelling, subsided fever and the patient was cheerful.

4. **Debulking of the tumour by Left Pterional Craniotomy and Trans-Sylvian biopsy:** A 30 year lady was diagnosed with "LEFT FRONTOTEMPORAL TUMOUR" and debulking of the tumour by Left Pterional Craniotomy and Trans-Sylvian biopsy was sent on 31/10/16 from the lesion. The patient was shifted to the ward and gradual mobilization and physiotherapy for limbs was advised. On 04/11/16 patient was discharged and advised Radiotherapy as the histopathology report revealed diffuse fibrillary astrocytoma (WHO grade-ii). On the 10th POD patient came to OPD and suture removal. The wound was healthy and the patient was stable.

5. **Stereotactic biopsy of brain tumour:** For the first time in Apollo Hospitals Dhaka, Stereotactic biopsy from right Parieto-Temporal SOL was performed on a patient. Perioperative period was uneventful. The patient was discharged on the 2nd post-operative day.

6. **VSD patch closure in 9 years old child:** A nine years old girl having large ventricular septal defect with bidirectional shunt with severe pulmonary hypertension has been discharged after successful VSD patch closure. The girl was first reviewed by Paediatric Cardiology. Thereafter by clinical assessment and cardiac catheterization study she was transferred under Cardio-Thoracic Department for the surgical intervention. By commendable team effort of the Paediatricians, Paediatric Cardiologist, Cardiac Surgeon, Cath lab team and all other team members the patient recovered and was successfully discharged.

7. **Total Pelvic Exenteration with permanent Colostomy and Ileal Conduit:** The procedure was done on a patient with Chemo-Radio-Brachy resistant carcinoma cervix with Recto Vesico Vaginal Fistula: This very rare surgical procedure was performed for the first time in Apollo Hospitals Dhaka and rarely in Bangladesh itself. Patient was discharged on the 12th post-operative day with a full functioning colostomy and ileal conduit.

**Apollo Hospitals, Nashik**

1. **Renal Transplant**, First Renal transplant done successfully.

2. **Uterus secured by exploratory laparotomy in female with uterine rupture with 34 weeks gestation**

A 31 year old female patient G2P1L1, 34 weeks gestation previous LSCS came to Emergency Department in condition of hypotension and shock with history of pain in abdomen and difficulty in passing urine since last 24 hours. Patient (was immediately resuscitated and noradrenaline drip administered. Findings of USG revealed moderate hemoperitoneum, FHS absent, foetal head very near to maternal liver, loss of uterine contour s/o uterine rupture. Patient was immediately taken for exploratory laparotomy.

Intra operative findings revealed severe intraperitoneal haemorrhage with collection of about 3 litres of blood and clots removed. It was a uterine rupture. Previous LSCS scar had given way. Foetus was partially in abdomen and partially in uterus. After delivery of foetus and placenta haemostasis secured, and all bleeding vessels controlled. As uterus scar was clean, cut so decided for uterine conservation. Sutured uterine rent in double layer. She received 2 PCV intra-op. Post-op patient shifted to ICU where she received 3 unit PCV, 2 unit FFP, 2 unit of platelet along with higher antibiotic coverage. On 3rd post op day as patient’s condition was stable she was shifted to the ward and discharged on the 6th POD in haemodynamically stable condition.
3. **Harvesting of internal right and left artery without opening pleura**, same technique to be continued as it gives good clinical outcome

4. **All beating heart surgery done without using star fish**, Use of one octopus in one surgery, same technique to be continued as it gives good clinical outcome

5. **Minimally invasive Spinal Surgery in Nashik, which is the first of its kind in the city of Nashik** - Dr Shekhar Chirmade
   A few cases are enumerated below:
   - MIS - PLIF for spondylolisthesis and spinal canal stenosis
   - Percutaneous screw fixation for fracture spine
   - Anterior odontoid screw fixation for fracture odontoid

**Apollo Hospitals, Hyderabad**

1. **Robotic Guided Spine Surgery**

2. **A rare liver transplant on a six and half month old tiny baby weighing 5.5 kgs**
   One of the youngest and underweight infants to undergo liver transplant.

   Only few centres in the world carry out liver transplant on children lesser than 10 kgs in weight.

   The Liver Transplant team at Apollo Hospitals, Jubilee Hills, led by Dr Manish C Varma, Chief Transplant Surgeon, Apollo Hospitals, Hyderabad, performed a critical liver transplant surgery on a six and half month old baby boy, suffering from Biliary atresia. The transplant was carried out by taking a slice of father’s liver on 13th October, 2016. The infant is doing well and has since been discharged.

   The liver transplantation was done by a team of Specialists led by Dr Manish Varma and included Dr Anand Khakhar, Dr Anand Ramamurthy, Dr L Sasidhar Reddy, Dr Kirubakaran, Dr Manjunath Balasubramaniam, Dr Dinesh Babu and Dr Ramesh Srinivasan, Paediatric Gastroenterologist. The post-operative care of the baby was done by a team of specialists and critical care doctors including Dr Manjunath B, Anaesthetist and Intensivist; Dr Vishnu Vardhan Reddy, Paediatric Intensivist; Dr Meena Trehan, Paediatric Critical Care specialist; Dr Sunita Narreddy and Dr Ravi Barigala, Infectious Diseases specialists and Dr Ravi Shanker, Endocrinologist.

   A 50 year old male patient from Somalia had a bullet injury about 9 months back. Since then he was having continuous pain in the abdomen which prevented him from doing his work. He visited a lot of hospitals both in his country and in India. He was advised surgical removal of the bullet. In all the hospitals he was advised conventional open surgery.

   He then visited Apollo Hospital and after evaluating him thoroughly Dr P Siva Charan Reddy and team planned a laparoscopic surgery – wherein two small holes of 0.5 cm were placed in the abdomen and with the help of specialized instruments the exact location of the bullet was identified and the bullet was removed preserving the liver and the surrounding important structures. This surgery was done with very minimal blood loss and the patient was discharged within 24hrs. Post operatively patient was totally pain free and was back to his routine work.

   Laparoscopic removal of such a bullet injury is probably a first in the country and we at Apollo are proud to have done this.

4. **Implant of a fabricated functional nose on a patient, with a complex plastic and microsurgery**
   The patient, a Tanzanian man, lost his nose in a grievous assault and came to India, two years after the incident after exhausting options elsewhere. He was admitted to Apollo Hospitals on 3rd August 2016.
Doctors at Apollo Hospitals, Jubilee Hills, performed a rare case of nose implantation on a Tanzanian man, recently. Dr Sudhakar Prasad, Sr. Consultant Plastic and Cosmetic Surgeon, who performed this surgery, for implanted a fabricated nose, repaired to function, by painstakingly constructing it using skin, cartilage and blood vessels, from different parts of the body.

Dr. Sudhakar Prasad falling back on his vast experience of over three decades in plastic and micro surgery, conceived a pioneering and complex procedure to provide lasting relief to the patient. This unique method combined the techniques of plastic surgery and micro vascular surgery. In the initial stage with a combination of patient's forearm skin, cartilage grafts from ears and skin graft, a nose was moulded and cultured on the left forearm. After a suitable healing period, the newly created nose and the vessels supplying blood to it, were separated from the fore arm and transferred to the face. The blood supply was restored in the face by micro surgically joining the blood vessels of forearm to the blood vessels of the face, using sutures thinner than human hair. The new nose healed in a few weeks’ time.

6. Bifurcation Aneurysm Implant
It is a new category of intraluminal device intended to treat complex, wide neck intracranial bifurcation aneurysms. It is designed to support the coil mass at the level of the neck of those aneurysms that cannot be easily coiled or surgically treated.

7. Use of Ventilating Bougie during Percutaneous Dilatational Tracheostomy, Dr Y Sridhar Consultant Intensivist
Percutaneous Dilatational Tracheostomy is the favoured method of tracheostomy in ventilated ICU patients requiring prolonged ventilator therapy.

Variation in Technique: Use of Ventilating Bougie.

The team started using Ventilating bougie - FROVA intubating introducer 14 Fr (COOK MEDICAL) just before introduction of large bore needle and withdrew the endotracheal tube to the vocal cord level. The advantage with the Frova introducer is that the team can continue to ventilate the patient during the procedure. Once the introducing catheter is in the tracheal lumen, the endotracheal tube can be pushed back into the trachea and position confirmed. The rest of the procedure can be carried out as stated in the modified Ciaglia technique.

This technique of using ventilating Bougie during PDT is first in the world and the team has done 16 cases so far with no major setbacks or complications.

Indraprastha Apollo Hospitals, Delhi
1. Surgery of a 13 year old boy with a rare neck condition that caused his neck to hang at a 180-degree angle - Dr Rajagopalan Krishnan
A young boy who lived with a rare neck condition that caused his neck to hang at a 180-degree angle, at age 13, has been saved. This condition prevented him from going to school, eating, and using the restroom without assistance. The boy, from Madhya Pradesh, slowly lost the bone strength in his neck over time. This caused his neck to sag and slip down. At 13 years, the boy's mother still needed to feed, bathe, and dress him.
Julie Jones, a secondary school careers coordinator, launched a crowdfunding page and raised over £12,000 (14,695 U.S. dollars) for his surgery. With these funds, they were able to enlist the help of spinal surgeon Dr. Rajagopalan Krishnan of Apollo Hospital in Delhi. In a surgery that was the first of its kind, Dr. Krishnan operated on Mahendra’s spine by opening up the front part of his neck. Following the surgery in February, Mahendra spent time recovering in Apollo hospital. Through this incredibly complicated surgery, the young man was given salvation. Seven months on, boy's neck is straight, he has started attending school, and is able to hold his head up.

Apollo Gleneagles Hospitals, Kolkata

1. City's First Green Corridor Created for Transportation of Organs of Deceased Donor

Apollo Gleneagles Hospitals, Kolkata, bore witness to an instance of ‘humane touch’ that transforms lives. The parents of a young student, who had been admitted to the hospital following an accident on October 30, 2016, was declared brain-dead on November 03, 2016, decided to donate all his organs. This was the third recorded instance of a deceased-donor organ donation in the city in the year.

The deceased donor’s family contacted the hospital authorities, who got in touch with the Department of Health, Government of West Bengal, to facilitate this noble gesture. The Health Department officials extended prompt support, and on completion of the necessary formalities, the donor’s kidneys, liver and cornea were harvested for transplant. While one of the kidneys was given to a recipient at Apollo Gleneagles Hospitals itself, the other kidney and liver was taken to SSKM Hospital for transplant. A team of doctors was flown in from Apollo Delhi to undertake the procedures in collaboration with the expert surgeons at the hospital.

The Kolkata Police too, played a key role in the entire process, creating the first ‘Green Corridor’ in the history of the city to ensure that the harvested organs reached the target destination in the shortest possible time.
2. **First Comprehensive Respiratory Intensive Therapy Unit in Eastern India, Complete With ECMO Services**

Apollo Gleneagles Hospitals, Kolkata, announced the inauguration of the first comprehensive Respiratory Intensive Therapy Unit (ITU) in the region. The 10-bedded facility, which operates round-the-clock, is equipped with world-class infrastructure including ECMO, an experienced team of pulmonologists and specially trained respiratory ITU personnel, to help address all acute respiratory ailments and complications. ECMO, or Extracorporeal Membrane Oxygenation is an advanced device that ensures proper oxygenation of the blood in the case of a respiratory failure, by circulating it through an artificial lung. It acts as an extension of the heart-lung machine, providing bypass support to help the patient overcome respiratory distress.

A 37 years old lady with no previous history of comorbidities was transferred from an outside hospital on 31.07.2016 to AGHL, Kolkata. She was in her 36th week gestation and she was second gravida. She was admitted in the NH with history of fever for 3 days. She was malaria, Dengue, typhidot M negative.

On admission she was severely distressed, CXR showing severe ARDS. She was immediately intubated and ventilated.

Emergency LSCS done and a fresh still born baby was delivered on 01.08.2016. Patient was found H1N1 positive. Immediately Tab. TAMIFLU was started. Due to refractory hypoxemia ECMO (Extra corporal membrane oxygenator) started on her. ECMO continued for eleven days. In between she developed acute renal failure and also she had deranged liver function. For AKI she underwent haemodialysis through the same circuit of ECMO. Patient was weaned from ECMO as her oxygenation was improved after eleventh Day. Then she was slowly liberated from mechanical ventilation. Tracheostomy done on 10.08.2016 was decanulated in another 3 days. Patient developed leucopenia on day 23. She was also running low grade fever.

She was managed conservatively with barrier nursing protocol, IV antibiotics and her fever subsided and WBC count improved. Opinion was also sought from other consultants and their opinion incorporated.

She was haemodynamically stable and febrile at discharge.

3. **Inauguration of Dedicated State-of-the-Art Neonatal Retrieval Services**

Apollo Gleneagles Hospitals, Kolkata inaugurated its dedicated, state-of-the-art neonatal retrieval services, in the region.

Neonates, or infants younger than four weeks, require specialized care to help them cope with the different health challenges that could pose a serious threat to their life and continued wellbeing. In case of medical emergencies, the need for proper retrieval, therefore, becomes important, especially since the neonates are prone to develop conditions like hypothermia (low body temperature), shortage of breath, and a sudden deterioration requiring urgent resuscitation and ventilation support.

The Neonatal Retrieval team at Apollo Gleneagles Hospitals, Kolkata, has been organized to address these challenges.

4. **Recognition by the American College of Cardiology as the First International Centre of Excellence in India**

Apollo Gleneagles Hospitals, Kolkata, announced that it has been named as an International Centre of Excellence by the American College of Cardiology (ACC). The recognition, a first for an Indian healthcare facility, acknowledges the highest standards of medical practice and continuing dedication to the provision of quality cardiovascular care by the Cardiology team at Apollo Gleneagles Hospitals.
5. **Live Robotic Surgery Workshop for Head and Neck Cancers**
Apollo Gleneagles Hospitals, Kolkata, hosted a live robotic surgery workshop for head and neck cancers. This is possibly the first time that such a workshop was organized in this part of the country.

The lead faculty for the daylong workshop hosted at the advanced surgical facilities of Apollo Gleneagles Hospitals, Kolkata was the renowned head and neck onco surgeon Dr Yoon Woo Koh, Professor at Seoul’s Yonsei College of Medicine, Yonsei Head and Neck Cancer Centre, and Severance Hospitals. He performed the demonstrations in association with Dr Sukrit Bose, ENT - Head and Neck Onco Surgeon, Apollo Gleneagles Hospitals, Kolkata, who was also the convenor and course director for the event. The workshop was attended by over fifty specialist head and neck onco surgeons from across the country.

6. **Offer of new hope for intractable Parkinson’s patients using pioneering, rechargeable brain pacemaker**
Apollo Gleneagles Hospitals, Kolkata, on 14th January this year, a team at AGH’s Advanced Movement Disorder Clinic, under the able leadership of Consultant Neurosurgeon Dr Anirban Deep Banerjee, carried out a successful rechargeable bilateral sub-thalamic nucleus deep brain stimulation (brain pacemaker) surgery on a 55 year old single mother of three. The eight-hour long awake neurosurgery, implanting the constant-current based rechargeable brain pacemaker system, led to an almost overnight improvement in the patient’s symptoms. Her implant was then programmed and checked for best parameters, leading to a significant reduction in her medications and its side-effects. She has regained significant mobility, and is carrying out daily activities on her own. Her quality of life has improved significantly and her family is happy.

7. **Steps in to save victim of a rare accident**
A team of medical professionals at the hospital recently gifted new life to the victim of an almost-fatal accident. A 32 year old Mr B, was practising archery. While he had bent down to pick an arrow from the ground, a fellow-archer accidentally let loose another shaft, which pierced the body of Mr B. The arrow went through his left shoulder, through the left lung, and the descending thoracic artery, close to the heart. It perforated his food pipe and his right lung. With the arrow still inside him, the patient was rushed to the Emergency Unit at Apollo Gleneagles. He was immediately wheeled into surgery, where, an efficient team under the able guidance of Cardiothoracic Vascular Surgeon, Dr Suraj Kumar Pradhan, operated on him. The team removed the errant arrow, piece-by-piece. The patient was put on a Heart-Lung machine while the damage to his lungs and aorta were repaired. Fluid had started accumulating in his lung cavity, which was drained under CT guidance by Dr Usha Goenka, Director, Department of Clinical Imaging and Interventional Radiology, Apollo Gleneagles Hospitals. On the very next day, an endoscopy was undertaken by Dr. Mahesh Goenka, Director, Institute of Gastrosciences, Apollo Gleneagles Hospitals, during which, the two holes in Mr. B’s oesophagus were closed using Ovesco clips. A metal stent was also placed in his food pipe to cover the leak. The patient registered a speedy recovery, and was discharged, within a short span of two weeks.

8. **Introduction of Spyglass™ DS Direct Visualization System to Ensure Enhanced Visibility for Best Outcomes**
Apollo Gleneagles Hospitals, Kolkata, acquired the SpyGlass™ DS Direct Visualization System at its state-of-the-art Institutes of Gastroenterology. Apollo Gleneagles Hospitals, Kolkata is the first in Eastern India to adopt this technology. SpyGlass™ is a breakthrough innovation in Cholangioscopy, which overcomes the shortcomings of the traditional cholangioscopes. It ensures an unmatched, direct visualization of all bile-duct quadrants, enabling lifesaving treatment of patients afflicted by hepatobiliary disorders. The system comes equipped with enhanced features which improve
visualization and simplifies procedures. It includes a fully integrated SpyScope™ DS Access and Delivery Catheter, and a single-use scope that eliminates probe reprocessing and image degradation over multiple uses.

9. **Radical micro-neurosurgical complete removal of giant Skull-Base brain tumour** - Dr. Anirban Deep Banerjee
Radical micro-neurosurgical complete removal of giant Skull-Base brain tumour by subtemporal (intra- and -extradural) and lateral infratemporal (modified Fisch Type C) complex skull-based approach successfully performed by me on a 43 years old daily wage labourer from Ashok Nagar, Habra, WB. [Covered by Anandabazar Patrika (in June 2016), and others].

**Apollo Hospitals, Madurai**

1. **A Case of Congenital Cholesteatoma** An operation was carried out on a 7yr old by Endoscopic Tympano Mastoidectomy, Dr Meenapriyadharshini – ENT

2. **A Combined procedure of Endoscopy assisted laparoscopic surgery** on a 73 year old male for CBD injury during a difficult Laparoscopic cholecystectomy, Dr Suresh Kumar – Minimal Access and Dr Rajesh Prabhu – Medical gastroenterology

3. **Diagnosis and treatment of Alveolar Proteinosis Hypertensive pneumonitis** - Dr M Palaniappan, Sr. Consultant Pulmonology

Mr S, a 25 year old presented with Dry Cough of 3 months duration, associated with breathlessness. CT scan showed appearance of combined ground glass shadowing with reticular pattern and crazy paving appearance of both lung parenchyma with sparing of peripheral third (Alveolar Proteinosis) Hypersensitive pneumonitis. FOB was done to confirm the same diagnosis, diagnosed as Alveolar Proteinosis Hypertensive pneumonitis. The patient was thereafter treated.

4. **Dr Raja Pandian, Consultant Ortho Surgeon**, Revision THR on an 85 year old male

5. Performed TAVR on a 75 year old, first in the region, Dr Vivek Bose – Interventional Cardiology

6. **Hemi Arch replacement** for a patient with type an aortic Dissection by Dr V Sridhar, Sr Consultant, Cardiothoracic Surgery

7. **First Successful ABO** – Incompatible kidney transplantation (donor was patient’s mother, who was AB+ve and Recipient is B+ve) by Dr Siva Kumar, Consultant Nephrology

8. **Laparoscopic CAPD Catheterization** – the Gold standard way of doing CAPD catheterization by Dr Siva Kumar, Consultant Nephrology

9. Recently, we had a patient who came to ER with sudden onset of weakness in left side limbs and dysarthria. He had been having chest discomfort for the past 3 days and was taking PPI for the same. On arrival his power was grade 3 to 4 in left side limbs. His ECG showed changes consistent with acute MI. He was taken up for MRI Brain as the time of onset of stroke was not exact (as it was a wake up stroke). He met with the criteria of Thrombolysis. After consulting with the cardiologist Inj. Actelyse was administered. His power improved significantly the next day. He was taken up for PCI and LAD was stented. This case highlights the fact that acute MI may not be an absolute contraindication for stroke Thrombolysis and stroke lysis gives better results than MI Lysis – Dr S N Karthik, Consultant Neurology

10. **A case of large brain stem cavernous angioma in a 13 year old school going girl with extensive bleeding** - Endoscopic/microscopic Trans fourth Ventricular (Telovelar approach) to decompress the brain stem - Dr Sundararaj, Consultant Neuro Surgery
**Apollo Children’s Hospital, Chennai**

1. Made it mandatory to use E-Cooling sense device before any venous puncture in ER to protect patients from pain and make the procedure children friendly

2. ENT surgeons treated a case of thyroid carcinoma with secondary’s involving the carotid artery with follow up of a very good prognosis

3. A rare maxillary mid-facial compartment advancement procedure was done recently

4. Compound melanocytic nevus stage 4 treatment in a 3 year old Yemeni child vide surgical excision

5. A very rare bronchial carcinoid tumour was excised in a 14 year old girl with lobectomy of right side middle and lower lobe by paediatric surgeon

6. A very rare anterior mediastinal mass germ cell tumour excision in a 10 year old male. Excision was done in September by thoracic surgeon with successful outcomes

7. A rare common AV canal with tetralogy of fallot on a 9 month old from Tanzania and rheumatic double valve repair in a 12 year old

**Apollo Hospitals, Indore**

1. **Hinged Knee Replacement** done for the first time in Central India – Dr Sunil Rajan (Orthopaedics and Joint Replacement Surgeon)

2. **First Hybrid procedure aneurysm of Central India** and only the 5th in India – Dr Roshan Rao (Interventional Cardiologist)

3. **First Intra-arterial TPA in Indore City** given successfully to a comatose patient – Dr Abhay Bhagwat (Consultant Neurophysician)

4. **Spinal DSA** in patient with suspected spinal dural AOM – Dr Abhay Bhagwat (Consultant Neurophysician)

5. **Unicondylar (Oxford) Knee Replacement** done at Apollo Hospital, Indore (First in MP and Chhattisgarh) – Dr Sunil Rajan (Orthopaedics and Joint Replacement Surgeon)

6. **AVM Embolization**: 60 year old male presented with right Parieto-occipital bleed with Intraventricular extension due to rupture of Parieto-occipital AV malformation.

An onyx compatible microcatheter was placed in P3 segment of right PCA. The AVM was completely embolized using onyx liquid agent. Patient made good post procedural recovery.
8. **Full nose construction** of 12 year old boy by method of ‘prefabricated forehead flap rhinoplasty’ by Dr Ashwini Dash, Plastic surgeon.

**Apollo Speciality Hospitals, Nellore**

1. Apollo Parkinsonism Support Group created

2. **Neuro Surgery:** Artificial Cervical Disc Arthroplasty (Medtronic), first time in Nellore

3. Paediatrics: Master. V, was diagnosed with a rare disease - 11 beta hydroxy deficiency (Incidence of disease 1 in 1 lakh) and underwent treatment, Dr Ramamohan, Senior consultant, Endocrinology

4. **Successfully removed 'Massive Plexiform Neurofibroma'** around 2.5 Kgs from the face, extending from head to face and to lower chest, Dr Raja Sekhar K – MBBS, MS (General Surgery), FMAS

5. **Difficult procedure of reconstruction of both median and ulnar nerves and all flexor and extensor muscle performed in right arm fracture** - Dr Vivekananda Reddy (Orthopaedics Surgeon)

6. **Neonatal Surgery performed on a 15 day old baby** as she had Anorectal malformation. 1st Stage Colostomy was performed. 2nd Stage due as and when she would reach 8 Kg of Weight, Dr Raja Sekhar K – MBBS, MS (General Surgery), FMAS

7. **Endoscopic Endonasal Excision of big Encephalocele from lateral wall of Sphenoid sinus** (Sternberg’s Canal) and Repair of the skull base defect under GA, Dr Satheesh Kumar S – MBBS, MS (ENT Head & Neck)

**Apollo Speciality Hospitals, Vanagaram**

1. A **minimally invasive microsurgical technique – Lumbar microdiscectomy** was performed in 4 patients with all of them “very satisfied” with their surgical outcome and pleased with the results of their ambulatory care. Cost savings were reflected in reduced hospital stay and indirect savings in quicker return to work while providing relief of symptoms at rates superior to those of standard techniques. It is best indicated for young healthy adults with single-level, unilateral disc herniation +/- sequestration who had no prior disc surgery at that level (which is fortunately the most common presentation). Dr P Aghilavendan, Consultant Orthopaedics, Spinal day care surgery

2. **Fractures in hand were treated with a novel technique of bioabsorbable, translucent PLLA implant ArthreX**

Hyundai Engineers Mr R and Mr J who sustained fractures in hand were treated with a novel technique of bioabsorbable, translucent PLLA implant ArthreX. Result was a stitch less surgery with steristrips for the entry holes. In the X-ray no implant was seen. Consequently future X-rays will reveal the union of fracture clearly. Moreover patient need not worry of metal detectors in airports for that matter. Dr P Aghilavendan, Consultant Orthopaedics

**Apollo Hospitals, Sheshadripuram**

1. **Incidentally detected large infrarenal abdominal aortic aneurysm successfully treated with total endovascular approach**

A 72 year old male with long term Hypertension and recently diagnosed with Diabetes mellitus, while undergoing USG on routine health check-up, was found to have large Infrarenal Abdominal Aortic aneurysm. The Aneurysm was extending from renal arteries to aortic bifurcation. Maximum Diameter of aneurysm was 6.7cms. Considering his comorbidities, it was decided to go in for minimally invasive approach. He underwent EVAR (Endovascular aortic repair) with Medtronic Endurant Aortic Stent Graft system. It was done through a small cut down in femoral arteries. The procedure was smooth with aneurysm excluded from circulation without complications. He recovered quickly and was discharged in 3 days. At one month follow up patient was doing well.
Keeping the radial guiding catheter and guide wire in situ, a parallel catheter from femoral route with differential orientation of its tapering tip may find the plane of true lumen of the dissection caused by guiding catheter from radial approach.

**Apollo Hospital, Navi Mumbai**

1. A 102 year old gentleman with symptomatic, Irreducible inguinal Hernia was operated successfully (Inguinal Hernia Meshplasty) and discharged the next day which time he could walk on his own. Though inguinal hernia is a very common surgical condition, he is the oldest patient in medical literature to undergo surgery for inguinal hernia. He was denied the option of surgery at the age of 95 for the same problem. Dr Shalin Dubey

**Apollo Speciality Hospitals, Trichy**

1. Successful management of Critical Cases (By Dr Venkata Devanathan M)
   a) **Pulmonary valve myxoma** (A rare case)
   b) **Aortic root widening** – 1st time in ASH Trichy

2. Fungal endocarditis of aortic valve – Successful outcome (A challenging case)

3. **Dr Senthil Kumar N made a Guinness Book record attempt** for an exercise awareness programme in a rural school to highlight the fact that exercise is important to prevent heart disease. It was a group record attempt and results from Guinness committee are awaited

4. **Dr Chadiesh N has isolated rare Aspergillus species** i.e. Aspergillus quadrilineatus in the bronchial wash. Gene sequencing was done for species identification and the case report was prepared and sent for publication to National journal. (IJMM). Very few case have been reported so far.

For the first time in ASH, Trichy harvesting of organs for transplantation was done under Dr Vel Arvind’s guidance.
5. **One of the challenging procedures done (third of its kind in Trichy)** by Dr Syed Ali S. Odontoid screw fixation for Type II Odontoid fracture:
   a) Technically demanding procedure
   b) With an incision of 1 inch

6. **Rare procedures**
   a) Laparoscopic Partial Nephrectomy (Nephron Sparing Surgery) – Dr Alagappan C
   b) Laparoscopic Boari Flap (Ureteric Re-implantation) – Dr Alagappan C

**QUALITY IMPROVEMENT PROJECT**

**Designing and Implementation of Naso-Gastric Tube Aspiration Collection Bag (Apollo Speciality Cancer Hospital, Teynampet, Chennai)**

**The Need:**
Apollo Speciality Cancer Hospital, Teynampet, provides intensive care and treatment to chronically ill patients and majority of the post-operative patients are inserted with the nasogastric tube for aspiration. Since, there was no available standard device, a methodology was adopted by using the infusion set, three way connector and jerry can for conducting continuous naso-gastric aspiration. However this methodology was challenging to both the patients and the staff.

Common problems identified during this process of nasogastric aspiration were:
- Difficulty in procuring the bottle, connecter and tubing
- Assembling the device which was time consuming
- Spillage of content during collection
- Interference with continuous aspiration
- Contamination while handling the aspirated fluid

- Difficulty in mobilizing the patient resulting in discomfort for the patient
- Inaccurate measurement of the naso-gastric aspirate fluid volume
- Contamination of environment
- Obscurity in observing the colour, consistency and volume of fluid

**Conceptualization:**
There were many instances of spillage and interruption of continuous aspiration for patients fitted with naso-gastric tube and this was brought to the attention of the nursing head. A team was formulated which consisted of Medical Superintendent, Nursing Superintendent, Pharmacy In-charge, Surgeons, Nursing Leaders and Surgical Nurse. The team brainstormed to find a solution for the above mentioned problem. Having come up with an idea, it was decided to approach one of the manufacturers to prepare a sample as per specifications given by the team.

**Discussions and Analysis:**
The instances of spillage of aspirate fluid was monitored for five months and the reason for the same was analysed.

The graph shows the incidence of gastric aspiration spillage before introduction of the bag and the nil instances after introduction.

It was concluded that the main reason for spillage from the NG tube aspiration was the dislodging of the tube from the bottle due to patient movement and this would happen inspite of securing the tube to the bottle.
Aim of the project:
- The aim was to prevent the spillage arising from NG tube aspiration thereby avoiding contamination to the environment, preventing infection for the patient, nurse, attendant and others attending to the patient
- To reduce the non-value activities of the nurse which includes assembling the device
- To provide comfort to the patient when he/she is mobilized

Trial Run:
The nursing team, based on the past experience designed a type of naso-gastric aspiration collection bag. The same was discussed with the manufacturers and details of the design furnished.

Later, a sample bag called "Molidrain NG" was received from the manufacturer and after the Consultant’s approval the same was used on one patient. As a trial the nasogastric aspiration bag, was first implemented in surgical ward for post-operative patients requiring continuous drain of nasogastric content.

Implementation:
The trial usage of "Molidrain NG" was appreciated by (1) The patient on whom the device was fitted with, (2) primary surgeon, (3) nurses who handled the bag.
- The patient was happy due to the light weight, well secured bag preventing spillage of fluid This bag enabled them to freely move in and out of bed
- The nurses did not have to spend time on collecting the various items to form the device as in the old method
- As there was no chance for spillage, environmental contamination was eliminated
- Housekeeping staff were also happy due to infection free environment

Hence it was decided to implement the same for other patients in the hospital requiring the NG aspiration collection bag. The bags were stocked in the pharmacy through proper process and were available to patients based on indent.

Cost of implementation:
The new nasogastric aspiration bag implemented was found to be both cost effective and cost efficient. There were no additional costs accrued for the bag.

Challenges and difficulties during implementation and sustainability study:
Since it was a new device, many manufacturers were not willing to produce the bag as the profit for them was only minimal and the usage of these bags were only confined to the gastro-enteric surgeries.

However the practice was sustained without issues and was beneficial to the patients and the staff as well.
Impact or benefits:
Cost effectiveness and savings:
The device was included in the consumables billed to the patient and there was no extra expenditure incurred. The cost of the bag was also less as compared to the old device.

<table>
<thead>
<tr>
<th>NG aspiration tube - (Old device)</th>
<th>Molidrain NG - (New device)</th>
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<tbody>
<tr>
<td>IV SET - 126/-</td>
<td>NG collection bag - 82/-</td>
</tr>
<tr>
<td>Three way connector - 145/-</td>
<td></td>
</tr>
<tr>
<td>Jerry Can - 25/-</td>
<td></td>
</tr>
<tr>
<td><strong>TOTAL</strong> 296/-</td>
<td><strong>TOTAL</strong> 82/-</td>
</tr>
<tr>
<td>Cost saved per device 214/-</td>
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Benefits accrued:
The implemented nasogastric aspiration tube was found to have a beneficial intangible effect that resulted in patient satisfaction.

Clinical excellence:
- Accurate measurement of the amount of aspirate fluid volume.
- Continuous drainage: Observation of amount, content, consistency, colour or any changes of the aspirate content could easily be identified due to transparency and accurate measurement with its standard markings on the bag.
- Hygienic practice: Reduced the spillage of the aspirate content thus resulted in clean environment and decreased exposure to infection.
- Readily available in the in-house pharmacy
- Time saved: The time spent for connecting the old device was half an hour whereas the new device was connected to the patient in 10 minutes.
- Elimination of product defects. Chances of product defect are nil when compared to the previously used drain. The “Molidrain” was a light weight bag, easy to connect and disconnect and most importantly accurate markings were present for measurements.
- Continuous nasogastric drainage of the content could be achieved without the need to disconnect the drain during ambulation or any mobilization out of the bed. This contributed to early recovery as it allowed patient mobilization on the 1st post-operative day itself, and the chance of acquiring any pulmonary complications was reduced. In addition, it allowed continuous drainage without any interruptions thereby achieving its main purpose of gastric decompression.

Service Excellence:
- Patient satisfaction: It provided comfort to the patient in terms of mobilization and allowed complete drainage of the gastric contents by using gravitational force only. It was portable and allowed patients to be mobile where a small hook from the bag could be attached to the patient’s belt.
- Consultant’s satisfaction: Routine gastric decompression after major surgery could be achieved aiding in faster patient recovery.

Long term benefits:
- Since it was readily available and could be fitted within 10 minutes, it was preferred by the nurse.
- Patients preferred this bag because, apart from being cost effective, due to its light weight it could remain without being disconnected even during mobilization.
- Surgeons preferred this bag because of the measurements marked on the bag for easy observation, colour, and consistency of the amount collected.
- The housekeeping staff were happy because this bag helped maintain a clean environment by preventing spillage.
- A trial has been initiated for the collection of pleural and ascitic fluid tapping on similar lines.
INFORMATION TECHNOLOGY (IT)

Information and communication technology is the backbone of our healthcare delivery systems and patient care processes. The advancements in IT are greatly impacting the quality of care and also the way healthcare is being rendered. The following are the initiatives deployed by the Information Technology team at Apollo Hospitals:

**Fever Watch – Continuous Fever Monitoring System**

Fever Watch is a healthcare gadget that monitors fever and hypothermia spikes to enable swift action. Even minimum fever levels for both children and adults may lead to seizures if unattended and subsequent fatalities. This gadget connects with the users’ smart phone and helps to easily communicate information thus speeding up diagnosis and treatment.

Fever Watch helps to identify whether the fever is continuous, intermittent, and remittent or biphasic and in the identification of the disease. Febrile Seizures, Malaria and Wunderlich Curve of the fever, indicative of typhoid, can be inferred from the fever graph. Study of the fever pattern through the Fever Watch, helps to reduce the number of investigations.

**Breast Milk Barcoding System**

Breast Milk Barcoding System has been introduced to prevent the errors in administration of stored breast milk. Such errors are a potential source of infections to the recipient baby and also cause emotional stress to both the mother and recipient families. Apollo Hospital administration sought to improve the safety of breast milk handling and its administration through the utilization of barcode enabled technology. Scanning the patient’s wristband barcodes prior to administration of medications has proven to be successful in decreasing medication related issues.

The same principle is being followed for the breast milk administration solution. This includes the five rights of administration thereby ensuring the highest levels of patient safety, quality of service and comprehensiveness of care.

**Increase levels of Patient safety, Quality and Clinical care by adoption of Innovation in Nutrition Care Process**

The conceptualization of the Dietitian Module started early in the year 2014. A series of brainstorming meetings were conducted to determine the components of this comprehensive module.

The implementation of Dietary Module helps in streamlining the workflow by automating the manual processes. The electronic module enables the nutritionists to better manage the diet orders. Safety features such as the triggering of alerts, are built into the module and enable prevention of harmful reactions related to food allergies.
The module is completely integrated with HIS-Medmantra. Patient information is securely transmitted across the various hospital departments. Using the mobile technology that interfaces with the Dietary module, the staff can therefore directly insert patient’s data into the system at bedside. As the delivery of personalized patient care continues to be an ongoing initiative at Apollo Hospitals, Chennai, the Dietary Module has become indispensable for nutrition service leaders who strive to achieve patient safety and thriving patient satisfaction scores, at the same time.

**PRECISION ONCOLOGY AT APOLLO**

Cancer care has moved into the era of personalized medicine where individual therapies are tailored to fit the needs of individual patients. Precision Oncology at Apollo Cancer Institutes has been established to deliver this personalized care to every patient.

Precision medicine is a personalized approach to treating cancer based on a patient’s individual genetic makeup. While traditional methods treat cancer by disease type, precision medicine looks at specific cancer-associated genes in cells and then targets the “Achilles Heel” of the tumour, or the genetic drivers that cause cancer.

Therapies are matched to pinpoint and destroy specific genetic abnormalities and mutations in a patient’s tumour, while sparing normal cells. Genomic sequencing, a process used to determine the genetic makeup of a patient’s cancer, may reveal that medications not conventionally used for cancer can effectively treat cancer.
PROTON TREATMENT CENTRE AT APOLLO

The Proton Treatment Centre at Apollo Hospitals, Chennai would be the first proton cancer centre in South East Asia. It would focus on organ specific cancer management and would have a dedicated Apollo Oncology Team. Proton Beam Therapy provides an advanced radiation treatment option for the oncologists. The treatment provided would be highly precise and the radiation focuses directly into the tumour, without causing any harm to the adjoining tissues. Tumours in difficult to access areas such as, in head, neck, brain, pancreas and prostate could be targeted. Paediatric cancer patients would also benefit to a great extent from this technology.

The Proton Treatment Centre shall also identify priority areas for research and development and related areas and would carry out basic and applied research. It would develop cancer control strategies which would include newer modalities of prevention, early diagnosis and treatment of cancer.

APOLLO HOMECARE

Apollo Homecare ensures that high quality healthcare becomes more accessible to the community. Integrated healthcare for elderly, chronically ill patients and patients recovering post-surgery ensures personalized attention from well - trained and qualified healthcare providers in the comfort of their homes.

Apollo Home Care is an extension of Apollo Hospitals’ care continuum and excellence in healthcare provision.
With unique treatment options, Apollo Homecare delivers clinical excellence with compassion and care within the comfort of home. The goal of Apollo Homecare is to enhance the quality of lives, by upholding the dignity of those receiving care as well as supporting those who give care. Services include treatment of common conditions, long term care, post-operative care, lab investigations and advanced treatments like Home dialysis, Home chemotherapy, Home ICU setup, Home ventilator care, Blood transfusion @ home.
INAUGURATION OF NEW HOSPITALS

Inauguration of Apollo Hospitals, Navi Mumbai

The inauguration of Apollo Hospitals at Navi Mumbai marks our foray into the state of Maharashtra. The inauguration ceremony, held on 14th November 2016, was graced by Shri CH. Vidyasagar Rao, Hon'ble Governor of Maharashtra & Tamil Nadu and Shri Devendra Fadnavis, Hon'ble Chief Minister of Maharashtra.

The Apollo Hospitals at Navi Mumbai, a world class tertiary care hospital, is well poised to serve the people of Maharashtra and also the patients who come to India looking for high quality medical care at an affordable cost. Spread over 7,00,000 sq. ft., the facility houses more than 50 specialities, provided with state-of-the art equipment and offers multi-disciplinary high-end tertiary care. The 500-bedded super speciality hospital is equipped with cutting edge technology, 14 Operating Theatres, 3 Cath Labs, 69 consultation suites, superior 5-bed standard units, spacious single rooms and 4500 sq. ft. of presidential suites. The world class healthcare facility with clinical and technological advancements at par with global standards, will set new benchmarks in healthcare delivery and patient experience in Maharashtra.
TELEMEDICINE

Apollo Tele Health Services (ATHS)
Apollo Tele Health Services (ATHS) is the largest and oldest multi-speciality telemedicine network in South Asia. Excellence in year 2016, is reflected through the following initiatives:

Reforming the Public Health System – in a PPP with the Government of Andhra Pradesh

In order to provide quality primary healthcare to the urban poor population of Andhra Pradesh, at their doorstep, the state government has launched the 'Electronic Urban Health Centres', known as the Chief Minister’s Urban Health Centres (CMUHC). These would serve as the first point of intervention for patients who typically can be treated at the primary level for their health condition. Through this initiative, the Government aims to reform the public health system and serve the healthcare needs of families which are below the poverty line or close to it.

ATHS has become the designated healthcare provider for 164 such CMUHCs across 9 districts of Andhra Pradesh. On November 9th 2016 the Honourable Chief Minister, Mr Chandrababu Naidu inaugurated the Electronic Urban Healthcare Centre (CMUHC) in Vijayawada in the presence of the Honourable State Health Minister Mr. Kamineni Srinavas.

ATHS would provide primary healthcare services and laboratory investigations through general practitioners and nurses at these CMUHCs. Patients can now access Apollo's specialist doctors remotely through Telehealth solutions.

Through this initiative, ATHS aims to serve 13.2 million people in three years, thereby catering to basic and advanced healthcare needs of approximately 20% of the total population of Andhra Pradesh.

The National Health Mission aims to take this initiative across more states and leverage the best technological innovations to provide primary healthcare to the underserved population of the country.

Mass Screening for Non Communicable Diseases (NCDs)

On the eve of World Diabetes Day, in the month of November 2016, the Apollo Tele Health Services in association with Landmark Group launched a unique Diabetes Screening Programme, “BEAT DIABETES – TAKE THE TEST” across 100 selected Lifestyle and Max retail stores of Landmark (LM).
This novel initiative encouraged the customers visiting the stores to “Take the Test”, for free. Over 80,000 people undertook this test during the campaign period. Around 12.11% of the people screened had a Random Blood Glucose Value of greater than 140. Of these people with High Random Blood Glucose value, 48% were tested for the first time. Apollo Tele Health Services facilitated this unique 10 day campaign across 15 states and 42 cities.

The objective of this programme was to create awareness by early detection and importance of lifestyle change, promotion of a healthy diet, physical activity and self-care.

Through this programme ATHS developed the capability to screen over 1300 people in a single day camp using Information Communication Technology (ICT) enabled automation process integrating with Telemedicine. It became the most sought after agency in the country, showcasing scale and reach, along with quality and patient follow up.

The various formats used for this initiative included:
1. GetActive- Community screening for Diabetes, Hypertension, Cardiovascular Risk, Total Cholesterol, Anaemia in women on a camp mode including remote doctor tele-consults
2. SHE- Awareness on NCDs amongst lower income group home makers with a focus on women’s health and family wellness
3. Take the Test-TTT- Diabetes awareness during world diabetes day spanning 42 cities and 100 stores to screen 1 Lakh people in the country in 10 days

Over all through this programme ATHS and LM impacted around 3 lakh people in Delhi/NCR, Chennai and Bangalore for this FY 2015-16.

**Telehealth in the Himalayas**

The Himachal Pradesh-Telehealth Services programme by ATHS has made quality healthcare more accessible for the remote populations of Keylong and Kaza in the Lahaul and Spiti districts of Himachal Pradesh. by successfully setting up the world’s 1st Telemedicine Centre at an altitude of 13,500 feet. The initiative undertaken by Apollo Telehealth Services (ATHS), has been seamlessly delivering the much needed emergency, primary and speciality tele-consultation services to this population which is disadvantaged because of its geographic terrain.

In the last 24 months, this programme has delivered more than 5600 speciality and super speciality consults and more than 450 emergency cases have been stabilized. This also implies that in every 180 minutes, a new patient is treated in these telemedicine enabled Community Health
Centres. On an average, every 2nd day, a patient is being stabilized through Tele-Emergency services. Hundreds of ambulance trips and numerous helicopter evacuations have been avoided. This is the only high altitude telemedicine programme in India that is delivering specialised healthcare services to a remote population of 34,000.

The initiative has helped the State Health department of Lahaul and Spiti district to restore faith in the public health system and many adjoining districts are requesting the implementation and extension of the same. Thus Apollo-Telemedicine has become the preferred partner for the healthcare services in the State translating to two more new sites in Himachal Pradesh.
CORPORATE SOCIAL RESPONSIBILITY (CSR)

Total Health Programme
CORPORATE SOCIAL RESPONSIBILITY

TOTAL HEALTH PROGRAMME

Founded in the year 2013, the concept of ‘Total Health’ is India’s first integrated rural healthcare service delivery network in the private sector. Initiated by the Apollo Hospitals Group, Total Health aims to provide ‘Holistic Health Care’ for the entire community: right from birth, through an individual’s journey into childhood, adolescence, adulthood and through his/her entire life. In other words, Total Health signifies the total well-being of an individual, inclusive of physical, mental, social, ecological and spiritual health, and more importantly, it transcends barriers and caters to the health care requirements and aspirations of the community through their journey from the “womb to the tomb”.

Total Health Foundation is being piloted in Thavanampalle Mandal of Chittoor District, Andhra Pradesh, which happens to be the birthplace of Dr Prathap C Reddy, and would cover more than 54,000 people across all age groups. This Programme aims to promote a healthy and happy living atmosphere through promotion and protection of health, prevention of disease, protection of ecological balance and need-based community infrastructure development.

Approach and interventions

The initiative started with an assessment of the health, social and economic status of the community. This included a door-to-door survey, using the World Health Organization’s (WHO) STEPwise approach.

The Total Health household survey is under progress in 195 villages. During the year 2016, 1382 households 4851 family members have been covered in 138 villages. From the inception of the survey i.e., from December 2013 till 31st December 2016 10855 households with 28271 members have been covered including Old Family New Members (OFNM).

Total Health Mobile Clinic

The "Mobile Clinic" is a miniature comprehensive mobile health care unit. This unit travels the length and breadth of the Thavanampalle mandal for providing basic health care and education to the population.

The mobile clinic caters services to the communities in 98 villages of the district. In the year 2016, it extended health care services including the basic health investigations to 4551 people, out of which 2302 were male, 2205 were females and 44 were children. 1887 patients were hypertensive and 1930 people were diabetic. Patients who underwent the HbA1C investigation were 492 and 2848 patients were diagnosed with other conditions.
Non Communicable Diseases (NCDs) - HbA1C investigation and package
As part of screening of NCDs in the villages, 492 patients were referred to Apollo Aragonda for HbA1C investigations. To improve timely health care services to the patients suffering from NCDs, the NCD package which includes investigations like RBS, AC/PC, Blood Urea, Serum Creatinine, Total Cholesterol, TGL, ECG, Hb, HDL and HbA1C and 6 months consultation with RBS was introduced.

Total Health Satellite Clinic
The satellite clinic was established with an objective of providing community-based primary health care services at the door steps of the community and improve access to general health care for both the general population as well as those suffering from NCDs.

The satellite clinic has all the basic Out Patient health care facilities, which cater to 63 villages with a population of more than 35000. Apart from providing health care for all the common ailments, the main focus is on the treatment of NCD cases. The extended healthcare services also include the basic investigations conducted for 4500 people.

RNTCP (Revised National Tuberculosis Programme, Govt. of India) - Designated Microscopy Centre (DMC)
The unit has been set up in association with the government agencies. ‘Total Health’ entered a Memorandum of Understanding with the Chittoor District Tuberculosis Department to establish the DMC. In 2016, around 300 patients were tested out of which 25 were positive and were referred to Government General Hospital, Chittoor.

Total Health - School Health Camp
Total Health initiated a school health camp with a focus on screening for cardio vascular diseases. Over 3500 students were screened in various government schools of the Thavanampalle Mandal and 344 students are suspected to have cardio vascular disorders. For these suspected students a specialist team from Apollo Hospitals, Chennai did the second level investigation.
Total Health – General Health Screening Camp
Total Health conducted general health screening camp for the community of Thavanampalle Mandal to promote health awareness and conduct cancer screening. Around 690 people from four villages benefitted from this camp.

Total Health – Eye Screening Camp in association with Global Association of Physicians of Indian Origin (GAPIO)
Total Health conducted an eye screening camp in association with GAPIO and screened 751 patients from 51 villages of Thavanampalle Mandal. Spectacles were distributed to 160 patients.
Total Health – Nutrition Centres for Pregnant Women
Nutrition Centres were primarily set up to provide adequate nutritional support in the form of daily supplementary food to the pregnant and lactating mothers from the needy and poor families. The benefits envisaged from this intervention are improved maternal health, increased birth weight of the child and adequate breast-feeding for the child.

Apart from this, a periodic (once in 15 days) health check is conducted for the expectant mothers. Education sessions are also conducted for preparing low cost nutritional food, stressing the importance of breast feeding, physiology of trimesters and the importance of institutional deliveries.

Currently Total Health supports six nutrition centres with 196 beneficiaries.

Total Health – Nutrition Centres for the Geriatric Population
Total Health extends care and support to the elderly members of the community by providing supplementary nutritious mid-day meal along with periodic health care. Two more nutrition centres for the geriatric population were initiated in 2016. Thus the current total of three nutrition centres cater to 83 elderly members in three villages namely Uppuvoddipalli, Charala and Ponnedipalle.

Kitchen Garden Seeds Distribution
Total Health distributed different varieties of vegetable seeds to promote Non Pesticide Management (NPM) based backyard kitchen gardens to enhance quality and healthy living amongst the people. 1870 families in 42 villages were benefitted.

Potable Water Support
To prevent occurrence of water borne diseases and to provide potable water to the community in
Thavanampalle mandal, Total Health has established RO water plants in five Gram Panchayats, thus benefitting 26 villages with a population of more than 20,000.

**Individual Sanitation Support**
The Total Health Household Survey reveals that 52% of the households do not have individual sanitation facilities. Total Health in association with the respective Gram Panchayats facilitated the provision of individual toilets in 1000 Households and in 2016 supported 561 households.

**Distribution of Dustbins**
As part of the Swachh Bharat Mission, Total Health, in association with the Gram Panchayats, undertook the initiative to keep the environment clean in the villages. Dustbins were distributed to 1400 households in the Aragonda Gram Panchayat. The Gram Panchayat facilitated the collection of the household waste at the door steps and provided proper disposal mechanism.

**First Aid Training to Community Police Officers**
The Total Health team organized training on “FIRST AID” to the community Police, wherein more than 100 police personnel participated.
Initiatives to Focus on other Wider Determinants of Health

Total Health Programme also includes the following initiatives for the Thavanampalle Mandal:

1. Livelihood and skills development, through various vocational training courses such as tailoring and jute bag manufacturing
2. Promotion of rural sports for the youth
3. Promotion of Yoga in the community
4. Distribution of study materials and child friendly furniture to schools
5. Promotion of AYUSH and Ayurvedic system of treatment

Awareness and Education on Health Related Issues

The Total Health team conduct health awareness and education programmes. These sessions were conducted for the community and school students and covered the harmful effects of tobacco usage, and prevention of NCDs. General Health education including nutrition, personal hygiene, anaemia and sanitation was also imparted.
Other Total Health Programme initiatives for the Thavanampalle Mandal
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ACADEMICS

APOLLO HOSPITALS: A CENTRE OF EXCELLENCE FOR POST GRADUATE MEDICAL EDUCATION

DNB/FNB Programme at Apollo Hospitals:
The National Board of Examinations (NBE) has accredited Apollo Hospitals for training and examinations in 15 broad specialities and 16 super specialities besides 2 years Postdoctoral Fellowship (FNB) programmes in 8 sub-specialities in a non-formal milieu.

<table>
<thead>
<tr>
<th>Broad Speciality DNB</th>
<th>Super Speciality DNB</th>
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<tr>
<td>Primary and Secondary</td>
<td></td>
</tr>
<tr>
<td>1. Anaesthesiology</td>
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<td>2. Emergency Medicine</td>
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<td>3. ENT</td>
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<td>4. Family Medicine</td>
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<td>5. General Medicine</td>
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<td>6. General Surgery</td>
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<td></td>
<td>1. Cardiac Anaesthesia</td>
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<td></td>
<td>2. Cardio Thoracic Surgery</td>
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<td></td>
<td>3. Cardiology</td>
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<td>4. Endocrinology</td>
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</tbody>
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7. Nuclear Medicine
8. Obstetrics and Gynaecology
9. Orthopaedics
10. Paediatrics
11. Pathology
12. Radio diagnosis
13. Radiotherapy
14. Respiratory Diseases
15. Transfusion Medicine

1. University of Sydney (Australia) IPPC International Certificate Course in Pediatrics
2. University of Liver Pool - UK
   • FEM - Fellowship in Emergency Medicine
3. RCGP (UK)
   • DFM - Diploma in Family Medicine

PDCC: Post-Doctoral Certificate Course in Nephro Pathology by Indian College of Pathologists at Hyderabad
5. Gastroenterology  
6. Medical Oncology  
7. Nephrology  
8. Neuro Surgery  
9. Neurology  
10. Paediatric Cardiology  
11. Paediatric Surgery  
12. Plastic Surgery  
13. Rheumatology  
14. Surgical Gastroenterology  
15. Surgical Oncology  
16. Urology (Genito Urinary Surgery)

<table>
<thead>
<tr>
<th>FNB</th>
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<tbody>
<tr>
<td>1. Critical Care Medicine</td>
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<tr>
<td>2. Infectious Diseases</td>
</tr>
<tr>
<td>3. Interventional Cardiology</td>
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<tr>
<td>4. Minimally Access Surgery</td>
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<tr>
<td>5. Paediatric Gastroenterology</td>
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<tr>
<td>6. Paediatric Haemato Oncology</td>
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<tr>
<td>7. Paediatric Intensive care</td>
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<tr>
<td>8. Neuro Anaesthesia (approval awaited)</td>
</tr>
</tbody>
</table>

The following programmes have been proposed to the NBE for 2017-18:

<table>
<thead>
<tr>
<th>Proposed to NBE 2017-18</th>
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<tbody>
<tr>
<td>1. Anaesthesiology for Minimal Access</td>
</tr>
<tr>
<td>2. Bariatric and Metabolic Surgery</td>
</tr>
<tr>
<td>3. Liver Transplant</td>
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<tr>
<td>4. Paediatrics Urology</td>
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<tr>
<td>5. Renal Transplant</td>
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<tr>
<td>6. Foetal Medicine</td>
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</tbody>
</table>

New FNB courses for the academic year 2017 have been planned.

As of 31st December 2016 there were 407 DNB/FNB seats in the Apollo Hospitals Group with 746 trainees pursuing the DNB/FNB programmes in 10 of the Apollo Hospitals.

**MEDVARSITY**

Medvarsity Online is India's first and largest online healthcare training company with over 30,000 medical professionals trained and certified. The platform provides medical education of highest quality through e-learning and supports the learning of the clinical professionals.

Various programmes are being offered as part of Post Graduate medical education initiative at Apollo Hospitals Group with the aim of developing competent human resources in the medical arena.

**Academic Achievements of Medvarsity**

**Diploma in Emergency Medicine:**
This course is especially aimed at doctors interested in enhancing their emergency care skills or making a career in emergency medicine. This course provides broad, in-depth and updated knowledge in all aspects of emergency care with Royal Liverpool Academy and Apollo Hospitals Education and Research Foundation (AHERF) as Certification Partners. Royal Liverpool Academy, UK also provides quality assurance for this course.

More than 2500 physicians have been trained in this course till date.

**Diploma in Family Medicine:**
This course is aimed at doctors interested in pursuing a career in family practice and relevant to doctors of all backgrounds from early career to those established in their specialities. Expert clinical members of accredited hospitals are involved in teaching and supervision with quality assurance
by Royal College of General Practitioners. More than 1000 medical professionals have successfully completed this course with Medvarsity.

**PG Diploma in Infectious Diseases:**
The course is designed to enable healthcare professionals to enhance their knowledge of infectious diseases and introduce them to the essential aspects of public health control of infectious diseases, including surveillance, screening, epidemiology, vaccination and outbreak control. This course is aimed at doctors who would like to improve their skills and enhance their knowledge to support implementation of infectious disease programmes. Any MBBS graduate registered with a State Medical Council or the Medical Council of India (MCI) is eligible to take this course.

This qualification is ideal for healthcare practitioners who wish to gain a better understanding on the principles of infectious disease control in populations and who wish to pursue further studies, either in the field of Infectious diseases or Epidemiology or Public health at large. The students develop strategies for the control and treatment of infectious diseases, acquire new knowledge and update their current expertise. Live Virtual classes are held throughout the year by expert faculty. This Course is accredited by UNSW and jointly certified by School of Public Health and Community Medicine, UNSW and MedVarsity.

**Fellowship in Dialysis:**
The course is an endeavour to prepare physicians more efficiently to play a critical role in delivering the best dialysis treatment, develop, extend and enrich existing knowledge about renal failure and the care of people undergoing dialysis, to explore existing attitudes and beliefs about the dialysis procedure, explore and discuss the value of teamwork during dialysis. Any MBBS graduate registered with a State Medical Council or the Medical Council of India (MCI) is eligible to take this course.

With the number of patients in need of dialysis on the rise, opportunities abound for doctors on successful completion of the training in the field of dialysis. The trained physician can become a part of a professional team of clinicians and be responsible in ensuring a compassionate, professional delivery of dialysis services. They can avail opportunities as an associate clinician to a nephrologist in rendering care to dialysis patients. They can also look forward to a rewarding career as a dialysis unit manager in hospitals, outpatient clinics or freestanding dialysis centres.

**Post Graduate Diploma in Hospital Administration:**
This course enables students to acquire conceptual and technical knowledge in management and prepares the student to handle administrative functions in a hospital. Curriculum focuses on core topics like accounting, finance, human resource management, information systems, management, marketing, hospital laws and many more.

**Certificate Course in Healthcare Quality Management:**
The course has trained and certified more than 2600 healthcare professionals in Quality Management. Quality improvement has to be the core competency for every healthcare manager and clinician at every level of medical practice. An increasingly educated public expects to receive nothing less than excellent care and services, and it must be the mission of every healthcare organization to deliver that excellence.

This six month Certificate Course in Healthcare Quality has been designed to provide participants with a solid foundation of all the core elements of healthcare quality improvement. The fundamental concepts, tools and management techniques of quality are extensively covered in this programme.

**International Postgraduate Paediatric Certificate:**
International Postgraduate Paediatric Certificate is a one year international programme to teach Global conducted by The University of Sydney and
the Children’s Hospital at Westmead, Australia in collaboration with Apollo Hospitals Educational and Research Foundation (AHERF), to enable learning Global Best Practices in Paediatrics. Contact classes are offered at six Apollo Hospitals – Indrapratha Apollo Hospitals, Delhi; Apollo Hospitals, Bangalore; Apollo Hospitals, Chennai; Apollo Hospitals, Hyderabad; Apollo Hospitals, Kolkata; and Apollo Jehangir Hospital, Pune.

**Nursing Courses:**
Trained and certified more than 500 nurses in various specialities. Nurses and nursing assistants form the largest group of workers in health sector. They are required in the hospitals and health centres right from general wards to the operation theatre. Therefore, with the growth of the health industry, the demand for nurses is also increasing, making a career in nursing very attractive.

With increasing health consciousness in India, the quality of health services has improved. Skilled and specialized nurses are in high demand by the health organizations. MedVarsity offers nursing courses of three months duration in Cancer and Palliative Nursing, Surgical Nursing, Nursing Administration, Critical Care Nursing, Cardiac Nursing and Ward Sister Course which are available online and offline for nursing graduates who wish to enhance their skills in specialized areas.

**Fellowship in Orthopaedics Rehabilitation:**
This course is designed to provide students with the necessary knowledge, skills and competencies to organize, manage and deliver an Orthopaedics Rehabilitation programme in a hospital/community setting. It prepares the students to work in the area of orthopedic injuries as well as primary prevention of metabolic and joint diseases specifically in later stages of rehabilitation.

**Fellowship in Neurological Rehabilitation:**
This course aims to provide a unique training in the basic principles of neurological rehabilitation, management of physical and psychological disabilities and factors affecting handicap in neurological disability.

This course is aimed at MBBS graduates, GPs (including BHMS, BAMS, BUMS), Physiotherapists / Physiotherapy interns. The trained physician can become an integral part of a Neurological rehabilitation team at Hospitals and communities and eventually lead such teams.

**Fellowship in Cardiac Rehabilitation:**
The 'Fellowship in Cardiac Rehabilitation' course is designed to provide students with the necessary knowledge, skills and competencies to organize, manage and deliver a Cardiac Rehabilitation programme in a hospital/community setting.

This course is aimed at MBBS graduates, GPs (including BHMS, BAMS, BUMS), Physiotherapists / Physiotherapy interns. The trained physician can become an integral part of a cardiac rehabilitation team at hospitals, work together with the department of cardiology in rendering cardiac care.

**Fellowship in Diabetes:**
This course is aimed at medical graduates and specialists with special interest in Diabetes and who have a day to day exposure to diabetic people or those who are part of a team that delivers Diabetic care. Royal Liverpool Academy, UK provides quality assurance for this course. This course is designed to have practical and clinical focus with hands-on training in live clinical environment. This course was launched 4 years ago and close to 1800 doctors have completed this course.

**Diploma in Diabetes Management:**
This course is designed to impart knowledge, skills, and confidence, for the management of Diabetic patients and facilitate the physicians to develop the skills for efficient and integrated Diabetic care. Training is provided by the subject experts from Apollo Sugar Clinics/Accredited Hospitals with web-based training.
This course is designed for knowledge update on current guidelines and more than 1000 doctors have been certified in this course.

**Fellowship in Intensive Care Medicine:**
This course is designed to help the medical graduates acquire knowledge on the functioning of intensive care units, the technology used in intensive care units and to manage complex clinical problems and diseases encountered in the intensive care unit. Live virtual classes with ICU rotations in clinical practice are also provided. This course is designed for working doctors with intensive face-to-face teaching sessions. More than 2500 physicians have been trained in this course till date.

**Fellowship in Clinical Cardiology:**
This course is aimed at medical graduates who are already working or who are planning to work in cardiology units of the hospitals and intending to improve their knowledge and skills in managing patients with cardiovascular conditions. This course provides Simulation modules from Simtics, New Zealand, along with live lectures and webinars by renowned clinicians. Internship in outpatient and inpatient management, 2d echo and cardiac ICU, is also provided. More than 400 medical professionals have successfully completed this course with Medvarsity.

**New Programmes Launched**
**Masters of Public Health Degree Programme in association with UNSW, Australia:**
Medvarsity joined hands with the University of New South Wales, Australia to introduce a new course – Master of Public Health. This course is suited to students who wish to pursue a career in public health research or public health management. The programme fosters sophisticated understanding and application across the complex body of multidisciplinary knowledge of public health including epidemiology, biostatistics, social determinants of health, health promotion, population targeted health research methods, and health programme design, implementation and evaluation. This course also includes an internship.

**Physician Development Programme - conducted the first session in partnership with the Government of Macedonia:**
Medvarsity and Apollo Hospitals conducted a customized Physician Development Programme aimed at training the physicians of the Government of Macedonia in the clinical areas of interest and improving upon all aspects of communication such as soft skills development as well as technical skills for delivering quality patient care.

This 1 year programme included the following three areas:

- a) Clinical skills training in the areas of Cardiology, Infectious Diseases, Paediatrics, Critical Care and Pain and Palliative care at Apollo Hospitals, Chennai
- b) Online skill simulation training
- c) Online soft skills training

**Other Highlights of Medvarsity**
Medvarsity expanded clinical practice locations to 22 across the country and opened one in Bangladesh. International student enrolments increased by 30% in 2016.

Live Virtual Classes were introduced to provide all students access to the best faculty. In addition to live classes, online live course counselling is offered to prospective students every week. Students can understand critical aspects of the course, seek clarifications and understand career options from the course directors directly.

Laid the ground work for introducing healthcare management programmes from Ivy League colleges around the world.

Responsive and mobile friendly website launched, enabling prospective students to engage through their mobile devices. Consequently mobile access increased by 60% for all users accessing the site.
APOLLO MEDSKILLS
Apollo MedSkills Limited has come a long way since its conception in 2011, to its implementation five years hence. Apollo MedSkills aims to meet the dual objective of providing high quality training programmes pan India, and providing skilled employable resources for the Industry.

Apollo MedSkills has a mandate to train over 1,00,000 students in the next 2 years, and currently 38,000 students are enrolled across paramedical, allied health and school health programmes.

The Center of Excellence (CoE) for Healthcare Skilling
The establishment of CoE or the Centre of Excellence is a step towards providing world class health skilling courses. These centres are 18,000 sq. ft in size and have state-of-the-art simulation labs, microbiology labs, biochemistry labs, computer labs, language development lab for holistic development of the students. The annual training capacity is for over 2,000 students. This CoE acts as the parent centre for all the sub centres in the state. Students from the sub centers (Smart Skilling Centres) would come down to the CoE to get all the simulated and practical experiences in a thorough manner for a time period as specified in the course.

The primary objective of upgrading the centres is to ensure that all the facilities are offered to students to make learning complete, thorough and holistic in nature. Earlier, the infrastructure was a major limitation both in respect of student capacity as well as for the quality of output. The new CoE, is a world class and state-of-the-art skill development facility, providing students with the best-in-class services.

The CoEs stand out in the skill development space and to make them the learning hubs in the real sense. Apart from the retail students, these hubs are designed to act as up-skill centres for students / working doctors and nurses, for individuals as well as professionals coming from government agencies.

a) Programmes and Training methodology
The courses are based on the demand supply gap and the market needs. All courses have traditional class room teaching, and also the students can access digital content of the top of the line learning management system. Besides this, the students shall respond to high end simulation for good tactile skills sets, and a hands on skills training at one of the hospitals from the Apollo Hospitals Group. The method of teaching at these centres is unique as it is based on the concept teaching and simulation, thus making learning an engaging and exciting phenomenon for the students.

By harnessing technology and delivering high quality expert live lectures across all the centres has helped to permeate the socio-economic barriers and to reach out to the rural students more effectively and provide them with training of international standards.

b) Holistic Development of the Student
Every student of the Apollo MedSkills family undergoes holistic development. There is a genuine value addition through one to one student induction programmes wherein an individual file for each student that maps their aptitude, emotional quotient, strengths and improvement areas is created. Through a systematic approach, the quantification of their progressive improvement is done, thus helping them grow into positive and confident individuals. Besides that, students are provided grooming sessions on how to carry themselves and present their ideas.

c) Placements
“Placement” is the litmus test for the training and one of the most important cogs in the wheel of the education system. For this purpose, a separate portal has been created called ‘Artemis.jobs’ which
enables students to register for jobs that are available and allows healthcare employers pan India to connect with the students.

Practical Training in Progress

With the portal in place, the students get the opportunity to choose their preferred and apply for jobs and the Artemis team not only facilitates placement, but also guides students to choose the right organization and career.

d) Reach
The hub and spoke model is designed to enhance and maximize the reach of the Apollo MedSkills Programme in a given geography. Each of the centres is carefully selected based on the industry potential and need gap analysis. The spokes are
called ‘MedSkills Smart Centres’. These Smart Centres are stand-alone skilling centers with a strong chord attached to the respective hub for academic delivery, quality assurance, on-ground internship and placement assistance. This system in turn ensures that the brand image and the delivery mandates are kept at the highest level and are not compromised at any cost. With the hub at the nearest city, it becomes not only easy to provide students with the best learning facilities in a city close to them but also placement assistance.

e) Alliance
Apollo MedSkills has joined hands with international and Indian partners in the mission to skill and place 1,00,000 healthcare professionals. In addition, to strengthen partnerships with National Skill Development Corporation (NSDC) and Healthcare Sector Skill Council, Apollo MedSkills has partnered with HE-England, New Zealand, SDM-Bangalore, NHS, Bhutan, Australia and Alem Health in 2016.

Apollo MedSkills has bagged the prestigious DDU-GKY Skilling projects of Ministry of Rural Development across 13 states in India with a mandate to train over 20000 students in the next 3 years.

**APOLLO INSTITUTE OF MEDICAL SCIENCES AND RESEARCH (AIMSR)**

The Apollo Institute of Medical Sciences and Research (AIMSR), is one of the most sought after medical colleges in the Andhra Pradesh/Telengana region. Since its inception in 2012, the college has made rapid strides, with a total strength of 500.

The first batch of the Hyderabad Campus would be graduating at the end of 2017 following the completion of their internship. Thereafter the Hyderabad Campus would undergo the Recognition Inspection by the Medical Council of India (MCI), so as to seek permission to commence the post graduate programmes in the Basic Sciences and Broad Specialities.

The Teaching Hospital at Hyderabad has very modern equipment to cater to over 900 outpatients and 350 inpatients daily. The Community Health Programme has over 1000 family units enrolled in the Chevalla district.

AIMSR has also initiated groundwork for accreditation from the National Accreditation Board for Hospitals (NABH) and National Assessment and Accreditation Council (NAAC). Accreditation from FAIMER would be received after the completion of graduation of the first batch of MBBS students.

The AIMSRR Chittoor campus recently commenced operations, with the first batch of 150 students, joining the institution in October 2016. It is an example of a unique public-private partnership and is possibly the first medical college of its kind in the country, to cater to the healthcare needs of over 1500 outpatients and 400 inpatients daily. Additionally, the Institute provides extended coverage to the population of Chittoor District, through the college’s participation in the Total Health Project, at Thavanapalle District.

**I. Faculty Achievements/Appointments**

A. National Level:
1. Prof Nagender – Professor of General Medicine was the Chair of the Organising Committee of the first API conference of Telangana State and one of the Founder Member (Secretary) of the Telangana State API Chapter.

2. Prof Krishna Kumari – Head of the Department, Obstetrics and Gynaecology, was invited as faculty for the National Conference, Ahmedabad and also delivered a lecture on "Preventable Maternal Morbidity-SDG 3" in the prestigious CL Jhaveri symposium.
3. Prof Dilip Mathai, has been the Chair of the Anti - Microbial Stewardship Committee of the ICMR since 2013. He was a member of National Organizing Committee for the 17th International Congress on Infectious Diseases (ICID), (held for the first time in India by the International Society of Infectious Diseases) in Hyderabad, in March 2016.

B. International Level:
1. Prof Ram Reddy, Head of the Department, Physiology, led the team of Medical Educationists in the China - India Joint Medical Mission, in April, 2016.

2. Prof Anuradha, Professor of Microbiology attended the Dubai Medical Education Symposium in May 2015, where she presented her work on "Objective Structured Practical Examination (OSPE), as a Formative Assessment Tool for 2nd year MBBS Microbiology Students".

3. Prof Krishna Kumari, Head of the Department, Obstetrics and Gynaecology, was the Scientific Programme Expert on "Hypertensive disorders in Pregnancy and Labour". "Managing Critical Situations in Obstetrics", at St. Petersburg in July 2016.

4. Prof Surender Reddy, Head of the Department, Forensic Medicine, spent time at the ATA Conference in Chicago, in July, and with the Almeida County Sheriff Office, reviewed the procedures of Medico-legal examinations in the US, including autopsies and procedures, for different cases of suicide and homicides.

5. Prof Dilip Mathai was a member of the International Advisory Board, for the 9th edition of Kumar and Clark’s bestselling text book of Clinical Medicine.

II. Research
C. Student:
1. Eight students bagged STS research grants from the ICMR this year.

2. Ms Naveena of the 2014 batch, had her paper published in the International Journal of Community Medicine and Public Health for the excellent research done. Her name was nominated for the BMJ Award and Apollo Excellence Award. This is the first paper published by a student in Apollo Institutions.

B. Faculty:
1. The faculty was involved in over 20 publications, in national and international Journals.

2. The institution has also signed a MoU with the University of Hyderabad, to jointly promote research activities of both institutions.

3. A few of the faculty are pursuing their PhD - Dr Mohammad Abdul Kareem – Department of Microbiology (Molecular Characterization of Tuberculosis), Dr Shabana Sultana – Department of Anatomy (Study of Neural Tube defects and Associated Pathogenesis in Chick Embryos administered with Cyclophosphamide and Sodium valprate), Dr B Srilatha – Department of Biochemistry (Association of Vitamin B₁₂ and folic acid with thyroid hormones, in pregnant women with Hypothyroidism). Mr Radhunandan Reddy – Department of Library (A Study on Information seeking behaviour of doctors and the approach of hospital administration (MPhil). Their thesis are at advanced stages of completion.

4. The AIMSR is also collaborating with the departments of Neurology, Cardiology and ENT of Apollo Hospitals, Hyderabad on individual research projects.

5. The AIMSR also collaborated with Google’s H.Q in California, on an AI project in the field of retinopathies.
6. Visitors were received from NHS’s Health Education England, Macquaire University, Australia; UNSW Sydney, UT South Western Medical Center, Texas, and the Royal College of Surgeons in Ireland (RCSI) to consider research collaborations and faculty development programmes.

III. Student extracurricular/ co-curricular activities and volunteering
1. The annual AIMSR Student Fest (Anastomoz’16), was held in March 2016 and had active participation by most of the medical colleges, in and around Hyderabad city. One of the students, Ms Rhea Srinivas was selected by Medicine Sans Frontiers (MSF) to participate as an intern in Delhi during her summer holidays. Ms Kavya and Ms Divya Sudi Reddy participated in electives at University of Massachusetts Medical School Boston, USA.

IV. Continuing Professional Development
1. A total of 26 credit hours (via 13 CMEs) was obtained by the AIMSR this year. This included CMEs conducted with departments from AHEL.

2. The institution is actively involved with the training of DNB students in the Apollo Hospitals Hyderabad.

3. A Research Methodology workshop was organised, with Prof Jayaprakash Mulyil – a senior epidemiologist from CMC Vellore, as the Principal Speaker. It was aimed at acquainting the AIMSR faculty with the essential tools of research being used today.

V. Innovations in Education
1. In order to introduce innovations into the AIMSR curriculum, the institute has established the Department of Bioethics in AIMSR, headed by Prof Deendayal Reddy, one of the few Bioethics experts in the country. These classes have been well appreciated by the students.

2. The institute is developing an Immunization App that could be utilized by physicians all over the Indian subcontinent, as a handy tool for everyday clinical practice using the best evidence based guidelines available.

3. In order to expand the technological capabilities in both the campuses at Hyderabad and Chittoor, the introduction of video-conferencing facilities, as well the establishment of state–of–the–art class rooms and auditorium, is being planned.
Apollo Institute of Medical Sciences and Research (AIMSR)
RECOGNITION FOR APOLLO HOSPITALS

Asian Hospital Management Awards 2016 92
Business Superbrands 2016 93
Frost and Sullivan Awards 2016 94
Express Health Care Excellence Awards 2016 94
The WEEK-Nielsen, Best Hospital Survey 2016 95
All India Critical Care Hospital Ranking Survey 2016 - The Times of India 95
The ICICI Lombard and CNBC-TV18 India Healthcare Awards 2016 95
Madras Management Association (MMA) Award for Managerial Excellence 2016 96
CII - National Excellence Practice Competition 2016 96
CII-SR Excellence Awards - Environment, Health and Safety (EHS) 2016 96
CII - SR Excellence award 2016 - Kaizen Award 96
ABK-AOTS - Kaizen wards 2016 97
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PRCI Chanakya Award for National Achievers 2016 97
CMO Asia 2016 97
Medicall Healthcare Innovations Awards 2016 98
ABP News Healthcare Leadership Awards 2016 98
International Healthcare Summit Awards 2016 99
Association of Healthcare Providers of India (AHPI) Award 2016 99
Today's Traveller Award 2016 99
India Health and Wellness Award 2016 99
Indian ISV Awards 2016 99
Indywood Excellence Award 2016 100
Rural Marketing Association of India (RMAI) Flame Awards Asia 2016 100
In the year 2016, Apollo Hospitals received 77 awards at various international and national fora:

**ASIAN HOSPITAL MANAGEMENT AWARDS 2016**

Apollo Hospitals, in September 2016, won the Asian Hospital Management Healthcare Excellence Awards, held at Ho Chi Minh City, Vietnam, winning 13 awards in 11 categories and two Grand Awards. The Asian Hospital Management Awards takes cognizance of and honours hospitals in Asia that implement best hospital practices. It is one of the established hospital management awards programmes for the Asia Pacific region. There were 322 entries from 92 hospitals in 15 countries, vying for these HMA Awards in 2016.

The awards won by Apollo Hospitals were:

**Grand Awards**
The Grand Award is for the hospital that made improvements in two or more of the thirteen award categories or had truly superior and outstanding (overarching) results in one area.

- Indraprastha Apollo Hospitals, Delhi
- Apollo Gleneagles Hospitals, Kolkata

**Category 1:**
**Corporate Social Responsibility**

- Apollo Hospital Enterprise Limited - “Billion Hearts Beating”

**Category 2:**
**Customer Service**
- Apollo Speciality Hospital, Chennai - "Kaizen Approach - Striving for Continual Improvement"
- Indraprastha Apollo Hospitals, Delhi - "Reducing ALOS - A Triumph of Teamwork"

**Category 3:**
**Nursing Excellence**
- Apollo Speciality Hospital, Chennai - “WIG-LAG-LEAD Strategy for Continuous Nursing Quality Improvement”

**Category 4:**
**Marketing, PR or Online Presence**
- Apollo Hospitals Group - "Digital Marketing Strategy - Apollo Hospitals"

**Category 5:**
**Clinical Service Improvement**
- Apollo Gleneagles Hospitals, Kolkata - “Project RACE - Reducing ALOS and Improving Clinical Efficiency in Total Knee Replacement”

**Category 6:**
**Bio Medical Facilities Improvement**
- Apollo Gleneagles Hospitals, Kolkata - “Project SOIL: Sustainability Oriented Innovation and
Leadership for Enabling Environment Friendly Facility Management” Indraprastha Apollo Hospitals, Delhi - “Prevention of Medical Equipment from Environmental impact”

Category 7:
**Cost Reduction / Waste Elimination**
Apollo Gleneagles Hospitals, Kolkata - “Project CREW: Using Time Driven Activity Based Costing to Improve Efficiency and Reduce Cost for Total Knee Replacement Surgery”

Category 8:
**Innovations in Hospital Management and Governance**
Apollo Gleneagles Hospitals, Kolkata - “Project PROMISE: Sustainability Oriented Innovation and Leadership for Facility Management”

Category 9:
**Physician Leadership Programme**
Apollo Gleneagles Hospitals, Kolkata - “Project EOLC: X Teams-Team Advocacy to Improve Care Coordination in End of Life Care”

Category 10:
**Human Resource Development**
Indraprastha Apollo Hospitals, Delhi - “Transforming Skills into Perfection”

Category 11:
**Patient Safety**
Indraprastha Apollo Hospitals, Delhi - “Alerting the High Alert - Improving the Safety of High Alert Medications”

**BUSINESS SUPERBRANDS 2016**

The prestigious title of 'Business Superbrand' for the year 2016 was conferred upon Apollo Hospitals. Apollo Hospitals was the only hospital brand conferred the title, underpinning the undisputed leadership of Apollo Hospitals in the industry. Overall 33 Indian brands were covered in the latest issue of Business Superbrands.
FROST AND SULLIVAN AWARDS 2016

Frost and Sullivan Excellence Awards give recognition to companies in a variety of regional and global markets for demonstrating outstanding achievement and superior performance in areas such as leadership, technological innovation, customer service, and strategic product development.

The awards won by Apollo Hospitals were:

**Process Innovation** - Apollo Hospitals, Hyderabad

**HR Excellence** - Apollo Hospitals, Hyderabad

**Environment Leadership** - Apollo Gleneagles Hospitals, Kolkata - Project Promise

**Operational Excellence** - Apollo Gleneagles Hospitals, Kolkata - Using Quality Function Deployment to Reduce Readmission Rates in the Hospital

HR Category - Apollo Hospitals Group - Nursing 3.0

Medical Tourism Company of the Year - Apollo Hospitals Hyderabad

Process Innovation Leadership in Service Sector - The Q4E Programme, AHLL

EXPRESS HEALTH CARE EXCELLENCE AWARDS 2016

Healthcare Senate 2016, the National Private Healthcare Business Summit, held from September 22nd-24th, 2016 at HICC, Hyderabad, concluded with the Express Healthcare Excellence Awards. Partnered by United Biotech, it sought to acknowledge the pathfinders, innovators and game changers from the private healthcare industry for their invaluable contributions to healthcare in India.

Express Health Care Excellence Awards 2016
Indraprastha Apollo Hospitals, Delhi won awards in two categories - Patient Care and Corporate Social Responsibility.

THE WEEK-NIELSEN, BEST HOSPITAL SURVEY 2016

The Best Hospital Survey 2016, conducted by THE WEEK in association with Nielsen India, ranks multi-speciality hospitals at an all-India level, city level and speciality-wise. Various parameters were considered in the process of selecting the best hospitals; like the competency of doctors, patient care, and availability of multi-speciality facilities, reputation, infrastructure, innovation and environment. 2183 Doctors from 18 cities were consulted, for their opinion regarding the top ranking hospitals in India and hospitals with best ranking specialities, between September and November 2016.

Apollo Hospitals, Chennai was ranked the second best multi-speciality hospital in the country in 2016. Indraprastha Apollo Hospitals, Delhi was ranked as the sixth best multispeciality hospital in the country.

Apollo Hospitals were also ranked as the best multi-speciality hospitals in the cities of Ahmedabad, Chennai and Kolkata by the survey, displaying our commitment in our endeavour to provide the best healthcare experience for our patients.

Apollo Hospitals, Chennai, Bangalore, Delhi and Children’s Hospital, Chennai and AIMSR, Chittoor featured amongst the top 15 hospitals in the country in the specialities of Neurology, Paediatrics, Pulmonology, Orthopaedics, Cardiology, Ophthalmology, Oncology, Gastroenterology, Diabetic Care, Gynaecology and Research Facilities.

ALL INDIA CRITICAL CARE HOSPITAL RANKING SURVEY 2016 - THE TIMES OF INDIA

The objective of this research was to arrive at a list of Top Multi Speciality, Super Speciality and Single Speciality Hospitals in India.

Indraprastha Apollo Hospitals Delhi was ranked the best hospital for the specialities Neurosciences, Renal Sciences, Oncology, Paediatrics, Gynaecology and Emergency and Trauma in India. Apollo Hospitals, Chennai was ranked as the second best hospital for Gynaecology in India. For Gastroenterology and Hepatology, Indraprastha Apollo Hospitals Delhi was ranked the second best hospital in India.

THE ICICI LOMBARD AND CNBC-TV18 INDIA HEALTHCARE AWARDS 2016

In a ground breaking endeavour to present to the nation, its finest healthcare providers, CNBC TV18 and ICICI Lombard gave away the India Healthcare Awards. The awards honoured the leading healthcare practitioners and service providers, who are ushering in a new era of affordable, high quality and inclusive healthcare for patients across India.

The awards won by Apollo Hospitals were:

Category 1:  
Best Multi-Speciality Hospital MEGAPOLIS  –  
Apollo Hospitals, Chennai
Category 2:
Best Single Speciality Hospital Oncology - Apollo Speciality Cancer Hospital, Teynampet, Chennai

MADRAS MANAGEMENT ASSOCIATION (MMA) AWARD FOR MANAGERIAL EXCELLENCE 2016

Madras Management Association has announced the 15th MMA Award for Managerial Excellence for 2016 in July. The award focuses on excellence in managerial thinking, action and demonstrable results and is deemed for companies and institutions with corporate offices in the southern States.

Apollo Hospitals, Chennai won the award in Services Category.

CONFEDERATION OF INDIAN INDUSTRY (CII)-SR EXCELLENCE AWARDS - ENVIRONMENT, HEALTH AND SAFETY (EHS) 2016

The Leadership and Excellence Award in Environment Health and Safety (EHS) Award was instituted in the year 2002. The aim is to motivate and facilitate corporates to adopt innovative practices in EHS.

Apollo Hospitals, Chennai won the award in Services Category.

CONFEDERATION OF INDIAN INDUSTRY (CII)-SR EXCELLENCE AWARD 2016 - KAIZEN AWARD

The Kaizen Competition of CII Southern Region is organized every year to acclaim and encourage member companies which give importance to continuous improvements through Kaizens. The competition is conducted for operators and supervisors of member companies from manufacturing and service sectors.

Apollo Speciality Cancer Hospital, Teynampet, Chennai won the award in Services Category.
ABK-AOTS - KAIZEN AWARDS 2016

Apollo Speciality Cancer Hospital, Teynampet, Chennai won 2 Platinum and 1 Gold award in the competition organized by ABK – AOTS DOSOKAI for Tamil Nadu region.

SMARTEST HOSPITAL BUILDING AWARD 2016 - HONEYWELL AND NETWORK 18

Honeywell announced that Apollo Hospitals, Ahmedabad was one of India’s smartest buildings, at the Network 18 and Honeywell Smart Building Awards for 2016, in October. The scores were validated by KPMG and affirmed by an eminent jury composed of India’s leading authorities on energy efficiency, safety, security, and productivity in buildings.

VIJAYAVANI HEALTHCARE ACHIEVERS AND LEADERS AWARDS 2016

HealthCare Achievers and Leaders Awards is a premium forum. The Awards are given to the the best industry professionals who have made outstanding contributions in the industry.

Apollo Hospitals, Bangalore has bagged awards at The Healthcare Achievers and Leaders Awards, 2016 in the categories Innovation in Quality of Service Delivery, Best Patient Safety Initiative (2 Awards) and Most Innovative Initiatives in Food Safety.

Apollo Hospitals Group has won award in the category Best Quality Initiative in Healthcare for the Project WOW.

Apollo Diagnostics, AHLL won awards in the categories - Best Patient Safety Initiative Diagnostic Company and Emerging Diagnostic Service Company in India.

The Q4E Programme of AHLL won award in the category Best Quality Initiative in Healthcare.

PRCI CHANAKYA AWARD FOR NATIONAL ACHIEVERS 2016

Public Relations Council of India (PRCI) is a non-political and not-for-profit organization of professionals. It has been actively pursuing the spread and popularity of communication and Public Relations in India. The PRCI Chanakya Awards celebrates excellence and innovation in the arena of corporate communications, and is conducted to take note of and applaud excellence in talent and professional standards.

Apollo Gleneagles Hospitals, Kolkata won the award for Innovative Leadership.

CMO ASIA AWARDS 2016

CMO Asia for Healthcare Excellence takes cognizance of innovative growth strategies and solutions adopted by best companies in the healthcare industry. These awards are given to projects and professionals that lead innovative healthcare practice and make a real difference to patients’ lives in the healthcare sector.
The awards won by Apollo Hospitals were:

**National Awards for Excellence in Healthcare**
Apollo Gleneagles Hospitals, Kolkata won the following awards:
- Best Eye Clinic of the Year
- Best Green Hospital
- Patient Safety Initiative
- Best Multispeciality Hospital - Eastern Region
- Innovation in Quality of Service Delivery

Apollo Hospitals, Chennai won the following awards:
- Best Multispeciality Hospital
- Quality in Service Delivery
- Food Safety Leadership
- Best HR Practice

**Healthcare and Fitness Leadership** - Apollo Gleneagles Hospitals, Kolkata

**Asia Healthcare Excellence Awards** - Apollo Gleneagles Hospitals, Kolkata
- PROMISE, Time Driven Activity Based Costing (TDABC)

**SMar CSR initiative** - Apollo Hospitals Enterprise Limited

**Smart Health Project** - Apollo Hospitals Enterprise Limited

**Health City Awards** - Apollo Hospitals Enterprise Limited

**Emerging Diagnostic Service Company in Asia** - Apollo Diagnostics, AHLL

**Best Quality Initiative in Healthcare** - The Q4E Programme, AHLL

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**MEDICALL HEALTHCARE INNOVATIONS AWARDS 2016**

Medicall’s Healthcare Innovation awards are the most popular innovation awards in the healthcare industry.

The awards won by Apollo Hospitals were:

**Hospital and Clinic Branding, Marketing and Public Relations** - Apollo Gleneagles Hospitals, Kolkata

**Nursing Excellence** - Apollo Hospitals, Hyderabad

**Nursing, Ancillary and Paramedical** - Gold Award for Implementation of Surgical Safety Checklist using a voice over, AHLL

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**ABP NEWS HEALTHCARE LEADERSHIP AWARDS 2016**

The Awards aim to reward the best in the industry and enhance reputations. The awards won by Apollo Hospitals were:

**Innovation in Quality of Service Delivery** - Project TDABC, Apollo Gleneagles Hospitals, Kolkata

**Best Marketer Award** - Apollo Gleneagles Hospitals, Kolkata

**Best Use of Six Sigma in Healthcare** - Using QFD to Reduce Readmission Rates in the Hospital, Apollo Hospitals, Kolkata

**Best Green Hospital Award** - Apollo Gleneagles Hospitals, Kolkata - Project PROMISE

**Best Eye Clinic of the Year** - Apollo Gleneagles Hospitals, Kolkata
International Healthcare Summit Awards 2016

Worldwide Achievers initiated the International Healthcare Summit 2016. The summit had an active participation of professionals from the healthcare sector including government representatives, healthcare providers, pharma companies, insurance providers, consultants, and financial institutions.

Apollo Gleneagles Hospitals, Kolkata won the award for Best Innovation and Research in Healthcare of the Year.

India Health and Wellness Award 2016

The India Health and Wellness Summit and Awards brings together decision-makers, innovators, and influencers from the government, industry, the non-profit sector, to discuss the opportunities and challenges to health. The summit works as a catalyst, as it conceives of and deliberates upon possible answers to the challenges to accessible and affordable health for the billion-plus population of our country. The awards honours the efforts of those organizations and individuals, whose work over the past year, has taken us that much closer to the vision of a healthy India.

Apollo Tele Health Services won the award for the category - Health Delivery Brand of the Year.

Association of Healthcare Providers of India (AHPI) Award 2016

Apollo Hospitals, Hyderabad was conferred the AHPI 2016 Award for Nursing Excellence. AHPI Healthcare Awards honours and celebrates the excellence achieved by the organizations in the healthcare industry in various fields.

Indian ISV Awards 2016

The Indian ISV Awards 2016 is an initiative from iTVARnews (Techplus Media Publication) to acknowledge the best ICT Solutions by ISVs, Systems Integrators, Solution VARs, and MSPs across India. The areas include Cloud/Mobility/Apps/Social, Education and Skill Development, Healthcare, Smart city and so on.

“Total Health” won the award for Best CSR Solution of the Year.
INDYWOOD EXCELLENCE AWARD 2016

Indywood CSR Awards honours responsible and sustainable CSR practices by an organisation/an individual that has set new standards for others to follow.

"Total Health" won the Indywood Excellence Award 2016 for CSR practices.

RURAL MARKETING ASSOCIATION OF INDIA (RMAI) FLAME AWARDS ASIA 2016

The 7th edition of the Flame Awards was announced by RMAI to acknowledge excellence in rural marketing, promotion, and initiatives. For the first time, Flame Awards Asia 2016 invited entries from India as well as our immediate neighbours in the sub-continent.

Apollo Tele Health Services won the award in the category Innovation in Rural Reach.
# Research

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Apollo Hospitals Education and Research Foundation (AHERF) is a not for profit organisation recognised by the department of scientific and industrial research (DSIR), and is focused on basic, translational and epidemiological research. AHERF comprises of the Cell and Molecular Biology Research Center (CMBRC) and has centres at Chennai, Hyderabad and Delhi to carry out research activities. The CMBRC enables basic and translational research projects in cutting edge areas such as liquid biopsy, molecular diagnostics, pharmacogenetics and exosomes. Further AHERF also spearheads a faculty development programme to spawn research pilots for basic research projects.

87 consultants have been conferred with Adjunct Title of Professor and Associate professor of AHERF since 2016 in various specialities covering Anaesthesiology, Biochemistry, Cardiology, Critical Care Medicine, Dermatology, Endocrinology & Diabetology, ENT and Head and Neck Surgery, Gastroenterology and Hepatology, Minimal Access surgery, Gynaecology, Genetic Medicine, Hand and Microvascular Reconstructive Surgery, Head and Neck oncology, Haematology, Infectious Disease, Internal and Hyperbaric Medicine, Interventional Cardiology, Liver Transplant, Internal Medicine, Nephrology, Neuro Anaesthesia, Neurology, Neurosurgery, Nuclear Medicine, Oncology, Orthopaedics, Orthopaedics and Joint Replacement Surgery, Paediatric Neurosurgery, Paediatric Cardiology, Paediatric Cardiac Surgery, Paediatric Surgery, Paediatric Intensive Care, Radiology, Respiratory Medicine, Emergency Medicine, Rheumatology, Surgical Gastroenterology, Transfusion Medicine, Urology and Transplant Surgery.

Policy of grant of Adjunct Title of Professor and Associated Professor of AHERF was implemented in the year 2012 in order to boost the state of academics and research across Apollo Group.

Senior faculty members from Apollo Hospitals Group, who have an active interest in academics and research are nominated for the grant of these Adjunct Titles.
List of Consultant conferred with Adjunct Titles of Professors and Associate Professors of AHERF 2012 – 2016

1. Lt. Gen. Dr A C Anand
   Gastroenterology and Hepatology, Delhi
   Professor

2. Dr Abdul Ghafur
   Infectious Diseases, ASH Chennai
   Professor

3. Dr Abhijeet L Wahegaonkar
   Hand and Microvascular Reconstructive Surgery, Pune
   Professor

4. Dr Ajit Saxena
   Urology, Delhi
   Professor

5. Dr Ameet Kishore
   ENT- Head Neck Surgery, Delhi
   Professor

6. Dr Amit Kumar Agarwal
   Orthopaedic surgery, Delhi
   Professor

7. Dr Amitabha Ghosh
   Neurology and Cognitive Neurology Unit, Kolkata
   Professor

8. Dr Anand Khakhar
   Liver Disease & Transplantation, Chennai
   Professor

9. Dr Anand Ramamurthy
   Surgical Gastroenterology and liver Transplantation, Chennai
   Professor

10. Dr Anil Sivadasan Ratha
    Paediatric Cardiology, Hyderabad
    Professor

11. Dr Anoop P
    Haematology and Paediatric Haemato-Oncology, Bangalore
    Professor

12. Dr AQM Reza
    Interventional Cardiology, Dhaka
    Professor

13. Dr Arun Prasad
    General and Minimal Access Surgery, Delhi
    Professor

14. Dr Bharat J Parikh
    Oncology, Ahmedabad
    Professor

15. Dr Devendra Kumar Agarwal
    Nephrology, Delhi
    Professor

16. Dr Dipika Mohanty
    Hematology, Bhubaneswar
    Professor

17. Dr I Sathyamurthy
    Interventional Cardiology, Chennai
    Professor

18. Dr Kalpana Dash
    Endocrinology and Diabetology, Bilaspur
    Professor

19. Dr Mahesh Goenka
    Gastroenterology, Kolkata
    Professor

20. Dr N N Khanna
    Cardiology and Vascular Interventions, Delhi
    Professor

21. Dr N Ramakrishnan
    Critical Care Medicine and Sleep Medicine, Chennai
    Professor
<table>
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<th>No.</th>
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<td>Dr P C Rath</td>
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<td>Dr Prokar Dasgupta</td>
<td>Urology, Kolkata</td>
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<td>Dr R N Makroo</td>
<td>Transfusion Medicine, Molecular Biology and Transplant Immunology, Delhi</td>
<td>Professor</td>
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<td>Dr Rabindra Nath Chakraborty</td>
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<td>Dr Rajesh Chawla</td>
<td>Respiratory Medicine, Delhi</td>
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<td>Dr Raju Vaishya</td>
<td>Orthopaedics and Joint Replacement Surgery, Delhi</td>
<td>Professor</td>
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<td>30</td>
<td>Dr Ram Gopalakrishnan</td>
<td>Infectious Diseases, Chennai</td>
<td>Professor</td>
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<td>31</td>
<td>Dr Ramji Gupta</td>
<td>Dermatology, Delhi</td>
<td>Professor</td>
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<td>32</td>
<td>Dr Ravindra Mehta</td>
<td>Critical Care/ Interventional Pulmonology, Bangalore</td>
<td>Professor</td>
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<td>33</td>
<td>Dr Saikat Sengupta</td>
<td>Anaesthesiology, Kolkata</td>
<td>Professor</td>
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<tr>
<td>34</td>
<td>Dr Sanjay Sinha</td>
<td>Urology and Transplant Surgery, Hyderabad</td>
<td>Professor</td>
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<tr>
<td>35</td>
<td>Dr Sanjiv Jasuja</td>
<td>Nephrology, Delhi</td>
<td>Professor</td>
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<tr>
<td>36</td>
<td>Dr Satish Nair</td>
<td>ENT-Head Neck Surgery, Bangalore</td>
<td>Professor</td>
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<td>37</td>
<td>Dr Seema Thakur</td>
<td>Genetic Medicine, Delhi</td>
<td>Professor</td>
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<tr>
<td>38</td>
<td>Dr Siddhartha Ghosh</td>
<td>Neurosurgery, ASH Vanagaram</td>
<td>Professor</td>
<td></td>
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<tr>
<td>39</td>
<td>Dr Subash Gupta</td>
<td>Liver Transplant, Delhi</td>
<td>Professor</td>
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<td>40</td>
<td>Dr Subhash K Wangnoo</td>
<td>Endocrinology, Delhi</td>
<td>Professor</td>
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<td>Dr Sudhir Kumar</td>
<td>Neurology, Hyderabad</td>
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<td>Dr Sudhir Naik</td>
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<td>43</td>
<td>Dr Sunil Narayan Dutt</td>
<td>ENT and Head - Neck Surgery, Bangalore</td>
<td>Professor</td>
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</table>
44. Dr Suvro Banerjee  
Cardiology, Kolkata  
Professor

45. Dr Tarun Sahni  
Internal and Hyperbaric Medicine, Delhi  
Professor

46. Dr Thayumanavan L  
Gastroenterology, ASH Vanagaram  
Professor

47. Dr V P Singh  
Surgical Oncology, Delhi  
Professor

48. Dr Veena Kalra  
Paediatric Neurology, Delhi  
Professor

49. Dr Venkatesh Tekur  
Interventional Cardiology, Bangalore  
Professor

50. Dr Vijayachandra Reddy  
Cardiology, Chennai  
Associate Professor

51. Dr Govindarajan M J  
Radiology, Bangalore  
Associate Professor

52. Dr A N Venkatesh  
Emergency Medicine, Bangalore  
Associate Professor

53. Dr Aruna R Patil  
Radiology, Bangalore  
Associate Professor

54. Dr Ashish Kumar Jha  
Gastroenterology, Kolkata  
Associate Professor

55. Dr B K M Reddy  
Radiation oncology, Bangalore  
Associate Professor

56. Dr C N Patil  
Medical Oncology, Bangalore  
Associate Professor

57. Dr D Suresh Kumar  
Infectious Diseases, Chennai  
Associate Professor

58. Dr Deepak Govil  
Surgical Gastroenterology, Delhi  
Associate Professor

59. Dr Dev Shuvendu Roy  
ENT, Head and Neck Surgery, Kolkata  
Associate Professor

60. Dr Ganapathy S  
Paediatric Cardiothoracic Surgery, Chennai  
Associate Professor

61. Dr Gaurab Maitra  
Anaesthesiology and Pain Medicine, Kolkata  
Associate Professor

62. Dr Indira Jayakumar  
Paediatric Intensive Care and Emergency Services, ACH, Chennai  
Associate Professor

63. Dr M Raghavendra  
Urologist and Transplant Surgeon, Mysore  
Associate Professor

64. Dr Manish C Varma  
Liver Transplant and Hepatobiliary-pancreatic Unit, Hyderabad  
Associate Professor

65. Dr Mythri Shankar  
Nuclear Medicine, Bangalore  
Associate Professor
66. Dr Nidhi Gupta  
Neuroanaesthesia, Delhi  
Associate Professor

67. Dr Pankaj Kumar  
Orthopaedic Surgery, Dhaka  
Associate Professor

68. Dr Prasant Kumar Sahoo  
Interventional Cardiology, Bhubaneswar  
Associate Professor

69. Dr Pratyush Gupta  
Anaesthesiology, Delhi  
Associate Professor

70. Dr R K Bagdi  
Paediatric Surgery, ACH, Chennai  
Associate Professor

71. Dr Rajeev A Annigeri  
Nephrology, Chennai  
Associate Professor

72. Dr Ramesh Venkataraman  
Critical Care Medicine, Chennai  
Associate Professor

73. Dr Raviraja A  
Orthopaedic Surgery, Bangalore & Jayanagar  
Associate Professor

74. Dr Rooma Sinha  
Gynaecology, Laparoscopic and Robotic Surgery, Urogynaecology, Hyderabad  
Associate Professor

75. Dr S Meenakshi-Sundaram  
Neurology, Madurai  
Associate Professor

76. Dr S Vivekanandhan  
Clinical Biochemistry, ASH, Chennai  
Associate Professor

77. Dr Sambit Das  
Endocrinology, Bhubaneswar  
Associate Professor

78. Dr Sandip Kumar Dash  
Neurology, Dhaka  
Associate Professor

79. Dr Shyama Subramaniam  
Biochemistry, Tondiarpet, Chennai  
Associate Professor

80. Dr Soumya Patra  
Cardiology, Kolkata  
Associate Professor

81. Dr Sudipta Sekhar Das  
Transfusion Medicine, Kolkata  
Associate Professor

82. Dr Sudeep Upadhyaya  
Rheumatology, Delhi  
Associate Professor

83. Dr Umanath Nayak  
Head and Neck Oncology, Hyderabad  
Associate Professor

84. Dr Usha Goenka  
Radiology, Kolkata  
Associate Professor

85. Dr V Sathavahana Chowdary  
ENT, Head and Neck Surgery, Hyderabad  
Associate Professor

86. Dr Vinit Kumar Srivastava  
Neuro-Anaesthesia, Bilaspur  
Associate Professor

87. Dr Vipul Vijay  
Orthopaedics, Delhi  
Associate Professor
RECOGNITION OF PUBLISHED PAPERS

Apollo Hospitals encourages consultants, junior medical staff and DNB trainees to undertake research activities in their areas of expertise. Apollo supports the effort of its staff and acknowledges their achievements in publishing research papers.

Policy on “Recognition of Published Papers” was institutionalized in the year 2009 to encourage an academic and research milieu in the giving recognition to by recognizing papers published by consultants, in reputed peer reviewed journals.

Impact factor is one of the quantitative tools for ranking, evaluating and categorizing.

263 papers were received for recognition from Apollo Group consultants during the year 2016. Following 232 papers were taken cognizance of, with a cash awards along with citation from the Chairman during 2016.

Dr Akash M Shah, Oncology – Medical, Ahmedabad

1. Voriconazole is a safe and effective anti-fungal prophylactic agent during induction therapy of acute myeloid leukemia

Authors and Co-authors details: Akash Shah, Prasanth Ganesan, Venkatraman Radhakrishnan, Krishnarathinam Kannan, Rejiv Rajendranath, Vandana Mahajan, Varalakshmi Vijayakumar, Trivadi Ganesan, Tenali Gnana Sagar

Publishing Journal and date: Indian Journal of Medical and Paediatric Oncology 10/02/2016

Dr Amita Mahajan, Paediatric Haematology Oncology, Delhi

2. Porphyria cutanea tarda in a child with acute lymphoblastic leukemia

Authors and Co-authors details: R. Thawani, A. Moghe, T. Idhate, M. Kalra, A. Mahajan and K.E. Anderson

Publishing Journal and date: QJM: An International Journal of Medicine, 2016, 191–192

3. Health Related Quality of Life in Patients with Transfusion dependent Thalassemia

Authors and Co-authors details: Sachin Soni, Ali M, Rosdiana N, Lubis B, Manas Kalra and Amita Mahajan

Publishing Journal and date: Indian Pediatrics, Volume 53, August 15, 2015

Dr Amitabha Ghosh, Neurology, Kolkata

4. C9orf72 mutations may be rare in frontotemporal lobar degeneration Patients in India

Authors and Co-authors details: Odity Mukherjee1, Gopal Das2, Somdutta Sen3, Aparna Dutt4, Suvarna Alladi5 & Amitabha Ghosh4

Publishing Journal and date: Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration, October 2015; 1–3

5. False Recognition in Behavioral Variant Frontotemporal Dementia and Alzheimer’s Disease-Disinhibition or Amnesia?

Authors and Co-authors details: Emma C. Flanagan, StephanieWong, AparnaDutt, SicongTu, MaximeBertoux, Muireann Irish, OlivierPiguet, SulakshanaRao, JohnR. Hodges, Amitabha Ghosh and Michael Hornberger

Dr Chandrasekhar Chevuturu, Vascular Surgery, Hyderabad

6. Treatment of multiple congenital peripheral aneurysm of upper extremity - A case report

Authors and Co-authors details: Chandrasekhar Chevuturu, Mahmood Sahab Siddique, Sri Nagesh, Parveen Jindal

Publishing Journal and date: Journal of Surgery, October 2015

7. Prophylactic Ligation of the Median Cubital Vein to Improve the Patency of a Radio Cephalic Fistula

Authors and Co-authors details: Chandrasekhar Chevuturu, Mudigonda Somasekhar, Sanjay Maitra, Manoj K Agarwala


Dr G Sengottuvelu, Interventional Cardiology, Chennai

8. Clinical Usefulness and Cost Effectiveness of Fractional Flow Reserve among Indian Patients (FIND Study)

Authors and Co-authors details: G Sengottuvelu, Babu Chakravarthy, Ravindran Rajendran, Sreyes Ravi

Publishing Journal and date: Catheterization and Cardiovascular Interventions (2014)

9. Plaque rupture in a non-culprit artery detected by optical coherence tomography and treated with plaque capping

Authors and Co-authors details: G Sengottuvelu, Ravindran Rajendran

Publishing Journal and date: Indian Heart Journal 66 (2014)

10. OCT during left main bifurcation PCI

Authors and Co-authors details: G. Sengottuvelu, Ravindran Rajendran

Publishing Journal and date: Indian Heart Journal 66 (2014)

11. Optical Coherence Tomographic Image of an Angiographically Borderline Lesion with a Significant Fractional Flow Reserve

Authors and Co-authors details: Gunasekaran Sengottuvelu, Ravindran Rajendran, Sreyes Ravi,

Publishing Journal and date: Journal of the American College of Cardiology Vol. 63, No. 18, 2014

12. 3-D optical coherence tomographic image of bifurcation lesion treated with two absorb scaffolds

Authors and Co-authors details: G. Sengottuvelu, Jugen M Ligthart Ravindran Rajendran

Publishing Journal and date: Indian Heart Journal March 2015

13. Full Polymer Jacketing for Long-Segment Spontaneous Coronary Artery Dissection Using Bioresorbable Vascular Scaffolds

Authors and Co-authors details: Gunasekaran Sengottuvelu, Ravindran Rajendran

Publishing Journal and date: JACC: Cardiovascular Interventions-2014

14. Optical coherence tomogram of spontaneous coronary artery dissection managed with drug eluting stent
Authors and Co-authors details: G. Sengottuvelu, Ravindran Rajendran, Debdatta Majumdar

Publishing Journal and date: Indian Heart Journal 66 (2014)

15. Organized thrombus mimicking spontaneous coronary artery dissection

Authors and Co-authors details: G. Sengottuvelu, Ravindran Rajendran

Publishing Journal and date: JACC: Cardiovascular Interventions, DEC 2014

16. Salvage of Side Branch by Provisional “TAP Technique” Using AbsorbTM Bioresorbable Vascular Scaffolds for Bifurcation Lesions: First Case Reports with Technical Considerations

Authors and Co-authors details: Ashok Seth, G. Sengottuvelu and V. Ravisekar

Publishing Journal and date: Catheterization and Cardiovascular Interventions (2014)

17. Capping spontaneous coronary artery dissection with overlapping bioabsorbable scaffolds

Authors and Co-authors details: G. Sengottuvelu, Ravindran Rajendran, Debdatta Majumdar

Publishing Journal and date: Heart Lung Circ, 2015

18. Optical coherence tomographic image of dynamic left main coronary artery compression caused by intramural haematoma due to spontaneous coronary artery dissection – degloved artery managed with bioresorbable vascular scaffold

Authors and Co-authors details: G. Sengottuvelu, Ravindran Rajendran, Aditi Dattagupta

Publishing Journal and date: EuroIntervention. 2015 Oct

Dr Iravathy Goud, Molecular Biology and Cytogenetics, Hyderabad

19. Molecular diagnosis of H1N1 Virus

Authors and Co-authors details: K Iravathy Goud, Kavitha Matam, Adi Maha Lakshmi Madasu, Ravi Vempati, Sagarika Daripalli, Madhuri Pullumula, Sunita Narreddy, Lavanya Nutankalva

Publishing Journal and date: Apollo Medicine, September 2015

20. Molecular Diagnosis of Chikungunya virus (CHIKV) and Dengue virus (DENV) and its concomitant circulation in South Indian population

Authors and Co-authors details: Seetha Dayakar, Iravathy K. Goud, Heera Pillai, Viji Remadevi, Sanjai Dharmaseelan, Radhakrishnan R. Nair, M. Radhakrishna Pillai


21. Correlation between EGFR Gene Mutations and Lung Cancer: a Hospital-Based Study

Authors and Co-authors details: Kavitha Matam1, Iravathy Goud1, Adi Maha Lakshmi M1, Ravi V1, Sridhar K1, Vijayanand Reddy P1, Srinivas Chakrarvarthy2, SVSS Prasad2, Shaik Nazia Tabassum3, Noor Ahmad Shaik4, Rabbani Syed5, Khalid Khalaf Alharbi5,6,7, Imran Ali Khan5


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Authors and Co-authors details: Kalal Iravathy Goud1, Kavitha Matam1, Adi Mahalakshmi Madasu1, Ravi Vempati1, Sagarika D1, Madhuri P1, Vijayanand Reddy P2, Swarnalatha G3, Michelle Paude3, Meenakshi Swain3, Tejal Modi3, Anuradha3
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Authors and Co-authors details: P.R. Vidyalakshmi, FNB (ID), K. Abdul Ghafur, MRCP, FRCPath, Swati Gohel, MD, and M.A. Thirunarayan, MD


Dr M K Goenka, Gastroenterology, Kolkata

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Authors and Co-authors details: Monika Gupta, Mahesh Kumar Mittal, Amit kumar Agarwal* and Brij Bhushan Thukral

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Authors and Co-authors details: Amit Raut & Deephree Tatar


Dr Anjan Bhattacharya, Pediatrics, Kolkata

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Authors and Co-authors details: Naveen Chandra Ganiga Sanjeeva, 1 Achyut Sarkar,2 Arindam Pande,3 Ranjan K Shetty1


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Authors and Co-authors details: Arindam Pande, Achyut Sarkar1, Imran Ahmed2, Naveen GS Chandra3

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Dr Deepak Govil, GI Surgery, Delhi

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Authors and Co-authors details: Priyanka Aggarwal, Gaurav Aggarwal1

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Authors and Co-authors details: Mohammed Iftekar Ali
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Authors and Co-authors details: Raj Nath Makroo, Anita Kaul1, Aakanksha Bhatia, Soma Agrawal, Chanchal Singh1, Prashant Karna


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Authors and Co-authors details: Swaminathan Selvanayagam1*, Arun Kumar Daniel2, Dhananjayan Rangan3 and Sridevi Anantharaman4


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Authors and Co-authors details: Vaishya R, Agarwal AK, Vijay V, Shravastava VK.

Publishing Journal and date: Apollo Medicine. September 2015, 12

138. An unusual cause of dysphagia

Authors and Co-authors details: Vijay V, Vaishya R, Agarwal AK.


139. Bipartite Hallucal Sesamoid Bone – A case report

Authors and Co-authors details: Khanna V, Kodide U, Virani N, Vaishya R.


140. Os Vesalianum-A confounding diagnosis

Authors and Co-authors details: Tiwari M, Khanna V, Kodide U, Vaishya R.


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Authors and Co-authors details: Vaishya R, Vijay V, Agarwal AK, Jha GK.

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Authors and Co-authors details: Khanna V, Vaishya R

143. Multiple ‘stones’ in the knee
Authors and Co-authors details: Vaishya R, Vijay V, Agarwal AK

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Authors and Co-authors details: Vaishya R, Vijay, Singh H, Agarwal AK

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Authors and Co-authors details: R. Vaishya
Publishing Journal and date: Bone J Journal. 2015

146. Metachronous multicentric giant cell tumour in a young Woman
Authors and Co-authors details: Vaishya R, Agarwal AK, Vijay V, Vaish A
Publishing Journal and date: BMJ Case Reports 2015

147. Bilateral Total Hip Arthroplasty has Similar Complication Rates to Unilateral Total Hip Arthroplasty
Authors and Co-authors details: Vaishya R, Vijay V, Agarwal AK.
Publishing Journal and date: J Arthroplasty. 2015

148. Arthroscopic surgery for degenerative knee: systematic review and meta-analysis of benefits and harms
Authors and Co-authors details: Vaishya R, Vijay V, Agarwal AK, Vaish A.

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Authors and Co-authors details: Vaishya R, Vijay V. Publishing Journal and date: Journal of Clinical Orthopedics and Trauma. 2015

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Authors and Co-authors details: Vaishya R, Agarwal AK, Vijay V
Publishing Journal and date: Cureus 2015 Jul 30

151. Surgical management of musculoskeletal injuries after 2015 Nepal earthquake: our experience
Authors and Co-authors details: Vaishya R, Agarwal AK, Vijay V et al
Publishing Journal and date: Cureus (2015)

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Authors and Co-authors details: Vaishya R, Agarwal AK, Vijay V.

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154. A novel trans-fibular approach for the nonunion of tibial shaft fractures with poor antero-medial skin
Authors and Co-authors details: Vaishya R, Singh H, Vijay V, Agarwal AK. V.
Publishing Journal and date: Cureus. Sep 2015

155. Musculoskeletal manifestations of sickle cell disease: A review
Authors and Co-authors details: Vaishya R, Agarwal AK, Edomwyonyi EO, Vijay V.

156. Osteo arthritis of manubrio sternal joint: A rare case of chest pain
Authors and Co-authors details: Vaishya R, Vijay V, Rai B.

Authors and Co-authors details: Vaishya R, Agarwal AK, Ingle S, Vijay V
Publishing Journal and date: Cureus. 2015

158. Dislocation of a constrained Total Knee arthroplasty with patellar tendon rupture after trivial trauma
Authors and Co-authors details: Vaishya R, Vijay V, Vaish A.

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Authors and Co-authors details: Vaishya R, Agarwal AK, Singh H, Vijay V
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Authors and Co-authors details: Vaishya R, Agarwal AK, Gupta N, Vijay V.
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161. An unusual cause of focal hand dystonia due to retained implant of distal radius
Authors and Co-authors details: Vaishya R, Agarwal AK, Vijay V.
Publishing Journal and date: BMJ Case Reports. 2016

162. Isolated acetabular osteochondroma of the hip
Authors and Co-authors details: Vaishya R, Swami S, Vijay V, Vaish A

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Authors and Co-authors details: Vaishya R, Agarwal AK, Ingle S, Vijay V
164. Local Infiltration Analgesia is effective in pain control and reduction in length of hospital stay in primary Total Knee Arthroplasty: A Randomized Double-Blinded Controlled Study

Authors and Co-authors details: Vaishya R, Wani A, Vijay V

Publishing Journal and date: Acta Orthop Belgica. 2015

165. Idiopathic hypertrophic osteoarthropathy (Pachydermoperiostitis): A syndromic disease of periosteitis, synovitis, clubbing and skin furrowing

Authors and Co-authors details: KC KM, Vaishya R, Paudel S.


166. An unusual case of ACL cyst with multiple melon seed bodies of the knee

Authors and Co-authors details: Vaish A, Sancheti P, Vaishya R

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Authors and Co-authors details: Vaishya R, Agarwal A, Vijay V

Publishing Journal and date: Cureus. February 2016

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Authors and Co-authors details: Vaishya R, Agarwal A, Vijay V, Vaish A

Publishing Journal and date: Cureus. Feb 2016

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Authors and Co-authors details: Vaishya R, Agarwal AK, Vijay V.

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Authors and Co-authors details: Vaishya R, Vijay V, Jha G, Agarwal AK.

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Authors and Co-authors details: Vaishya R, Vijay V, Agarwal AK.

Publishing Journal and date: J Arthroplasty. 2016

Dr Ram Gopalakrishnan, Infectious Diseases, Chennai

172. Endotipsitis caused by extremely drug-resistant Klebsiella pneumonia

Authors and Co-authors details: Laxman G. Jessani, Satish Nayak, Preethi Lingam, Vinay Devraj, Sarojini Parameswaran, Ram Gopalakrishnan, V Ramasubramanian


173. Antiretroviral Therapy for HIV Infection: Time to Switch to Once-Daily Regimens?
Authors and Co-authors details: Raman Gaikwad, Ram Gopalakrishnan, Sheela Nagusah, D Sureshkumar, V Ramasubramanian. Apollo Hospitals/ Greams road, Chennai

Publishing Journal and date: Journal of The Association of Physicians of India, Vol. 63, August 2015

Dr Ramesh Kumar Aggarwal, General Surgery, Delhi

174. Robotic-assisted hiatal hernia surgery with the da Vinci system: A 2-year experience in a single Institution

Authors and Co-authors details: Arun Prasad, Ramesh Kumar Aggarwal, Abhishek Tiwari Vachan S Hukkeri

Publishing Journal and date: Apollo Medicine June 2015


Authors and Co-authors details: Vachan S Hukkeri, Mohd. Qaleem, Subhash Mishra Ramesh Kumar Aggarwal, Vivek Choudhary, Deepak Govil

Publishing Journal and date: Apollo Medicine, 2015 (Abstract issue)

Dr Ramesh Venkataraman, Critical Care, Chennai

176. Feasibility, Safety and Outcome of very early enteral nutrition in critically ill patients: Results of an observational study

Authors and Co-authors details: Bhuvaneshwari Shankar, PhD, D.K. Daphnee, MSc, Nagarajan Ramakrishnan, MD, Ramesh Venkataraman, MD

Publishing Journal and date: Journal of Critical Care June 2015

Dr Ramji Gupta, Dermatology, Delhi

177. Azathioprine pulse therapy to prolong remission of psoriasis

Authors and Co-authors details: Dr. Ramji Gupta

Publishing Journal and date: Glob Dermatol, 2015, Volume 2(5): 197-201

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Authors and Co-authors details: Ramji Gupta a, Sachi Gupta, Anil Gupta

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179. Treatment of prurigo nodularis with dexamethasone cyclophosphamide pulse therapy

Authors and Co-authors details: Dr. Ramji Gupta

Publishing Journal and date: Indian J Derma Venereol Leprol 2016;82; 239-240


Authors and Co-authors details: Dr. Ramji Gupta

Publishing Journal and date: Apollo medicine (Science Direct) 12 ;( 2015); 132-134

Dr Reetika Dawar, Microbiology, Delhi

181. Epidemiology of Nocardiosis -A six years study from Northern India

Authors and Co-authors details: Reetika Dawar, Ruchi Girotra, Seema Quadri, Leena Mendiratta, Hena Rani, Firdaus Imdadi, Avadesh Bansal, Raman Sardana
Dr I Sathyamurthy, Cardiology, Chennai

182. Nonfermenting Gram-Negative Bacilli and Urinary Tract Infection – Sorting the Mystery of Infections Caused

Authors and Co-authors details: Rachana Solanki, Reetika Dawar, Devander Kumar Aggarwal, Hena Rani, Firdaus Imdadi and Sanjeev Jasuja

Publishing Journal and date: Journal of Microbiology and Infectious Diseases / 2016; 6 (2): 60-64
JMID

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Authors and Co-authors details: M. Matlani, T. Shende, V. Bhandari, R. Dawar, R. Sardana, R. Gaind. New microbes and new infections

Dr Ruchi Rastogi, Radiology, Delhi

184. Comparative accuracy of CT, Dual echo MRI and MR spectroscopy for preoperative liver fat quantification in living related liver donors

Authors and Co-authors details: Ruchi Rastogi, Subhash Gupta, Bhavya Garg, Sandeep Vohra, Manav Wadhawan, Harsh Rastogi

Publishing Journal and date: Indian J Radiol Imaging Feb. 2016; 26: 5-14

185. Findings at brain MRI in children with dengue fever and neurological symptoms

Authors and Co-authors details: Ruchi Rastogi & Bhavya Garg


Dr Samarjit Bisoyi, Acardiac Anesthesiology, Bhubaneswar

187. Left ventricular pseudoaneurysm versus aneurysm: a diagnosis dilemma

Authors and Co-authors details: Samarjit Bisoyi1, Anjan K. Dash1, Debashish Nayak, Satyajit Sahoo, Raghunath Mohapatra

Publishing Journal and date: Annals of Cardiac Anaesthesia, Jan-March 2016

Dr Sanjay Chatterjee, Diabetology, Kolkata

188. Vildagliptin with Metformin Once-Daily Regimen-Insights from a Single-Center Analysis

Authors and Co-authors details: Sanjay Chatterjee, Saurav Chatterjee


189. More- vs less-intensive BP-lowering regimens reduce major CV events

Authors and Co-authors details: Partha Sardar Anasua Chakra borty Sanjay Chatterjee

Publishing Journal and date : Annals of Internal Medicine 16th February 2016
190. In patients with SBP ≥130 mm Hg and CV risk, intensive vs standard BP control reduced CV events and mortality major CV events

Authors and Co-authors details: Partha Sardar Anasua Chakraborty Sanjay Chatterjee

Publishing Journal and date: Annals of Internal Medicine 16th February 2016

Dr Sanjay Sinha, Urology and Transplant Surgery, Hyderabad

191. Policies for replacing long-term indwelling urinary catheters in adults

Authors and Co-authors details: Fergus PM Cooper, Cameron Edwin Alexander, Sanjay Sinha, Muhammad Imran Omar


192. Postradiation angiosarcoma of bladder with extensive osseous metaplasia

Authors and Co-authors details: Hima Bindu Rallabandi, Meenakshi Swain, Swarnalata Gowrishankar, Sanjay Sinha

Publishing Journal and date: Indian Journal of Pathology and Microbiology, 2016

Dr Sanjeev Patnaik, Orthopaedics, Bhubaneswar

193. Complex Primary Total Knee Replacement (TKR) Using Prophylactic Gastrocnemius Flap and Rotating-Hinge Knee in Post-traumatic, Infective Arthritis of the Knee – A Case Report

Authors and Co-authors details: Sanjeev Patnaik¹, Biswaranjan Nayak², Laxmikanta Mishra¹, Akshaya Kumar Sahoo³


Dr Shameed Ahmed, Neurosurgery, Guwahati

194. Painless loss of vision as the first presentation for undiagnosed neurofibromatosis

Authors and Co-authors details: Paul SP, Ahmed S


195. Diagnosing depressed skull fracture in a young child

Authors and Co-authors details: Shameed Ahmed, R T Frank, Siba P Paul

Publishing Journal and date: Nursing time, Vol 111, April 2015

196. Paradigm shift in Management Strategies of craniocerebral missile injuries improving survival rates and functional outcome score

Authors and Co-authors details: Binoy Kumar Singh, Shameed Ahmed, B K Baishya, Zakir Hussain, R Hazarika, A Saikia

Publishing Journal and date: Indian journal of Neurotrauma, June 2015

197. Crush Smear Cytology: A Rapid diagnostic technique in the intraoperative diagnosis of CNS Tumours

Authors and Co-authors details: Dr. Sarat Das, Dr. Rajesh Kr. Barooah, Dr Ahmed Ali, Dr. Shamin Ahmed

Publishing Journal and date: Journal of Medical Science and Clinical Research, July 2015
198. Supporting rehabilitation of traumatic brain injury sufferers in the community
Authors and Co-authors details: Shameed Ahmed, Siba P Paul
Publishing Journal and date: Community practitioner, August 2015

199. Dural arteriovenous fistula presenting with acute subdural hematoma: a rare case report
Authors and Co-authors details: BK Baishya, Deep Dutta, Shameed Ahmed, Zakir Hussain

Dr Sharmili Sinha, Critical Care, Bhubaneswar

200. Chicken Pox with Severe Sepsis with Multi-Organ Dysfunction and Severe Rhabdomyolysis
Authors and Co-authors details: Sharmili Sinha, Jyotimayee Pati
Publishing Journal and date: Critical Care Medicine, December 2015

201. Evaluation of Indication and Outcome of External Ventricular Drainage in a Tertiary ICU
Authors and Co-authors details: Sharmili Sinha, Souvik Chaudhuri
Publishing Journal and date: Critical Care Medicine, December 2015

Dr Sheba S Jacob, Pathologist, Chennai

202. Human pulmonary dirofilariasis masquerading as a mass
Authors and Co-authors details: Sheba Jacob, Ashok Parameswaran, Rajan Santosham and Rajiv Santosham


203. Colitis induced by sodium polystyrene sulfonate in sorbitol: A report of six cases
Authors and Co-authors details: Sheba S. K. Jacob1 & Ashok Parameswaran1 & Sarojini Ashok Parameswaran1 & Ubal Dhus1
Publishing Journal and date: Indian J Gastroenterol (March–April 2016) 35(2):139–14

Dr Shobana Sekhar, Sr. Registrar, Head and Neck Surgery and Oncology, Hyderabad

204. Parathyroid Hormone as a Marker for Predicting the Severity of Hypocalcaemia Following Parathyroidectomy
Authors and Co-authors details: Shobana Sekhar, Umanath K. Nayak, D. Suhasini, Buggaveeti, Rahul, Rabindranath Mehrotra

Dr Subhash Kumar Wangnoo, Diabetes and Endocrinology, Delhi

205. Initiating insulin therapy in children and adolescents with type 1 diabetes mellitus
Authors and Co-authors details: Subhash Kumar Wangnoo
Publishing Journal and date: Indian Journal of Endocrinology and Metabolism / 2015 / Vol 19 | Supplement 1

206. Diabetic foot: Clinical presentation and management in 2015
Authors and Co-authors details: Subhash Kumar Wangnoo
207. Clinical and Serological characterization of cold agglutinin syndrome in a tertiary care hospital in Eastern Region

Authors and Co-authors details: Dr. Sudipta Sekhar Das, Dr. Soumya Bhattacharya, Dr. Shilpa Bhartiya


208. In-house preparation of lectin panel and detection of Tn polyagglutination

Authors and Co-authors details: Dr. Sudipta Sekhar Das


Dr Suvro Banerjee, Cardiology, Kolkata

211. A simple method for Bachmann's bundle pacing with indigenous modification of J-stylet

Authors and Co-authors details: Asit Das a, Suvro Banerjee b, S.C. Mandal c

Publishing Journal and date: Indian Heart Journal, 2015

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Authors and Co-authors details: Multiple authors

Publishing Journal and date: Indian Heart Journal, 2015

Dr Syamasis Bandyopadhyay, Medicine, Kolkata

214. Pacemaker lead Candida endocarditis: Is medical treatment possible?

Authors and Co-authors details: Syamasis Bandyopadhyay, P.K. Tiwary, Susobhan Mondal, Shilpa Puthran

Publishing Journal and date: Indian Heart Journal, December 2015
Dr Ujjwayini Ray, Microbiology, Kolkata

215. Uncommon causes of fungal sinusitis from eastern India

Authors and Co-authors details: Ujjwayini Ray, Soma Dutta

Publishing Journal and date: Indian Journal of Medical Microbiology, June 2015

216. A case of multiple cutaneous lesions due to serratia marcescens in an immunocompromised patient

Authors and Co-authors details: Ujjwayini Ray, Soma Dutta, Chandrashish Chakravarty and Arpita Sutradhar

Publishing Journal and date: JMM Case reports Accepted in April 2015

217. Brain abscess due to Cladophialophora bantiana: a review of 124 cases


Dr Vachan Hukkeri, DNB Trainee, Gastroenterology GI Surgery, Delhi

218. Robotic colorectal surgery: Technique, advantages, disadvantages and its impact in today’s era of minimal access surgery

Authors and Co-authors details: Vachan, Subhash Hukkeri, Deepak Govil

Publishing Journal and date: Apollo Medicine, 12 (June 2015), 77-81

219. Minimizing locoregional recurrences in colorectal cancer surgery

Authors and Co-authors details: Vachan, Subhash Hukkeri, Subhash Mishra, Md. Qaleem Satyaprakash Jindal, Ramesh Aggarwal, Vivek Chaudhary, Deepak Govil

Publishing Journal and date: Apollo Medicine, 12 (July 2015), 185-188

220. Gallstone ileus in today’s Era of Laparoscopic Cholecystectomy

Authors and Co-authors details: Vachan, Subhash Hukkeri, Subhash Mishra, Md. Qaleem Sudipto De, Purak Mishra, Rajiv Shandil, Deepak Govil, Ajay Kumar

Publishing Journal and date: Apollo Medicine July 2015

Dr Venkatesh T K, Cardiology, Bangalore

221. NSTEMI of Infero-Posterior wall with WPW ECG Pattern- Importance of St-Segment Depression in Anterior Leads-A Case Report

Authors and Co-authors details: Venkatesh Tekur Krishnamurthy


222. Hemophilia B with Acute Myocardial Infarction-A Case Report with Brief Review of Literature

Authors and Co-authors details: Venkatesh Tekur Krishnamurthy

223. Hand Made Covered Coronary Stent Seals type 3 Coronary Perforation – A Life Saving Procedure When Ready to use Covered Stents are Unavailable

Authors and Co-authors details: Venkatesh Tekur Krishnamurthy

Publishing Journal and date: Journal of Cardiovascular Disease Research*2016; 7(1): 56-57

Dr Vikram Mahajan, Anesthesiology, Delhi


Authors and Co-authors details: Vikram Mahajan MD Anesthesia, FRCA, Junaid Hashmi MBBS, DNB candidate, Rahul Singh DA, DNB, Tanvir Samra MD, Sanjeev Aneja MD, FRCA

Publishing Journal and date: Journal of Clinical Anaesthesia, August 2015

Dr Vikram Pratap Singh, Surgical Oncology, Delhi

225. Asymptomatic primary hyperparathyroidism Exists in north India: retrospective data From 2 tertiary care centers

Authors and Co-authors details: Ambrish Mithal, MD, DM; Parjeet Kaur, MD, DM; Vikram Pratap Singh, MS; Deepak Sarin, MS, DNB; Dhanwada Sudhaker Rao, MD

Publishing Journal and date: Endocrine Practice Vol 21 No. 6 June 2015

Dr Vinit Kumar Srivastava, Neuroanesthesia, Bilaspur

226. Anesthetic Management of a Patient with Myasthenia Gravis for Meningioma Surgery - A Case Report

Authors and Co-authors details: Srivastava VK, Agrawal S, Ahmed M, Sharma S

Publishing Journal and date: Kathmandu University Medical Journal, VOL. 13 | NO. 1 | ISSUE 49 | JAN-MAR 2015

227. Comparative Evaluation of Dexmedetomidine and Magnesium Sulphate on Propofol Consumption, Haemodynamics and postoperative Recovery in Spine Surgery: A Prospective, Randomized, Placebo Controlled, Double-blind Study

Authors and Co-authors details: Vinit K. Srivastava1*, Abhishek Mishra1, Sanjay Agrawal2, Sanjay Kumar3, Sunil Sharma1, Raj Kumar1

Publishing Journal and date: Advanced Pharmaceutical Bulletin, 2016, 6(1), 75-81

Dr Vipul Vijay, Orthopedics, Delhi

228. Isolated C-C joint tuberculosis - a diagnostic dilemma

Authors and Co-authors details: Vijay V, Vaishya R.

Publishing Journal and date: The Foot. DOI

Dr Nagendra Boopathy, Cardiology, ASH Vanagaram

229. Percutaneous intervention of chronic total occlusionof anomalous right coronary artery originating from left sinus – Use of mother and child technique using guide liner

Authors and Co-authors details: Nagendra Boopathy Senguttuvan a, Samin K. Sharma b, Annapoorna Kini c,*

Publishing Journal and date: Indian Heart Journal 6 7 (2 0 S42 1 5) s 4 1 – s 4 2

230. Spontaneous Normalization of Valve Function after Failed Fibrinolytic Therapy for Left-Sided Prosthetic Valve Thrombosis
Authors and Co-authors details: Ganesan Karthikeyan, MD, DM, MSc Nagendra Boopathy Senguttuvan, MD, DM Niveditha Devasenapathy, MBBS, MSc,Vinay K. Bahl, MD, DM, Balram Airan, MS, MCh

Publishing Journal and date: Journal of the American College of Cardiology, 2015

231. Percutaneous management of coronary embolism with prosthetic heart valve thrombosis after Bentall’s procedure

Authors and Co-authors details: Nagendra Boopathy Senguttuvan a,*, S. Ramakrishnan b, Sandeep Singh c, Sundeep Mishra c

Publishing Journal and date: Indian Heart Journal, 2015 5 8 9 – 5 9

232. TAVR through Heavily Calcified Aorta Following Atheroma Retrieval with the “Elevator” Technique

Authors and Co-authors details: Senguttuvan NB, Ellozy S, Tejani F, Kovacic J, Kini AS, Sharma SK, Danga GD

Publishing Journal and date: J Invasive Cardiology, October 2015

CLINICAL FELLOWSHIP OF APOLLO HOSPITALS EDUCATION AND RESEARCH FOUNDATION

Apollo Hospitals Education and Research Foundation (AHERF) had started Clinical Fellowship in the year 2013 in various disciplines. These fellowships are being offered for one-year duration in those specialities where no or limited training programmes exist in India. Nineteen fellowships have been approved.

Group locations to run the Clinical Fellowship of AHERF:
1. Stroke in Neurology
2. Cardiac/ Anaesthesia
3. Endoscopy
4. Clinical Nephrology
5. Dialysis
6. Transplant Nephrology
7. Interventional Pulmonology
8. Hyperbaric Medicine
9. Endocrinology
10. Head and Neck Oncologic surgery
11. Liver Transplant Anaesthesia
12. Liver Transplant and HPB surgery
13. Renal Transplant surgery
14. Developmental Paediatrics
15. Arthroscopy & Sport Medicine
16. Implantation Otology
17. Paediatric Endocrinology
18. Minimal access and robotic surgery in Gynaecology
19. IVF

Clinical Fellowship in "Head and Neck Oncologic surgery" has become very much popular at Hyderabad and every year we receive more than 20 - 25 applications for one seat.

Apollo Group locations where Clinical Fellowship of AHERF has been approved:
1. Delhi
2. Bangalore
3. Bilaspur
4. Pune
Clinical Fellows who have successfully completed their training and examination were conferred with a certificate of Clinical Fellowship of AHERF in the respective speciality.

APOLLO RESEARCH AND INNOVATIONS (ARI)

ARI focuses on scouting, evaluating, deploying and integrating innovations Apollo Hospitals, with an objective of improving outcomes, affordability and accessibility for our patients. Innovations span across drugs, devices, healthcare software or consumer goods of clinical relevance. ARI provides an end to end platform for converging clinical insights, technology and business to spawn innovation and research within the Apollo Hospitals ecosystem.

ARI currently has a comprehensive ecosystem to undertake clinical studies for sponsored drug trials, devices, software as well as consumer goods. Apollo currently is also India’s single largest clinical site solutions organization having undertaken over 850 clinical studies, operated by a dedicated team of 80 professionals located across 14 different Apollo Hospitals over 10 therapeutic areas. This competence has been further evolved to extend co-development capabilities and augment the same with some very creative business models.

ARI Vision

“Enable a Research and Innovations led Apollo Hospitals, which consistently rides the cutting edge in Technology, Therapy and Delivery for improved patient outcomes, affordability and reach”.

Work Scope

ARI works across a diverse set of focus areas namely – clinical trials, clinical research training programme pre-market validation studies, device and software validation studies and co-development, basic and translational research, public health studies, personalized medication and healthcare innovation through creative collaborations.

Clinical Research – Overview

Institutional Ethics Committee

a. ARI provides expert advice and recommendations of various aspects on ethical conduct of clinical research to the research sites, which enables the hospital centres to comply with the stringent regulatory changes. The ethics committees are registered with DCGI.

b. Institutional Committee for Stem Cell Research (IC-SCR)

IC-SCR has been formed at Chennai and New Delhi to review and approve the stem cell research proposals as per DBT-ICMR guidelines. The committees have applied for registration with the national apex committee (NAC). The Chairpersons of the respective Committees at each institution ensure meeting as per the SOP to review all stem cell related projects. During this academic year no proposals have been reviewed by IC-SCR.

Experience in Clinical Trials

ARI has vast experience in conducting clinical trials, clinical research studies, registries, data collection studies, validation studies, investigator initiated research studies, non-clinical studies, basic research studies and translational research studies.

Clinical Research Training Programme

ARI continues to conduct training programmes in Clinical Research to equip the clinical research aspirants to meet the industry needs.
a. Post Graduate Diploma in Clinical Research (PGDCR) – Six months full time programme with three months of theory and three months of internship which will covering all the activities of clinical trials.

b. Advanced Professional Course in Clinical Research (APCCR) – Nine months part time programme with six months of theory and three months of internship.

The board objective of this initiative is to train and equip young professionals with the critical skills needed to develop and promote scientifically valid and ethically appropriate clinical research and to collaborate with the industry leaders and give hands on experience to acquire expertise in the area of clinical research.

c. Executive Programme in Pharmacovigilance (EPPV) – Two months week end programme with observership.

**ARI Services**

*Apollo Research and Innovations offers these following services:*

1. Carry out clinical trials across therapeutic disciplines pan India
2. Evaluate and Introduce existing innovations to ensure that patients can benefit from cutting edge technologies and therapies at affordable cost
3. Validate technologies that are in use outside India but need customization to introduce in India
4. Co-development of technology; comprising - clinical study, clinician insight, financial insight, field visits and other hospital support
5. Seed funding for healthcare start-ups/disruptive ideas
6. Innovation adoption in Apollo ecosystem
7. Business modeling, enterprise structuring and creation, legal facilitation, commercials.
8. Collaborative clinical research studies
9. Investigator initiated research studies
10. Clinical research training
11. Facilitation for introduction of Precision Oncology to provide genetic predictive screening tests and genomic tests for various cancers to diagnose, chemo-sensitivity testing, treatment and recurrent monitoring testing
12. Coordination and facilitation for introduction of new technology, therapy, process, diagnosis, etc from initial stages to commissioning and operationalizing

ARI has developed the capability to now conduct clinical studies for drugs, devices, software applications and others. Further, ARI works with its clients and partners with a variety of creative business models to enable progressive and quality research.

ARI has established a benchmark in terms of ethics compliance and standards across its sites. The Institutional Ethics Committees (IEC) in ten Apollo Hospital centres are registered with the Drug Controller General of India (DCGI) and IECs at Ahmedabad, Chennai, Hyderabad, Madurai and New Delhi are also OHRP (Office of Human Research Protection) registered. ARI has an in-house ethics and quality assurance team for clinical trials across multiple sites. ARI is currently coordinating implementation of over 100 clinical studies across Apollo Hospitals pan India.
### Our Competence

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<td>Availability of Satellite sites</td>
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### ARI Locations – PAN India

![ARI Locations Map](image)
ARI accredited by AAHRPP (Association for the Accreditation of Human Research Protection Programme) for 13 of the Apollo Hospitals Centres

Apollo Hospitals Enterprise Limited (AHEL) has been awarded full accreditation and honoured with the global Gold Seal by the Association for the Accreditation of Human Research Protection Programmes (AAHRPP) at the September 2016 meeting of its Council on Accreditation. AAHRPP accreditation marks AHEL as one of those elite institutions and companies which maintain the highest international standards in conducting research requiring human participants.

This accreditation has been awarded based on a strong commitment demonstrated to protect research participants and promoting high quality research. AAHRPP has accredited less than 2% of hospitals worldwide. To date, only 35 institutions have earned AAHRPP accreditation outside the United States. This is the first time in AAHRPP’s history that 5 hospital locations from the same group (comprising of 13 hospital centres) have been awarded full accreditation simultaneously worldwide. Over 60% of research intensive institutions/medical schools in the U.S along with NIH are AAHRPP accredited.

The hospital locations accredited are Apollo Hospitals Ahmedabad, Apollo Hospitals Chennai (Apollo Main Hospital, Apollo Speciality Hospital, Apollo First Med Hospital, Apollo Tondiarpet Hospital, Apollo Hospitals Vanagaram, Apollo Children’s Hospital), Apollo Hospitals Hyderabad (Apollo Health City Jubilee Hills, Apollo Hospitals DRDO, Apollo Hospitals Hyderguda and Apollo Hospitals Secunderabad), Apollo Speciality Hospitals Madurai and Indraprastha Apollo Hospital New Delhi.

With the “gold seal” accreditation, AAHRPP assures that the Human Research Protection Programme is focused first and foremost on excellence.

Accredited Member Organization of Indian Society for Clinical Research (ISCR)

Apollo Research and Innovations is an Accredited Member Organization (AMO) of ISCR and is active with its various council activities. The team members contribute to ISCR for the development and enhancement of quality in clinical research in accordance with the regulatory changes and to meet the unmet need of the community. ARI participates in various training programmes and jointly conduct various training programmes for the clinical research professionals and to bring in awareness of clinical research to the public and healthcare professionals.

Research at AHERF

Work scope at AHERF includes Basic Research, Clinical Research, Translational Research, Epidemiological Research, and Research related to e-health, Personalized Medicine and Innovations. Some of them are mentioned below:

Basic Research

Molecular diagnostic Research- This is one of the thrust areas identified by AHERF. The CMBRC facility has been established primarily towards fulfilling this objective. The laboratory is well established with a team of scientists and trained research fellows. Under the umbrella of the CMBRC and AHERF several basic research project proposals have been developed. For e.g. Validation of molecular markers in staging meningiomas in a small cohort of tumours.

Epidemiological Research

The objective of these studies is to carry out investigations at the population level at various
geographical locations that will collect data on prevalence, incidence and status of non-communicable and other diseases. This will enable the national health planners while proposing and implementing health policies.

Ongoing Projects:

a. Analysis of gender based newer risk factors for coronary artery disease
b. Prevalence and incidence of osteoporosis in geriatric population

Translational Research

Brain Tumour - Glioblastomas
AHERF has developed an exosome technology for detection and screening of glioblastomas (GBMs) from blood. This minimally invasive technology enables gaining information about the GBM profile without the need for an invasive biopsy. Further, this panel can also be used for real time monitoring of GBM post-surgery for cases of metastasis.

This platform has been developed by AHERF using its Cell and Molecular Biology Research Centre (CMBRC) lab at Hyderabad. Using the GBM samples available from the Hospitals with the requisite ethical consent the initial information has been gathered on 40 patients’ samples.

Further, AHERF is in the process of collaborating with Datar Genetics one of the leading Genetic Diagnostic Companies in India to license the know-how established by AHERF for development of diagnostic test kit for GBM and validation of the same. Post the development and validation, Datar Genetics shall commercialize the Test. As per the commercial arrangement between AHERF and Datar, AHERF has licensed the know-how for revenue shares to fund its further research in similar technologies.

Academic Collaborations

Jamia Hamdard University, New Delhi
An MoU was signed with Jamia Hamdard University (JHU) with a focus to enhance the educational activities and training programme in research. The cooperation will aim to provide opportunities for both staff and students of both institutions. A programme in bio-ethics is being planned as a collaborative effort between AHERF and JHU and the planning is in process.

University of Hyderabad
A memorandum of understanding (MoU) has been signed between University of Hyderabad (UOH) and AHERF, at the inaugural session of the BioQuest 2016. The MoU will facilitate the faculty of UoH to interact with clinicians for conducting joint research projects, organizing seminars/workshops/training programmes and conduct project works for MD/PhD students.

Guru Nanak Institutions
An MoU between AHERF and Guru Nanak Institution has been signed for a validation study. To develop image fusion protocols for better tissue discrimination and distinguishing between tumour with its boundaries of infiltration using CT and MRI.

Other Collaborative Initiatives

International Clinical Epidemiology Network (INCLEN)
AHERF forged collaboration with INCLEN to strengthen epidemiological research at Apollo Hospitals. AHERF along with INCLEN won Apollo’s first government grant from ICMR for conducting conduce study on non-alcoholic fatty liver disease (NAFLD) and is working towards initiating joint research projects in hypertension, child and maternal healthcare. The aim is to study the prevalence of NAFLD in overweight/obese and normal weight school children aged 5-10 yrs in Delhi-NCR area and its relevance with metabolic syndrome.

Ongoing Projects

Clinical Trial Preferred Partnership
Collaboration with Pfizer
Pfizer, a leading multinational pharmaceutical company is working with Apollo Group and has selected the sites as part of their global INSPIRE
programme, which gives the sites to get the feasibility of any Pfizer clinical study coming to India. The Chennai, Hyderabad and New Delhi centres have been renewed for being part of the INSPIRE sites and applications have been submitted for other sites.

**Collaboration with Saarum Sciences**
Apollo Hospitals Enterprise Limited (AHEL) has joined hands with a life science company named Saarum by means of a Joint Venture named Sapien Biosciences (Sapien). Sapien aims at building a commercially sustainable bio-banking business that will leverage on bio-samples from Apollo’s nationwide network of hospitals. AHEL would be holding a majority stake in Sapien. Sapien is specially created to have control on the bio-bank and to offer clinical research/patient facing services such as patient treatment optimization, clinical stratification, customized bio-sample curation stand-alone target and biomarker validation services etc., leveraging the bio-bank. The activity is coordinated by AHERF.

Sapien Life Sciences is incubated in AHERF facility in Hyderabad.

**Investigator Initiated Studies**

**Collaboration with USV**
An Investigator Initiated Research Study to evaluate the safety and effectiveness of two doses of FDCs consisting of Glimeperide + metformin with Sitagliptin + Metformin in type II diabetes patients who do not respond to monotherapy.

**Collaboration with Early Sense**
AHERF conducted a pilot study on Earl Sense’s fully integrated system for patient monitoring at the oncology department of Apollo Delhi. The device is intended to monitor and track patients’ heart rate, respiration rate, movement and in and out of bed status. This facilitates early and timely interventions to prevent ICU transfers and helps reduce length of stay.

**Collaboration with Current Medical Concepts**
AHERF is involved in preparation of a study protocol for evaluation of the risk factors for acute haemorrhagic stroke in the Indian population with Dr. Venkataram as the Lead Principal Investigator.

**Validation Study**
Agreement signed for validation study with iFeel Labs
Apollo signed an agreement to conduct a validation study on the iFeel Labs, an Israeli based company with an objective to provide Heart Rate Variability Modulation technique by biofeedback in asthmatic patients to check whether it reduces the dose of inhalers.

**Prevalence of Abdominal Aortic Aneurysm (AAA) South Indian Population**
AHERF has undertaken a study on the prevalence and associated risk factors of abdominal aortic aneurysm (AAA) in persons with cardiovascular risk among South Indian adult men age above 65 years.

**Apollo CT Angio Project on Coronary Artery Disease (CAD)**
While non-communicable diseases (NCDs), that is cardiovascular diseases, cancer, chronic respiratory diseases and diabetes, contribute to around 5.87 million deaths (60% of all deaths) in India, cardiovascular diseases alone which include coronary artery diseases, stroke and hypertension, contributes 45% of the total NCD deaths. Many of these occur in young people.

If a systematic framework to monitor risk factors over time is developed, it is possible to build models to perform appropriate interventions.

Although invasive coronary angiography is the “gold standard” for diagnosis of stenosis-related CAD, it involves high cost and is not without risk of serious complications. CT coronary angiography due to its lower risk of complications and higher potential for prediction of severe cardiovascular events is gaining
ground for the diagnosis of CAD and treatment decision-making.

AHERF in conjunction with Apollo Hospitals and Oxyent Medical, undertook the study "Relevance of CT Angio in Coronary Artery Disease." The aim was to establish the correlation of risk factors and CAD and to determine the relevance of CT angiography in identifying the onset of CAD in young individuals by applying data analytic approaches and machine learning tools on collected data.

This study will lead to the development of appropriate algorithm for screening of young patients during health checkups.

**Collaboration**

**Apollo and Datar Genetics (DNA+)**
AHERF was involved in scientific due diligence to bring out the genetic pre-disposition gene test. Apollo Hospitals has partnered with Datar Genetics to offer a comprehensive disease pre-disposition test - DNA+. This one time test would analyse and assess the unique DNA make-up to understand its impact on genetic predisposition for more than 60 conditions including cardiovascular disease, diabetes and cancers, by which the patients can be well informed to follow any life style modifications. DNA+ test is being made available at Apollo Hospitals across India. More than 3500 tests have been completed and the results will be analysed for an outcome report after the ethics committee approval.

**Apollo and Henry Ford Heal Systems**
Apollo signed an MoU with Henry Ford Heal Systems to carry out collaborative population based research proposals. It aims to develop an innovative eco system to identify, develop and manage opportunities which are capable of providing scalable solutions for global healthcare challenges and needs. AHERF provides an advisory role in participating in the technical and scientific discussion in short listing the research proposals and facilitation.

**AHERF and Osler Research**
AHERF signed an MoU with the research division of a Canada based public hospital – Osler Health System to undertake comparative population studies in chronic diseases, understand various aspects of wellness, disease progression and treatment for individuals in South Asian population with Caucasians, and to identify unique service delivery models to meet the needs of the South Asian population. The preliminary discussions are in process.

**AHERF and BYNET**
AHERF entered into collaboration with BYNET, an Israeli defence company for perimeter fencing and mobility monitoring. A pilot was conducted with Apollo Cradle for tracking and monitoring patient/baby movement to prevent any kind of unauthorised access/movement of babies in cradle.

**Other Initiatives**

**Pharmacovigilance Units**
Pharmacovigilance Units have been established at Apollo Chennai, Hyderabad, Kolkata and New Delhi as part of the Pharmacovigilance Programme of India, coordinated by AHERF. The Adverse Drug Reaction (ADR) reporting is being continuously carried out by the Delhi Pharmacovigilance Centre and the newsletter is shared with the hospital group highlighting the need for ADR reporting and the process involved in it.

**Apollo Medicine**
Apollo Medicine, official journal of Apollo Hospitals Group is a peer reviewed and Indexed Journal and is published by Elsevier in both print and electronic formats. Apollo Medicine (ISSN No. 0976-0016) has been conceptualized with the idea of providing a platform for researchers as well as clinicians since its inception in September 2004. The journal is published quarterly (March, June, September and December) and is distributed to all consultants.
and doctors of Apollo Hospitals Group, all medical colleges across the country, libraries and various subscribers around the world.

Current and all previous issues of the journal can be accessed at http://www.apollomedicaljournal.net/. Forty six issues have been published till now.

The Journal accepts the following categories of manuscripts:

- Editorials
- Original research articles
- Review articles
- Case reports
- Journal scans
- Technology update
- Technology in medicine
- Interesting case pictures
- Interesting case videos
- Manuscripts on patient safety and quality in healthcare
- A brief on different government national programmes
- Manuscripts on medico legal cases/ lessons for doctors / manuscripts on ethics, manuscripts on common psychiatry disorder
- Protocols and clinical guidelines from the leading hospitals / professional societies
- Letter to the editor

Apollo Medicine has set a benchmark by encouraging publications of high quality in different streams of medical sciences.
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OUR FOOTPRINTS

APOLLO HOSPITALS

India

Andhra Pradesh
Apollo Hospitals, Aragonda
Aragonda Village, Thavanampalli Mandal, Chittoor, Andhra Pradesh 517129

Apollo Hospitals, Health City, Arilova
Door No: 18-516/2/1, Health City, Chinnagadili, Arilova, Visakhapatnam, Andhra Pradesh

Apollo Hospitals, Kakinada
No. 13-1-3, Main Road, Kakinada, Andhra Pradesh 533001

Apollo Hospitals, Nellore
16/111/1133, Muttukur Road, Pinakini Nagar, Nellore, Andhra Pradesh 524004

Apollo Hospitals, Visakhapatnam
10-50-80, Waltair Main Road, Opp. Daspalla Executive Court, Ram Nagar, Visakhapatnam, Andhra Pradesh 530002

Assam
Apollo Hospitals, Guwahati
Apollo Hospitals, Guwahati, Unit: International Hospitals, Lotus Tower, Christian Basti, G.S.Road, Guwahati – 781005

Chattisgarh
Apollo Hospitals, Bilaspur
Seepat Road Bilaspur, Chattisgarh

Apollo N.M.D.C Apollo Central Hospital, Bacheli
South Bastar Dantewada Dist., Chhattisgarh – 494553

Delhi
Indraprastha Apollo Hospitals
Delhi Mathura Road, Near Jasola Apollo Metro Station, Sarita Vihar, New Delhi, Delhi 110076

Gujarat
Apollo Hospitals, Ahmedabad
Plot No.1A, Bhat GIDC Estate Dist., Gandhinagar - 382428, Ahmedabad, Gujarat

Apollo Hospitals City Center, Ambawadi
No.1, Tulsi Baugh Society, Opposite Doctor House, Near Parimal Garden, Ambawadi, Ahmedabad, Gujarat 380006

Karnataka
Apollo Hospitals, Bangalore
154/11, Bannerghatta Road, Opposite IIM, Bengaluru, Karnataka 560076

Apollo Speciality Hospital, Jayanagar
No. 21/2 (Old No.2), 14th Cross, 3rd Block, Jayanagar, Bengaluru, Karnataka 560011

Apollo BGS Hospitals, Mysore
Adhichunchanagiri Road, Kuvempunagar, Mysuru, Karnataka 570023

Apollo Hospital Seshadripuram
1,17 and 18 platform Road, Near Swathi Hotel, Sheshadripuram, Bengaluru, Karnataka 560020

Madhya Pradesh
Apollo Hospitals, Indore
Scheme No. 74 C, Sector D, Vijay Nagar, Indore, Madhya Pradesh 452010

Maharashtra
Apollo Hospitals, Nashik
Plot No. 1, Swaminarayan Nagar, New Adgaon
Naka, Panchavati, Near Lunge Mangal Karyalaya, Nashik, Maharashtra 422003

Apollo Hospitals - Navi Mumbai
Plot # 13, Parsik Hill Road, Off Uran Road, Sector 23, CBD Belapur, Navi Mumbai, Maharashtra 400614

Apollo Jehangir Hospital, Pune
32 Sassoon Road, Pune - 411 001

Odisha
Apollo Hospital, Bhubaneswar
751013, Doordarshan Colony, Gajapati Nagar, Bhubaneswar, Odisha 751013

Tamil Nadu
Apollo Children’s Hospitals Thousand Lights, Chennai
No. 15, Shafee Mohammed Road, Thousand Lights, Chennai, Tamil Nadu 600006

Apollo First Med Hospitals, Kilpauk
No. 154, Poonamallee High Road, Kilpauk, Chennai, Tamil Nadu 600 010

Apollo Hospitals Greams Road Chennai
No. 21, Greams Lane, Off Greams Road, Chennai, Tamil Nadu 600006

Apollo Speciality Cancer Hospital, Teynampet
New No.6, Old No.24, Cenotaph Road, Teynampet, Chennai, Tamil Nadu 600035

Apollo Reach Hospital, Karaikudi
Madurai Main Road, Managiri, Sivagangai District, Karaikudi, Tamil Nadu 630307

Apollo Medical Centre, Karapakkam
No. 2/319, OMR, Karapakkam, Chennai, Tamil Nadu 600 097

Apollo Hospitals, Karur
LGB Nagar, Andankoil East, Karur, Tamil Nadu 639001

Apollo Hospitals, Madurai
Lake View Road, K.K. Nagar, Madurai, Tamil Nadu 625 020

Apollo Speciality Hospitals, Perungudi, OMR
5/639, Old Mahabalipuram Road, Opp Histyle Showroom, Perungudi, Chennai, Tamil Nadu 60096

Apollo KH Hospital, Ranipet
Ranipet, Vellore Bypass Road, Melvisharam, Vellore, Tamil Nadu 632509

Apollo Hospitals, Sowcarpet
No. 134, Mint Street, Opposite Ramar Temple, Sowcarpet, Chennai, Tamil Nadu 600079

Apollo Hospitals Tondiarpet, Chennai
645 and 646, Thiruvottiyur High Road, Tondiarpet, Chennai, Tamil Nadu 600081

Apollo Speciality Hospitals, Trichy
Ariyamangalam Area, Madurai Highway, Tiruchirappalli, Tamil Nadu 620010

Apollo Speciality Hospitals, Vanagaram
No. 64, Vanagaram to Ambattur Main Road, Vanagaram, Chennai, Tamil Nadu 600095

Telangana
Apollo Hospital, DRDO
DMRL X Road, Kanchan Bagh, Santosh Nagar, Hyderabad, Telangana 500258

Apollo Emergency Centre – Hyderguda
Plot No. 838, 3-5-836-838/1, Near Old MLA Quarters, Hyderguda, Hyderabad, Telangana 500029

Apollo Health City Hospital, Jubilee Hills
Road No 72, Opp. Bharatiya Vidya Bhavan School, Film Nagar, Jubilee Hills, Hyderabad, Telangana 500033

Apollo Reach Hospital, Karimnagar
Railways Station Road, Karimnagar, Telangana 505001
Apollo Hospitals, Secunderabad
Pollicetty Towers, St. John’s Road, Bhagyanagar Colony, Beside Keyes High School, Secunderabad, Telangana 500003

Uttar Pradesh
Apollo Hospitals, Noida
E 2, Sector 26 (Adjacent to Club 26), Noida, Uttar Pradesh 201 301

West Bengal
Apollo Gleneagles Hospitals, Kolkata
58, Canal Circular Road, Kadapara, Kolkata, West Bengal 700054

Bangladesh
Apollo Hospitals Dhaka
Plot: 81, Block: E, Bashundhara R/A, Dhaka 1229, Bangladesh, Dhaka 1229, Bangladesh

APOLLO SPECTRA HOSPITALS

Delhi
Apollo Spectra Hospitals, Kailash Colony
A-19/A, Kailash Colony, New Delhi 110048

Apollo Spectra Hospitals, Karol Bagh
66A/2, New Rohtak Road, Karol Bagh, New Delhi 110005

Karnataka
Apollo Spectra Hospitals, Koramangala
Opus, 143, 1st cross, 5th Block, Koramangla, Bengaluru, Karnataka 560034

Madhya Pradesh
Apollo Spectra Hospitals, Gwalior
18, Kila Gate Road, Vikas Nagar, Near Sai Baba Mandir, Gwalior, Madhya Pradesh 474002

Maharashtra
Apollo Spectra Hospitals, Chembur
Sunder Baug, Ujagar Compound, opp. Deonar Bus Depot Main Gate, Off Sion Trombay Road, Deonar, Chembur, Mumbai, Maharashtra 400 088

Apollo Spectra Hospitals, Saras Baug
Opp. Sanas Sports Ground, Saras Baug, Sadashiva Peth, Pune, Maharashtra 411030

Apollo Spectra Hospitals, Tardeo
Famous Cine Labs, 156, Pt. M .M. Malviya Road, Tardeo, Mumbai, Maharashtra 400 034

Rajasthan
Apollo Spectra Hospitals, C-Scheme
J-2/37, Mahaveer Marg, Opposite Jai Club, C-Scheme, Jaipur, Rajasthan 302001

Tamil Nadu
Apollo Spectra Hospitals, Alwarpet
#12 CP Ramaswamy Road, Alwarpet Chennai, Tamil Nadu 600018

Apollo Spectra Hospitals, MRC Nagar
Plot No.41/42, 53/54, Sathyadev Avenue, M R C Nagar, R A Puram, Chennai, Tamil Nadu 600 028

Telangana
Apollo Spectra Hospitals, Chunni Ganj
14/138, Chunni Ganji, Mall Road, Kanapur, Telangana 208 001

Apollo Spectra Hospitals, Kondapur
Plot No. 1 and 6, Kothaguda X Roads, Near Harsha Toyota Showroom Kondapur, Hyderabad, Telangana 500032

APOLLO CRADLE

Delhi
Apollo Cradle, Nehru Place
R-2, Nehru Enclave, Near Nehru Place Flyover, New Delhi 110019
Karnataka
Apollo Cradle, Brookefield
101/209 and 210, ITPL Main Road, Kundalahalli, Brookefield, Marathalli, Bangalore, Karnataka 560037

Apollo Cradle, Jayanagar
#25, 46th Cross, 5th Block, Near Raghavendra swamy mutt, Jayanagar, Bangalore, Karnataka 560011

Apollo Cradle, Koramangala
#58, 5th Cross, 18th Main, 6th Block, Near Anand Sweets, Koramangala, Bangalore, Karnataka 560095

Maharashtra
Apollo Cradle, Saras Baug
Opp. Sanas Sports Ground, Saras Baug, Sadashiva Peth, Pune, Maharashtra 411030

Telangana
Apollo Cradle, Jubilee Hills
Dharani Devi building, Plot No. 565, Road No. 92, Jubilee Hills Co-Op building Society Ltd., Hyderabad, Telangana 500034

Apollo Cradle, Kondapur
Plot No. 1 and 6, Kothaguda X Roads, Near Harsha Toyota ShowroomKondapur, Hyderabad, Telangana 500032

Apollo Clinic, Vizag
50–81–1/2, Plot 5, Sheethammapeta, Visakhapatnam, Andhra Pradesh 530016

Haryana
Apollo Clinic, Faridabad
5D/ 8A, NIT-5, Railway station Road, Near Neelam Chowk, Faridabad, Haryana 121001

Karnataka
Apollo Clinic, Basavanagudi
99, Bull Temple Road, Basavanagudi, Bangalore, Karnataka 560019

Apollo Clinic, Bellandur
74/1, Bellandur Ring Road, Varthur, Bangalore East, Karnataka 560037

Apollo Clinic, Electronic City
323-100-123, Neeladri Main road, Neeladri nagar, Electronic city, Phase-1, Bangalore, Karnataka 560100

Apollo Clinic, Fraser Town
65 Madhavaraya Mudliar Road (MM Road), Fraser Town, Bangalore, Karnataka 560005

Apollo Clinic, HSR Layout
54, First Floor, 12th Main Road, HSR Layout, Bangalore, Karnataka 560102

Apollo Clinic, Indiranagar
2012, 1st Floor, 100 Feet Road, HAL 2nd stage, Indira Nagar, Bangalore, Karnataka 560038

Apollo Clinic, JP Nagar
No: 22, BNR Complex, Sri Rama Layout, Opp: RBI Layout, JPNagar 7th phase, Above SBI, Bangalore, Karnataka 560078

Andhra Pradesh
Apollo Clinic, Nizampet
Plot no. 3 and 4, Survey no. 239 Qutbullapur mandal, R R Dist., Nizampet, Hyderabad, Andhra Pradesh 500072

The Apollo Medical Centre, Koramangala
51,Jyoti Nivas College Road, 5th Block, Koramangala, Bangalore, Karnataka 560095
Apollo Clinic, Sarjapur Road  
GYR Chambers, Opp. South Indian Bank, Kaikondanahalli, Sarjapur Road, Bangalore, Karnataka 560034

Apollo Clinic, Sadashiv Nagar  
SJR Maximus, No.35 and 36, 2nd Main Road, Next to DELL, Vyalikaval, Sadashivanagar, Bangalore, Karnataka 560036

Apollo Clinic, Vijaynagar  
23, Kalidasa Road, VV Mohlla, Mysore, Karnataka 570002

Maharashtra  
Apollo Clinic, Aundh  
Centriole, Plot #90, Survey  #129, 130/1+2, ITI Road, Aundh, Maharashtra 411027

Apollo Clinic, Nigdi (Pimpri)  
Shop No.: 14 to 20, City Pride building, Sector - 25, Next to BHEL Chowk, Nigadi Pradhikaran, Pune, Maharashtra 411004

Apollo Clinic, Viman Nagar  
Nyati Millenium Premises, Cooperative Society Limited, Shop No.S1 and Stilt Floor, Building “C”, Viman Nagar, Maharashtra 411004

Apollo Clinic, Wanouri  
“AMBA VATICA”, Plot No. B-1, Survey No. 16A/2, Wanowrie, Khondawa Khurd, Taluka Haveli, Pune, Maharashtra 411018

Tamil Nadu  
Apollo Medical Centre, Anna Nagar  
No-30, F- Block, 2nd Avenue, Annanagar East, Chennai, Tamil Nadu 600102

Apollo Clinic, Ambattur  
Ambattur No.5, Kambar salai Mogappair, Ambattur village, Chennai, Tamil Nadu 600037

The Apollo Medical Centre, Kotturpuram  
15/42, Gandhi Mandapam Road, Kotturpuram, Chennai, Tamil Nadu 600085

The Apollo Medical Centre, T’Nagar  
No 175, GN Chetty Road, T Nagar, Chennai, Tamil Nadu 600017

Apollo Clinic, Valasaravakkam  
No: 1and2, Prakasham Salai, Valasaravakkam, Near McDonalds, Chennai, Tamil Nadu 600087

Apollo Clinic, Velachery  
Velachery, Plot No 46, 7th Street, Tansi Nagar, Velachery, Tamil Nadu 600042

Telangana  
Apollo Clinic, Chanda Nagar  
9, #1-58/91/SS, Suresh Square, Madeenaguda, Seri Lingampally Mandal, Ranga Reddy District, Telangana 500050

Apollo Clinic, A.S. Rao Nagar  
A-12, #1-9-71/A/12/b, Rishab Heights, Rukminipuri Housing Colony, A.S.Rao Nagar, Telangana

Apollo Clinic, Jubilee Hills  
Plot No – 703-A, Road No – 36, Opp: Centro Showroom, Metro Pillar No – 26, Jubilee Hills, Hyderabad, Telangana 500 033

The Apollo Medical Centre, Kondapur  
2-20/6/A, Kothaguda X Roads, Kondapur, Hi-tech City, Telangana 500032

Apollo Clinic, Nallakunta  
2-1-520 to 526/2, First Floor, Vijaya Sri Sai Celestia, Nallakunta, Telangana

Uttar Pradesh  
Apollo Clinic, Indirapuram  
11, First Floor, Gaur Gravity, Plot No.8, Vaibhav Khand, Indirapuram, Uttar Pradesh 201014
APOLLO WHITE DENTAL

Andhra Pradesh
Apollo White Dental Clinic
Apollo Speciality Hospital, Door No.16/111/1133, Muttukur Road, Pinakini Nagar, Nellore

Apollo White dental
16/2/124, Kasthuri devi nagar, pogathota, Nellore – 524001

Apollo White dental
Plot No: 10, 1st floor, Sandeep Towers, New Balaji Colony, Air Bypass Road, Tirupathi - 517 501

Delhi
Apollo White Dental Clinic
Ground Floor, 15-17, Tolstoy House, Tolstoy Marg, Near Janpath Metro Station, Connaught Place, New Delhi – 110001

Apollo White Dental Spa
R - 45, Greater Kailash - 1, Next to HSBC Bank, New Delhi – 110048

Indraprastha Apollo Hospitals
Sarita Vihar, Delhi Mathura Road, New Delhi – 110076

Gujarat
Apollo Family Clinic
Ground Floor, No 2, Baleshwar, Opp to Iskon Temple, Sarkhej - Gandhinagar road (S. G. Road), Ahmedabad – 380015

Haryana
Apollo Family Clinic
5D/8A, Malhotra & Son Building, Railway road, (Near Neelam Chowk), Faridabad

Karnataka
Apollo White Dental Clinic
#154/11, Apollo Hospitals, Opp IIM, Bannerghatta Road, Bangalore – 560076

Apollo White Dental Clinic
2nd Floor, Above Apollo Family Clinic, No: 99, Bull Temple Road, Ramakrishna Ashram Circle, Basavangudi, Bangalore – 560019

The Apollo Clinic
No. 74/1, Bellandur Ring Road, Varthur, Near Central Mall, Bangalore – 560037

Apollo White Dental Clinic
Apollo Health and Lifestyle Ltd, #323,/100/123, Doddathogur, Neeladri Main Road, Neeladri Nagar, Electronic City, First Phase, Bangalore – 560100

Apollo White Dental
Apollo Family Clinic, Plot No: 65, Madhavaraya Mudliar Road (MM Road), Frazer Town – 560005

Apollo White Dental Clinic
#51, VI Sector HSR Layout, Behind BDA Complex, Near Apollo Family Clinic, Hosur-Sarjapur Road, Bangalore – 560102

Apollo White Dental Clinic
No.2012, 1ST Floor, Apollo Family Clinic, 100 Feet Road, HAL 2ND Stage, Next to Starbucks Coffee, Indira Nagar, Bangalore – 560038

Apollo White Dental
House list No: 22, BNR Complex, Sree rama layout, RBI East Layout, JP Nagar 7th Phase, J P Nagar, Bangalore – 560078

Apollo White Dental
The Apollo Clinic, 51, Jyoti Nivas College Road, 5th Block, Koramangala, Bangalore, Karnataka 560034

Apollo White Dental Clinic
668/A, 17th C main, 6th Block, Near Koramangala club, Koramangala, Bangalore – 560034

Apollo White Dental
Apollo Hospitals, New No: 1, Old No: 28, Platform Road, Near mantri mall, Seshadripuram, Bangalore – 20
Apollo White Dental
No 4, 80FT Road HMT Layout, RT Nagar, Bangalore – 560032

Apollo White Dental
No: 857, Sahakar Nagar 1st Main, D Block, (Above State Bank of Mysore) Sahakarnagar, Bangalore – 560092

The Apollo Clinic
#769, Survey No.71/1A, GYR Chambers, Kaikondanahalli, Sarjapur Road, Bangalore – 560034

Apollo White Dental Clinic
No 75/2, Survey No 14, 1st Floor, Whitefield Main Road, Near Forum Value Mall, Next to Food World, Bangalore – 560066

Apollo White Dental Clinic
Apollo BGS Hospitals Adichunchanagiri Road, Kuvempunagar, Mysore

The Apollo Clinic
#23, Kalidasa Road, Above Aircel, V V Mohalla, Kalidasa Road, Mysore – 570002

Apollo White Dental
No.830, 830/1, 830/2, Newkantharaja Urs Road, Kuvempunagar, Near Akshaya Bhandar, Mysore – 570023

Maharashtra
Apollo Spectra Hospitals
Chembur Ujagar Compound, Opp. Deonar Bus Depot Main Gate, Deonar, Chembur, Mumbai – 400088, Mumbai Maharashtra

Apollo White Dental Spa
Premises No: Basement 3A, Tirupati Shopping Arcade, Bhulabhai Desai Road, Opp to Mahalaxmi Temple, Mumbai – 400026

Apollo White Dental Clinic
Apollo Hospitals Enterprise Ltd., Survey no-287/A/1A/1, Plot No-1, Shree Swami Narayan Nagar, New Adgaon Naka, Panchvati

Apollo White Dental
Apollo Hospitals, Sector: 23, Plot No:13, Parsik Hills Road, Off Uran road, CBD Belapur, Navi Mumbai – 400616

Apollo White Dental Clinic
The Apollo Clinic, Centriole Building, Plot No. 90, Survey No. 129, at ITI Road, Near Ozone Mall, Aundh – 411007

Apollo White Dental
No: 872, Shivaji Nagar Bhandarkar Institute Road Opp: Sane Dairy,Bhandarkar Road, Pune – 411004

Apollo White Dental Clinic
Row House No A-3, First Floor, Ashiyana Park, Cooperative, Housing Society, North Main Road, Koregaon Park, Pune – 411001

Apollo White Dental Clinic
The Apollo Clinic, City Pride Building, Shop No.-14 to 20, Pradhikaran Road, Near Bhel Chowk, Old Spencers Mall, Nigdi Pradhikaran, Pune – 411044

Apollo White Dental Clinic
The Apollo Clinic, Nyati Millenium Premises Cooperative Society Limited, Shop No.51 & Stilt Floor, Building C, Near Datta Mandir and Sky Max Mall, Viman Nagar, Pune – 411048

Apollo White Dental Clinic
The Apollo Clinic, Amba Vatika Co-op. Housing Society Ltd., Plot No. B-1, Survey No. 16A/2, NIBM Road, Kondhwa Khurd, Wanorie – 411048

Puducherry
Apollo White Dental Clinic
Door No: 268 & 270, Kamaraj Salai, (Opp. To Hot Breads), Near Old Collector Office, Puducherry - 605013

Tamil Nadu
Apollo White Dental Clinic
No. 36, 1st Main Road, Gandhi Nagar (Above Spencers Daily), Adyar, Chennai - 600020
<table>
<thead>
<tr>
<th><strong>Apollo White Dental Clinic</strong></th>
<th><strong>Apollo First Med Hospitals</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>No: 12, CP Ramaswamy Iyer Rd, Sriram Colony, Abiramapuram, Chennai 600018</td>
<td>No.154, Poonamalle High Road, Chennai – 600010</td>
</tr>
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<thead>
<tr>
<th><strong>The Apollo Clinic</strong></th>
<th><strong>Apollo White Dental Clinic</strong></th>
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</thead>
<tbody>
<tr>
<td>Illrd Avenue, Anna Nagar Roundtana, Chennai – 600102</td>
<td>Old No.31, New No: 61, Apollo Clinic, 5th Floor, G. N. Chetty Road, T Nagar, Chennai – 600017</td>
</tr>
</tbody>
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<tr>
<th><strong>Apollo White Dental Clinic</strong></th>
<th><strong>Apollo White Dental Clinic</strong></th>
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<tbody>
<tr>
<td>C-40, IInd Avenue, Opp to KFC Restaurant, Anna Nagar, Chennai – 600040</td>
<td>No. 277/86, TJP Complex, 1st Floor, G.S.T. Road, Kadaperi, Next to Nathella Jewellers, Tamaram, Chennai – 600045</td>
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<tr>
<th><strong>Apollo Specialty Hospital</strong></th>
<th><strong>Apollo White Dental Clinic</strong></th>
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</thead>
<tbody>
<tr>
<td>5/639, Old Mahabalipuram Road, Opp Histyle Showroom, Perungudi, Chennai, Tamil Nadu 600096</td>
<td>B-Block, 1st Floor, No.320, Anna Salai, Teynampet, Chennai 600018</td>
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<tr>
<th><strong>Apollo White Dental</strong></th>
<th><strong>Apollo White Dental</strong></th>
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<tr>
<td>Apollo specialty hospitals, No.64, Vanagaram Main Road, Ayanambakkam, Chennai</td>
<td>Apollo Heart Centre, No. 152, Greams Road, Thousand Lights, Chennai</td>
</tr>
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<tr>
<th><strong>Apollo Hospitals</strong></th>
<th><strong>Apollo White Dental</strong></th>
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<tbody>
<tr>
<td>Greams Lane, Greams Road, Chennai – 600006</td>
<td>Apollo White Dental Clinic</td>
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<tr>
<th><strong>Apollo WHITE Dental</strong></th>
<th><strong>Apollo White Dental</strong></th>
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<tbody>
<tr>
<td>Apollo Cradle, 2nd Floor, 2/319, OMR, Karapakkam, Chennai – 600097</td>
<td>Apollo White Dental Clinic</td>
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<tr>
<th><strong>Apollo White Dental Clinic</strong></th>
<th><strong>Apollo White Dental Clinic</strong></th>
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<tbody>
<tr>
<td>767, Poonamallee High road, Next to Aarthi scans, Diagonally opposite to Pachiyapps College, Kilpauk, Chennai – 600030</td>
<td>2nd Floor, Door No 25, Plot No. 49, Survey No. 233/3, Tansi Nagar, 15th street, (Above Oriental Bank of Commerce) Velachery, Chennai – 600042</td>
</tr>
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<tr>
<th><strong>The Apollo Clinic</strong></th>
<th><strong>Apollo White Dental</strong></th>
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</thead>
<tbody>
<tr>
<td>Opp to AMM School, 15/42, Gandhi Mandapam Road, Chitra Nagar, Kotturpuram, Chennai</td>
<td>Apollo White Dental Clinic</td>
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<tr>
<th><strong>Apollo White Dental</strong></th>
<th><strong>Apollo White Dental</strong></th>
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<tbody>
<tr>
<td>Plot No. B-27, Mogappair West, 1st Avenue, Above Apollo Family Clinic, Nolambur Road, Near Wavin Signal, Mogappair, Chennai – 600037</td>
<td>Apollo White Dental Clinic</td>
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<tr>
<th><strong>Apollo White Dental Spa</strong></th>
<th><strong>Apollo White Dental Clinic</strong></th>
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<tbody>
<tr>
<td>No.10/29, Khader Nawaz Khan Road, Nungambakkam, Chennai – 600034</td>
<td>Apollo White Dental Clinic</td>
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<tr>
<th><strong>Apollo White Dental Clinic</strong></th>
<th><strong>Apollo White Dental Clinic</strong></th>
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<tbody>
<tr>
<td>C/o Apollo Specialty Hospital, Lake View Road, KK Nagar, Near Big Cinemas Theater, Madurai – 20</td>
<td>Apollo White Dental Clinic</td>
</tr>
</tbody>
</table>
Apollo White Dental
C/o Apollo Speciality Hospital, Dental Department, Room No: 19, Trichy - Tanjore Highway, Near Old Milk Depot, Trichy – 620019

Apollo White Dental Clinic
C/o Apollo Reach Clinic C-150, Thillai Nagar, 6th Cross Street, Thillai Nagar, Trichy – 620018

Telangana
Apollo Clinic
Rishab Heights, Rukminipuri Housing Colony, Above Vodafone store, beside KFC, Dr. AS Rao Nagar main road, As Rao Nagar, Hyderabad – 500062

Maxivision Eye Hospital
1-11-252/1A -1D, Alladdin Mansion, Lane beside Shoppers stop, Begumpet, Hyderabad – 500016

Apollo WHITE Dental
The Apollo Clinic, D.No.1-58/91/SS, Madeenaguda, Chanda Nagar, Hyderabad – 500050

Apollo White Dental Clinic
Apollo Hospitals, Beside Report Collection Counter, Jubilee Hills, Film Nagar, Hyderabad – 500096

Apollo White Dental Spa
3rd Floor, The Wellness Building, Apollo Health City, Film Nagar, Jubilee Hills, Hyderabad – 500096

Apollo White Dental
D. No 2-34/2, G.V Classic, Kothaguda X Road, Kondapur, Serilingampally, Hyderabad 84

Apollo White Dental Clinic
3rd Floor, Door. No - 1-118/24, Survey No: 24, Above Maxivision Building. Opp to Cyber Towers, Madhapur – 500081

Apollo Clinic
Plot No. 2-1-520 to 526/2, First Floor, Vijaya Sri Sai Celestia, Near Nallakunta Vegetable Market, Nallakunta, Hyderabad – 500044

Maxivision Eye Hospital
6-3-903/A/1/1, Behind Yashoda Hospital, Somajiguda, Hyderabad – 500082

West Bengal
Apollo White Dental Clinic
Apollo Gleneagles Hospitals, 3rd floor, Day Care centre, 58, Canal Circular Road, Kolkata – 700054
CONSULTANTS’ ACHIEVEMENTS
CONSULTANTS’ ACHIEVEMENTS

ACH, CHENNAI

Dr Indira Jayakumar
Paediatrics, Apollo Children’s Hospital, Chennai

Publications
Dr Indira Jayakumar, Traumatic spinal cord injury in children, Indian Journal of Paediatric Critical Care, 2016

Awards
The adjunct title of Associate Professor, AHERF

Dr Viswanathan V
Paediatric Neurology, Apollo Children’s Hospital, Chennai

Chapters contributed to text books
Acute Flaccid Paralysis, Algorhythms in Pediatrics by Dr AS Vasudev and Dr Nitin Shah, Jaypee Publications, New Delhi, 2016


Publications


Acquired Toxoplasmosis Presenting with a Brain stem granuloma in an immuno-competent adolescent, Indian Paediatrics, 53: 1 – 3, February 2016

Dr V Sripathi
Paediatric Urology and Robotic Surgery, Apollo Children’s Hospital, Chennai

Lectures
Operative demonstration (live), Botulinum toxin injection, Sri Ramachandra Medical College - National Paediatric Urology Meet, 2nd January 2016

Masterclass in Robotic Paediatric Urology, First National Paediatric Robotic Urological workshop - Six Surgeries done at Apollo Hospital Chennai and transmitted live to Hotel Accord Metropolitan, 23rd – 24th January 2016

Robotic Mitrofannof, Sri Ramachandra Medical College - National Paediatric Urology Meet, 2nd January 2016

Vesico-Ureteric Reflux - Past, Present and Future, KIDCON2016 - Paediatric Nephrology Summit – Trivandrum, 21st February 2016

Is Surgery an option for the treatment of VUR? Moderator - ASU-NU Hospitals Bengaluru Medal
Our Footprints

Our Footprints for Paediatric Urology Debate 2016, South Zone Urological Society of India - Annual Conference, Pondicherry, 10th July 2016

Robotic Surgery in Paediatric Practise - Scope and Indian Scenario, Mamalla Pedicon 2016 (State Level Pediatricians Conference) 12th August 2016

Robotic Surgery in Children - Indian Scenario, Recent Advances in Surgical Procedures - Meet in Dubai, 30th September 2016


Neuroblastoma in infant with dancing eyes - Is robotics useful? Robotic Surgeons Council of India, Mumbai, 12th November 2016

Examinership
Paediatric Urology Fellowship Exam - Appointed by the Tamil Nadu Dr MGR Medical University, Kanchi Kamakoti Childs Trust Hospital, 13th July 2016

AHMEDABAD

Dr Chirag J Desai
GI, Hepatobiliary and Liver Transplant Surgery, Apollo Hospitals, Ahmedabad

Lectures
Management of Hepatocellular carcinoma – IHPBAINdia 2016, Ahmedabad

Video presentation on Unusual shunt surgery – IHPBAINdia 2016, Ahmedabad

Role of RFA in locally advanced Ca Pancreas – IASGCON 2016, Coimbatore

Management of obstructed colorectal carcinoma - GUJSURGCON 2016, Ahmedabad

AFMH, CHENNAI

Dr Upasana Ranga S
Radiology, Apollo First Med Hospital, Chennai

Publications
Manoj Kumar Palaniappan, Senthil Kumar Aiyappan, Upasana Ranga, Role of Gray Scale, Color Doppler and Spectral Doppler in Differentiation between Malignant and Benign Thyroid Nodules, Journal of Clinical and Diagnostic Research, Volume: 10, Issue: 8, TC01 - TC06, August 2016

Dr Manoj Kumar P
Radiology, Apollo First Med Hospital, Chennai

Publications
Manoj Kumar Palaniappan, Senthil Kumar Aiyappan, Upasana Ranga, Role of Gray Scale, Color Doppler and Spectral Doppler in Differentiation between Malignant and Benign Thyroid Nodules, Journal of Clinical and Diagnostic Research, Volume: 10, Issue: 8, TC01 - TC06, August 2016
Professional Societies’ Positions
Honorary Gastroenterologist, Hepatobiliary and Liver Transplant Surgeon to HE the Governor of Gujarat, since 2009

President, Society of Hepatobiliary Surgeons, Ahmedabad, since May 2015

Examinership
On panel of examiners for MRCS exam by The Royal College of Physicians and Surgeons of Glasgow and the intercollegiate board, UK, since September 2015

Dr Puja Pushkarna
Psychology, Apollo Hospitals, Ahmedabad

Lectures
Attention Deficit Disorder Association (ADHD), an account of a Successful play therapy (Psychoanalytical Psychotherapy), 7th Annual World Congress of Neuro talk 2016, Beijing, China, 20th – 21st May 2016

Session Speaker, 312 Paediatric Neurology and Developmental Disorders, 7th Annual World Congress of Neuro talk 2016, Beijing, China, 20th – 21st May 2016

312 Paediatric Neurology and Developmental Disorders, Pain Medicine, 2nd International Pain Medicine Conference, New Orlean, USA, 4th – 5th August 2016

ASH, OMR, CHENNAI

Dr Balameena Selvakumar
Rheumatology, ASH, OMR, Chennai

Orations
Year in review in rheumatology, National conference IRACON, Chairperson, November 2016

 Lectures
Primary Sjogrens syndrome – What is new, ART MEET- Tamil Nadu, August 2016

Editorial Boards Membership
Reviewer, IJPP Chennai

Examinership
Examiner for DM Rheumatology

Dr Devachandran J
Critical Care, ASH, OMR, Chennai

Lectures
Prevalence of ESBL and carbapenemase producing uropathogens in a newly opened hospital in South India, ISICEM, Brussels, Belgium, March 2016

Outcomes of octogenarians in an Indian ICU, ISICEM, Brussels, Belgium, March 2016

A protocol for the management of extravasation injuries from non-cytotoxic medications, NPSC, Chennai, October 2016

Preventing pressure ulcers from NG tubes, NPSC, Chennai, October 2016

Dr Joy Varghese
Neurosurgery, ASH, OMR, Chennai

Lectures
Selecting stroke patients for Thrombectomy, CME - Nellore Apollo, 2nd October 2016

Recanalisation of Tandem occlusions in stroke, NEUROVASION 2016, 17th September 2016

Localisation of stroke, Neurology Pearls - Apollo Nellore, 12th March 2016

Aneurysm colini, SIMS Neuro Surgery - Annual Meet, 18th November 2016
Dr Neha Shah
GI and Bariatric Surgery, ASH, OMR, Chennai and Apollo Spectra Hospital, MRC Nagar

Books Published

Orations

Lectures
Safety in Bariatric Surgery, ASACON – Bongaigaon, 6th November 2016

Dr Shanthi Vijayaraghavan
Gastroenterology, ASH, OMR, Chennai

Publications
Shanthi Vijayaraghavan, Clinical spectrum of splenic infarction - a South Indian perspective, International Archives of Medicine, vol 9, 2016

Examinership
External Examiner, DM (gastroenterology), Trivandrum Medical College, Kerala, 27th – 28th July 2016

External Examiner, DM (gastroenterology), Kottayam Medical College, Kerala, 3rd August 2016

External Examiner, DM (gastroenterology), Amrita Institute of Medical Sciences, Cochin, 29th July 2016

External Examiner, DM (gastroenterology), Calicut Medical College, Kerala, 18th February 2016

Dr Sreevidhya Subramanian
Microbiology, ASH, OMR, Chennai

Publications
Dr Sreevidhya, Dr Venkatesh, Dr Thirunarayanan, Ms Debashree, Ralstonia mannitoly litica bacteraemia in a maintenance haemodialysis patient in a newly opened hospital of South India, Easten Journal of Medical Sciences, EJMS-2016, Vol – 1, 31st October 2016

Presentations
Poster, Prevalence of ESBL and Carbapenamase producing uro pallitogens in newly opened hospital of South India, Microcon, 40th Annual Conference of Indian Association of Medical Microbiologist PGIMER, Chandigarh, 23rd - 26th November 2016

Dr Venkatesh Rajkumar S
Nephrology, ASH, OMR, Chennai

Publications
Dr Sreevidhya, Dr Venkatesh, Dr Thirunarayanan, Ms Debashree, Ralstonia mannitoly litica bacteraemia in a maintenance haemodialysis patient in a newly opened hospital of South India, Easten Journal of Medical Sciences, EJMS-2016, Vol – 1, 31st October 2016

Dr M A Thirunarayan
Microbiology, ASH, OMR, Chennai

Publications
Dr Sreevidhya, Dr Venkatesh, Dr Thirunarayanan, Ms Debashree, Ralstonia mannitoly litica bacteraemia in a maintenance haemodialysis patient in a newly opened hospital of South India, Easten Journal of Medical Sciences, EJMS-2016, Vol – 1, 31st October 2016

Dr Suresh Mangaiah
Clinical Biochemistry, ASH, OMR, Chennai

Lectures
Panelist, Indian Online Science Symposium – 2016, BioLim varsity, 29th April – 1st May 2016
Presentations
Poster, Troponin-I: Qualitative Vs Quantitative study, 43rd National Conference of Association of Clinical Biochemists of India – ACBI: ACBICON-2016, organized by Manipal University, Mangalore, 12th – 15th December 2016

Professional Societies’ Positions
Treasurer, IABPMS – Indian Association of Basic and Paramedical Sciences, 2016

Lifetime Member, ACBI – Association of Clinical Biochemists of India

APOLLO SPECIALITY CANCER HOSPITAL, TEYNAMPET

Dr Abdul Ghafur
Infectious Diseases, Apollo Speciality Cancer Hospital, Teynampet

Publications


Abdul Ghafur, Swati Gohel, Vidyalakshmi PR, Revathy Raj, A retrospective study on colistin nephrotoxicity in Paediatric onco-Haematology patients, Journal of Paediatric Infectious Diseases, DOI http://dx.doi.org/ 10.1055/s-0036-1584524. ISSN 1305-7707

Laxman G. Jessani, Vidyalakshmi Devarajan and Abdul Ghafur, A study on comparative in vitro activity of carbapenem spacers against extended-spectrum beta lactamase–producing enterobacteriaceae, Infectious Diseases in Clinical Practice, Volume 00, Number 00, 2016


Abdul Ghafur, Vidyalakshmi P R, Colistin nephrotoxicity: not as high as we fear! ASM Microbe(ICAAC) Boston 2016, Poster Number-429

Abdul Ghafur, Vidyalakshmi P R, Rajalakshmi A, Revathy Raj, Chandra R, Anil Tarigopula, Role of Detection of Stool CRE colonization in Indian Scenario-Search and Thou shall find, ASM Microbe(ICAAC) Boston, 2016 Control#4110

Abdul Ghafur, Vidyalakshmi P R, Srividya, Kokila, Chandra, Monotherapy vs Combination therapy for carbapenem resistant nonfermentor bacteremias - a puzzle to solve, CIDSCON 2016, Poster no 30
Abdul Ghafur, Vidyalakshmi Devarajan, Srividya, Kokila, Chandra, Freedom or rationality – the antibiotic stewardship paradox, CIDSCON 2016, Poster 30

Abdul Ghafur, Vidyalakshmi Devarajan, Chandra, Kokila, Jothysara, Lead by example and learn from our nurses - CIDSCON 2016, Poster 129

**Lectures**
Role of rapid diagnostics in tackling AMR in developing world - Grand Challenges meeting, October 2016, London

AMR and India, Wilton Park meeting June 2016, London

Tackling AMR in India, Meeting organized by Dutch Ministry of health and Dutch Microbiology and Infectious Diseases Society, Amsterdam, April 2016

Chennai declaration and tackling AMR in India, Combating AMR, International Conference organised by Ministry of Health and WHO, New Delhi, February 2016

Management of XDR Gram negatives: CIDSCON 2016, Varanasi

Tackling AMR, Conference organised by Wellcome trust, UK at New Delhi, January 2016

National conference on medication management and use, SRMC, Chennai, October 2016

Rational antibiotic use, Medicine CME, Calicut Medical College, 2016

Pyrexia of unknown origin, Hinduja ID update, 2016

Management of candidaemia: ID update, Nagpur, January 2016

Infection control: the ultimate safety measure for the patient and the hospital!! Max Hospital Patient Safety Conference, New Delhi, April 2016

**Editorial Boards Membership**
Journal of Antimicrobial Resistance and Infection Control (ARIC)

Journal of Microbiology and Infectious Disease (JMID)

Indian Journal of Critical care Medicine (IJCCM)

**Professional Societies’ Positions**
Advisory and Jury member, Longitude prize announced by British Prime Minister

Steering committee member for the National antibiotic policy and antibiotic guidelines by Indian Ministry of Health

Country Advisor for Royal College of Pathologists (UK)

Antimicrobial stewardship work group member of International Society of Chemotherapy

Antimicrobial Stewardship Committee Chairperson – Clinical Infectious Disease Society (INDIA)

Coordinator - “Chennai declaration” of medical societies in India to tackle the challenge of Antimicrobial resistance

**Dr Annapurneswari S**
Surgical Pathology, Apollo Speciality Cancer Hospital, Teynampet

**Publications**

Dr Swetha Lakshmi Narla, Dr Sheba Jacob, Dr Ann Kurian, Dr Ashok Parameswaran, Primary mature cystic teratoma with carcinoid mimicking an adrenal tumour: Report of a rare association and

Dr CS Mani, Dr Ann Kurian, Predictors of recurrence in early stage oral tongue Squamous cell carcinoma, 2016

**Dr Sushama V Patil**
Neuropathology, Apollo Speciality Cancer Hospital, Teynampet

**Lectures**
Molecular profiling of breast carcinomas, Indian Society of Radiation Oncology and Kerala Society of Radiation Oncology, Trissur, February 2016

WHO 2016 Updates – Meningiomas, Indian Society of Neuro Oncology, Hyderabad, April 2016

Pre Conference APCON CME in Neuropathology – Epithelioid Glioblastoma, APCON, Jaipur, November 2016

**Dr Vidyalakshmi Devarajan**
Infectious Diseases, Apollo Speciality Cancer Hospital, Teynampet

**Publications**
Abdul Ghafur, Swati Gohel, Vidyalakshmi PR, Revathy Raj, A retrospective study on colistin nephrotoxicity in Paediatric onco-Haematology patients, Journal of Paediatric Infectious Diseases, DOI http://dx.doi.org/ 10.1055/s-0036-1584524. ISSN 1305-7707

Laxman G Jessani, Vidyalakshmi Devarajan and Abdul Ghafur, A study on comparative in vitro activity of carbapenem sparer against extended-spectrum beta lactamase-producing enterobacteriaceae, Infectious Diseases in Clinical Practice, Volume 00, Number 00, 2016


Abdul Ghafur, Vidyalakshmi Devarajan, Evita Jose, Economic cost of combination therapy to treat XDR Gram-negatives: a knockout blow to the developing world! P0591, ECCMID, Amsterdam, April 2016

Abdul Ghafur, Vidyalakshmi P R, Colistin nephrotoxicity: not as high as we fear! ASM Microbe (ICAAC) Boston 2016, Poster Number-429

Abdul Ghafur, Vidyalakshmi P R, Rajalakshmi A, Revathy Raj, Chandra R, Anil Tarigopula, Role of Detection of Stool CRE colonization in Indian Scenario-Search and Thou shall find, ASM Microbe(ICAAC) Boston, 2016 Control#4110

Abdul Ghafur, Vidyalakshmi P R, Srividya, Kokila, Chandra, Monotherapy vs Combination therapy for carbapenem resistant nonfermentor bacteremias - a puzzle to solve, CIDSCON 2016, Poster no 30

Abdul Ghafur, Vidyalakshmi Devarajan, Srividya, Kokila, Chandra, Freedom or rationality – the antibiotic stewardship paradox, CIDSCON 2016, Poster 30

Abdul Ghafur, Vidyalakshmi Devarajan, Chandra, Kokila, Jothysara, Lead by example and learn from our nurses - CIDSCON 2016, Poster 129

**Lectures**
Management of prosthetic joint infection, symposium on prosthetic infection, Apollo Hospitals, November 2016

Acute febrile illness, IMA Kancheepuram, November 2016
Challenging cases in ID panellist, CIDSCON, 2016

Management of nosocomial infection, ID update, CMV Vellore

**Dr A N Vaidhyswaran**
Radiation Oncology, Apollo Speciality Cancer Hospital, Teynampet

**Professional Societies’ Positions**
President - Association of Radiation Oncologist, Tamil Nadu and Pondicherry Chapter 2016 -18

**Orations**
IMRT Head and Neck – past – present – future, Dr Rai Memorial Oration held on November 2016, AROI Tamilnadu and Pondicherry, State Annual Conference

**BANGALORE**

**Dr Anoop P**
Haematology, Paediatric Haematology-Oncology, Apollo Hospitals, Bangalore

**Publications**


**Lectures**
Optimal duration of treatment for follicular lymphoma, Karnataka Chapter of Indian Society of Haematology and Blood Transfusion (KC-ISHBT) scientific meeting, Bangalore, 26th August 2016


**Editorial Boards Membership**
Reviewer, Paediatric Haematology and Oncology, since January 2010

Reviewer, Haematology, since March 2011

Reviewer, American Journal of Haematology, since October 2011

Reviewer, International Journal of Haematology, since January 2012

Reviewer, Indian Pediatrics, since August 2012

Reviewer, Journal of Paediatric Haematology and Oncology, since December 2012

**Dr Anjana Hulse**
Paediatric Endocrinology, Apollo Hospitals, Bangalore

**Publications**

Lectures
Year in Diabetes, India International Knowledge Forum (IIKF), July 2016

Growth hormone treatment in children, IAP, Mysore, October 2016

Dr Anupama Gangavati
Geriatric Medicine, Apollo Hospitals, Bangalore

Orations
Career counselling for medical students- Journey from MBBS to Consultant, Kempe Gowda Institute of Medical Sciences, March 2016

What is dementia and how to boost your memory? World Alzheimer’s Day, 21st September 2016

Lectures
Pre-operative issues in geriatric patients – A Geriatrician’s perspective, Geriatric Anaesthesia Conference, August 2016

Pre-operative issues in geriatric patients – A Geriatrician’s perspective, Healthy Ageing in changing world 2016 Geriatric Conference, November 2016

Dementia in Elderly, Apollo Neurology Update 2016, December 2016

Editorial Boards Membership
Reviewer, Clinical Medicine Journal, Royal College of Physicians, reviewed October 2016

Reviewer, IIM B Management review journal, reviewed December 2016

Dr Aruna R Patil
Radiology, Apollo Hospitals, Bangalore

Publications

Aruna R Patil, Shrivalli N, Joseph De Marco, Ravishanker Bhat, Swarna Shivakumar, Govindarajan MJ, Disorders of the lymphatic system of the abdomen, Clinical Radiology, October 2016, 71 (10), 941-952


Himanshu Mohanty, Kapil Shirodkar, Aruna R Patil, Govindarajan MJ, Sharath Kumar , Deepak KC, Oesophageal perforation as a complication of ingested partial denture, British Journal of Radiology, June 2016, 2:20150348, 4


Orations
Imaging in pancreatitis, KIEF (Karnataka Imaging Education Foundation), 16th October 2016, Bhagwan Mahaveer Jain Hospital

Gastrointestinal and Genitourinary Imaging basics, GRASP (PG refresher course), 18th and 19th March 2016, Dr Ambedkar College Hospital

Adnexal torsion – untwisted, Korean Congress of Radiology, 21st September 2016, Seoul, Korea

Member of task forces of Government of India or State Governments

Examinership
NBE – FAT examiner at Sagar Hospital, 24th May 2016

Awards
Silver Award, Best Educational Exhibit, Korean Congress of Radiology, KCR, Seoul, 21st – 24th September 2016

Certificate of Merit Award – best educational exhibits (for two exhibits), Radiological Society of North America (RSNA), RSNA, Chicago, 26th November – 2nd December 2016

Dr B Ramesh
Cardiology, Apollo Hospitals, Bangalore

Publications
Dr B Ramesh, Dr Abdul Rehman, Lead displacement due to tension pneumothorax following permanent pacemaker implantation, Japanese Journal of Cardiology, JCCASE-D-16-00189R1, 2016

Dr Gokulnath
Nephrology, Apollo Hospitals, Bangalore

Chapters contributed to text books


Editorial Boards Membership
Editor, Indian Journal of Nephrology, since 2016
Editor, Indian Journal of Peritoneal Dialysis, since 2014

Editor, SAARC Journal of Nephrology, Urology and Transplantation, since 2014

Editor, Indian Clinical Updates by Wiley-Blackwell publications, since 2012

Member of task forces of Government of India or State Governments
Executive Committee Member, Zonal Coordination Committee Karnataka

Member of governing board of MCI / State / Medical Council / autonomous under Government of India
Expert committee member for the national study on Prevalence of CKD in India, ICMR (Indian Council of Medical Research)

Examinership
DNB Nephrology, Hyderabad, July 2016

DNB Nephrology, New Delhi, December 2016

PhD (Viva Voice), NIMHANS, December 2016

Dr Jayasree Shivadasan
Microbiology, Apollo Hospitals, Bangalore

Publications
Dr Jayasree Shivadasan, Dr Raksha K, Dr Prashanth S Urs, Candida utilis causing neonatal Candidemia - A case report and literature review, Apollo Medicine, March 2016

Dr K Kartik Revanappa
Neurosurgery, Apollo Hospitals, Bangalore

Publications

Dr P P Bapsy
Medical Oncology, Apollo Hospitals, Bangalore

Chapters contributed to text books
Publications
Survival in Head and Neck Cancers – Results of multi institutions study, APJCP, vol17, 2016
A Nandakumar, Goura Kishor Rath, Amal Chandra Katak, P Poonamalle Bapsy, Prakash C Gupta, Paleth Gangadharan, Ramesh Ca Mahajan, Manas Nath, Bandopadhyay, Kumaraswamy, Decreased Survival With Mastectomy Vis-à-vis- Breast Conserving Surgery In Stage Ii And Iii Breast Cancers – A Comparative Treatment Effectiveness, JGO, 2016


Lectures
Panellist, 15th National Surgical Gastroenterology Update, Bangalore, 10th - 11th June 2016


Presentations
Poster, What decides breast conservation versus mastectomy in the background of diverse socio-cultural environment? An Indian study, ESMO Copenhagen, Denmark, 7th – 11th October 2016

Professional Societies’ Positions
Chairman, Bangalore Oncology Group (BOG), since 2015

Examinership
Accreditation Inspector, PhD Committee Member, Rajiv Gandhi University of Health Sciences (RGUHS), since 2007

DNB and DM Examiner, Medical Oncology, since 2007

Dr Prashanth Urs
Neonatology, Apollo Hospitals, Bangalore

Publications
Dr Jayashree, Dr Prashanth Urs, Candida utilis causing Neonatal Candidemia – a case report, Apollo Medicine, APME342, March 2016

Lectures
Neonatal Seizures, National Conference NNF, Indore, December 2016

Editorial Boards Membership
Reviewer, Apollo Medicine, since 2014

Professional Societies’ Positions
Chairman, Bangalore Neonatal Research Foundation, since 2014

Dr Saurabh Misra
Bariatric and Minimal Access Surgery, Apollo Hospitals, Bangalore

Lectures

Self-fixating meshes – a single units experience over 2 years, 10th National Congress of Hernia Society of India, Aurangabad, 2nd – 3rd September 2016

E-Tep Rives Stoppa technique – a single unit experience over 2 years, 7th International congress of Asia - Pacific Hernia society, Tokyo, Japan, 27th – 28th October 2016
Laparoscopic surgery – its complications and how to avoid them! KIMS, (AMASI Skill course) Bangalore, 25th August 2016

Endoscopic TEP Rives Stoppa technique for Ventral Hernia, KIMS, Bangalore, 23rd July 2016

**Professional Societies’ Positions**
Member Executive Committee (South India), Hernia society of India, 2 years

**Dr (Prof) Sunil Narayan Dutt**
Otolaryngology (ENT) and Head-Neck Surgery, Apollo Hospitals, Bangalore

**Lectures**
National Faculty: Annual Conference of the Association of Otolaryngologists of India (AOI), Gurgaon, January 2016

International Faculty and Programme Committee, International Cochlear Implant Conference, Toronto, Canada, May 2016

Regional Coordinator, First World Congress of Cochlear Implants in Emerging Countries, Dubai, May 2016

International Faculty, 10th International Cholesteatoma Conference in Edinburgh, UK, June 2016

Regional Coordinator and Guest Faculty, American Academy of Otolaryngology and Head Neck Surgery Foundation Congress, San Diego, USA, September 2016

Faculty, Advanced Coblation Course, Beijing University, Beijing, China, October 2016

International Faculty, 9th International Symposium of Rhinosinusitis and Nasal Polyposis (ISRN), Kuala Lumpur, Malaysia, November 2016

**Dr Venkatesh H K**
Neuroanaesthesia, Apollo Hospitals, Bangalore

**Publications**
Dr Venkatesh H K, Pre-operative laboratory testing: A prospective study on comparison and cost analysis, Indian Journal of Anaesthesia, volume 60, Issue 11, November 2016

**Dr Venkatesh T K**
Cardiology, Apollo Hospitals, Bangalore

**Publications**
Venkatesh Tekur Krishnamurthy, Handmade covered coronary stent seals type 3 coronary perforation – a lifesaving procedure when ready to use covered stents are unavailable, Journal of Cardiovascular Disease Research, 7(1):56-57, 2016


Tekur VK, Methotrexate-induced nonhealing cutaneous ulcers in a nonpsoriatic patient without pancytopenia, Indian Dermatology Online Journal, 7:418-20, 2016
Venkatesh Tekur Krishnamurthy, Retroperitoneal bleed with ticagrelor administration following fibrinolytic therapy in acute St-elevation myocardial infarction, Journal of Cardiovascular Disease Research, 7(4):157-159, 2016


Venkatesh Tekur Krishnamurthy, Sriarun Tekur Venkatesh, Rare case of perivalvular mitral abscess in a patient with infective endocarditis managed medically, IOSR Journal of Dental and Medical Sciences (IOSR-JDMS), Volume 15, Issue 7, Ver V, PP 118-119, July 2016


Venkatesh Krishnamurthy Tekur, Sriarun Venkatesh Tekur, Tumour - like lesions of the heart valve, IOSR Journal of Dental and Medical Sciences (IOSR-JDMS), Volume 15, Issue 9, Ver VII, PP 93-95, September 2016


Lectures
Dyslipidemia Management in Elderly, 3rd International Summit on Lipids, Aerocity, New Delhi, 6th and 7th August 2016

Statins in acute myocardial infarction, Bengaluru, India, 3rd July 2016

Chairperson for scientific session, State Annual Meeting of Indian Academy of Echocardiography, Karnataka Chapter - ECHO Karnataka, API Bhavan, Vasanthnagar, Bangalore, 13th November 2016

Moderator, European Society of Cardiology Congress 2016 highlights programme Bangalore, India, live from Rome, Italy, 31st August 2016

Speaker – Pharmacological Management of Atrial Fibrillation, Karnataka Cardiological Society of Indian Conference (KCSI) CON – 2016, Bangalore, 16th October 2016

Professional Societies’ Positions
Honorary Secretary, Cardiological Society of India, Bangalore Chapter, 2015 – 2016

Honorary Joint Secretary, Cardiological Society of India, Karnataka Chapter, 2015 – 2016

Executive Committee Member, Indian Academy of Echocardiography, Karnataka Chapter, 2014 – 2016

Vice President, Cardiological Society of India, Bangalore Chapter, 2016 – 2017

Honorary Secretary, Cardiological Society of India, Karnataka Chapter, 2016 – 2017

Invitee and Executive Committee Member, Indian Academy of Echocardiography, Karnataka Chapter, 2016 – 2017

Dr Vishwanath S
Medical Oncology, Apollo Hospitals, Bangalore
Publications


Presentations
Poster, Outcomes of diffuse large b-cell lymphoma with MYC and/or BCL2 protein expression treated with intensive chemotherapy, American Society of Clinical Oncology Annual Meeting 2016, Chicago, 3rd – 6th June 2016

Poster, Combination Obinutuzumab regimen active in aggressive diffuse large B-cell lymphoma, Pan Pacific Lymphoma Conference, Kauaii, 21st – 25th July 2016

Poster, DA EPOCH-R in high risk DLBCL, ASH Lymphoma Biology Meeting, 20th – 23rd June 2016

Poster, Analyzing patient characteristics who received (DA) EPOCH-R for high risk diffuse large B-cell lymphoma: MD Anderson Cancer Center Experience, American Society of Haematology Annual Meeting, San Diego, 3rd – 6th Dec 2016

Orations
High risk diffuse large B cell lymphoma: a comparison of aggressive subtypes treated with dose adjusted chemotherapy – the University of Texas MD Anderson Experience, American Society of Haematology Annual Meeting, San Diego, 3rd – 6th Dec 2016

Awards
American Society of Haematology (ASH), Oral Abstract Achievement Award, San Diego, CA, USA, 3rd – 6th Dec 2016

BHU BAN ESWAR

Dr Ajit Kumar Surin
Rheumatology, Apollo Hospitals, Bhubaneswar

Lectures
IRA (Indian Rheumatology Association), Chicago, 23rd – 26th November 2016

Dr Anjan K Dash
Cardiac Anaesthesiology, Apollo Hospitals, Bhubaneswar

Publications

Dr Banambar Ray
Critical Care, Apollo Hospitals, Bhubaneswar

Publications

Examinership
NBE Appraiser for Practical examination at St. Johns Medical College, Bengaluru, November 2016
NBE Assessor at Fortis Hospital, Gurgaon, November 2016

Dr Bibekananda Panda
Nephrology, Apollo Hospitals, Bhubaneswar

Lectures
ASN’s annual meeting, ASN 2016, Chicago, 15th – 19th November 2016
Dr Biswaranjan Nayak
DNB Trainee, Neurosurgery, Apollo Hospitals, Bhubaneswar

Publications
Biswaranjan Nayak, Prafulla Kumar Sahoo Ram Kumar Goyal, Rajiv Maharshi, Debabrata Biswal, Granulomatous hypophysitis – a rare pathology: Review of three cases, Neurology India, Volume 64, Issue 2, Page 343345, 2016

Ram Kumar Goyal, Biswaranjan Nayak, Rajiv Maharshi, Debabrata Biswal, Cavernous malformation in the conus medullaris: a rare report, Neurology India, Volume 64, Issue 4, Page 821-823, 2016


Awards
Best Paper Award, Neurovision, Odisha and Twincity, Odisha, November 2016

Dr C K Deepa
Ophthalmology, Apollo Hospitals, Bhubaneswar

Lectures
Annual Conference of Odisha State Ophthalmological Society, OSOCON-2016, KIMS Auditorium, 10th December 2016

Dr Debabrata Padhy
Orthopaedics, Apollo Hospitals, Bhubaneswar

Lectures
Midterm and Short term results of total hip replacement bilateral in connective knee disorder, Indian Arthroplasty Association, 6th November 2016

Professional Societies’ Positions
Secretary, Odisha Arthroplasty Association, 3 years, since 2015

Dr Debasish Nayak
CTVS, Apollo Hospitals, Bhubaneswar

Publications

Dr Dipika Mohanty
Haematology, Apollo Hospitals, Bhubaneswar

Publications

Editorial Boards Membership
Reviewer, Indian Journal of Medical Research, since 1993

Member of Editorial Board, Indian Journal of Medical Research, since 2000
**Member of task forces of Government of India or State Governments**

Member, Peer Review Committee of ICMR, Haematology, Physiology, Genetics and Pharmacology

Member, National Task Force on Hemoglobinopathies and its control

Member, Task Force on Genetics and Genomics of DBT (Dept. of Biotechnology)

Chairperson, Managing Committee of Central Red Cross Blood Bank, Cuttack

Member, Working Committee of Orissa State Red Cross

Member, State Audit Advisory Board for Social Audit, A.G. Orissa

Chairperson, Scientific Advisory Committee of National Plasma Fractionation Centre, Mumbai

Member, Ethics Committee of L.V. Prasad Eye Hospital, Bhubaneswar

Member, Ethics Committee of Acharya Harihar Cancer Institute, Cuttack

**Dr Gaurav Aggarwal**

DNB Trainee, Urology, Apollo Hospitals, Bhubaneswar

**Publications**


Gaurav Aggarwal, Samiran Das Adhikary, Unrelated Renal Transplantation: an ethical enigma [Original Research Article], Indian Journal of Medical Ethics, 1(3) NS:176-80, July – September 2016


**Lectures**

AV Malformation of the distal urethra: A rare cause of spontaneous massive urethral bleed, Moderated poster presentation at USICON 2016, 5th July 2016

**Awards**

Best paper Award for Ureteric Colic Management: A KAP survery to assess whether urologists are evidence based or biased? Urology Society of India, October 2016

MIUC Travelling Fellowship Award, East Zone USI, Imphal, October 2016

**Dr L K Mishra**

Plastic Surgery, Apollo Hospitals, Bhubaneswar

**Lectures**


**Dr Manas R Baisakh**

Histopathology, Apollo Hospitals, Bhubaneswar

**Publications**


Santosh K Swain, Mahesh C Sahu, Sidhartha Mohanty, Rankanidhi Samal, Manas Ranjan Baisakh, Management of laryngotracheal stenosis – Still remains a challenge for successful outcome, Apollo Medicine, Volume 13, Issue 2, Pages 102–107, June 2016
Dr Manas R Kar  
Interventional Radiology, Apollo Hospitals, Bhubaneswar

Publications  

Dr Naba Kumar Pattnaik  
CTVS, Apollo Hospitals, Bhubaneswar

Publications  


Dr Nachiketa Mohapatra  
Histopathology, Apollo Hospitals, Bhubaneswar

Publications  

Dr Nisith Kumar Mohanty  
Nephrology, Apollo Hospitals, Bhubaneswar

Lectures  
ISN East Conference, Dooars, West Bengal, 2nd December 2016

Dr Prafull Kumar Sahoo  
Neurosurgery, Apollo Hospitals, Bhubaneswar

Publications  
Biswaranjan Nayak, Prafulla Kumar Sahoo Ram Kumar Goyal, Rajiv Maharshi, Debabrata Biswal, Granulomatous hypophysitis – a rare pathology: Review of three cases, Neurology India, Volume 64, Issue 2, Page 343345, 2016

Lectures  
International Neuro Sciences Conference, Germany, June 2016

Dr Prasanna Kumar Mishra  
Anaesthesia, Apollo Hospitals, Bhubaneswar

Publications  

Dr Prasant Kumar Sahoo  
Cardiology, Apollo Hospitals, Bhubaneswar

Publications  
Dr Raghunath Mohapatra  
CTVS, Apollo Hospitals, Bhubaneswar

Publications  

Lectures  
ALEIPZIG Heart centre, Germany, May 2016

Dr Rajiv Maharshi  
DNB Trainee, Neurosurgery, Apollo Hospitals, Bhubaneswar

Publications  
Ram Kumar Goyal, Biswaranjan Nayak, Rajiv Maharshi, Debabrata Biswal, Cavernous malformation in the conus medullaris: a rare report, Neurology India, Volume 64, Issue 4, Page 821-823, 2016

Biswaranjan Nayak, Prafulla Kumar Sahoo Ram Kumar Goyal, Rajiv Maharshi, Debabrata Biswal, Granulomatous hypophysitis – a rare pathology: Review of three cases, Neurology India, Volume 64, Issue 2, Page 343345, 2016

Dr Ram Kumar Goyal  
DNB Trainee, Neurosurgery, Apollo Hospitals, Bhubaneswar

Publications  
Ram Kumar Goyal, Biswaranjan Nayak, Rajiv Maharshi, Debabrata Biswal, Cavernous malformation in the conus medullaris: a rare report, Neurology India, Volume 64, Issue 4, Page 821-823, 2016

Biswaranjan Nayak, Prafulla Kumar Sahoo Ram Kumar Goyal, Rajiv Maharshi, Debabrata Biswal, Granulomatous hypophysitis – a rare pathology: Review of three cases, Neurology India, Volume 64, Issue 2, Page 343345, 2016

Dr Rashmi Rekha Acharya  
Dental, Apollo Hospitals, Bhubaneswar

Dr Rashmi Rekha Acharya  
Dental, Apollo Hospitals, Bhubaneswar

Publications  

Lectures  
Odisha State Dental Conference at NOCCI, Business Park Balasore, 12th October 2016

Dr. Samarjit Bisoiy  
Cardiac Anaesthesiology, Apollo Hospitals, Bhubaneswar

Publications  

Dr Smarajit Patnaik  
Orthopaedics, Apollo Hospitals, Bhubaneswar

Lectures  
AO Asia Pacific Faculty in AO Basic course, New Delhi, September 2016

Examinership  
AO Asia Pacific Faculty, AO Basic course New Delhi, September 2016

NBE Appraiser for FMGE examination at Bhubaneswar

Dr Sambit Das  
Endocrinology, Apollo Hospitals, Bhubaneswar

Publications  
Gliptins are better than SGLT2 inhibitors for the management of diabetes mellitus, RSSDI Diabetes Update – 2016, RSSDI, 2016

Chapters contributed to text books  
Obesity, Insulin Resistance and Type 2 Diabetes Mellitus in Indian Context Facts and Myths, RSSDI Diabetes Update – 2016, RSSDI, 2016
Editorial Boards Membership
Member, American Association of Clinical Endocrinologist (AACE), since 2016
Member, ESI and RSSDI, since 2016

Dr Samiran Das Adhikary
Urology, Apollo Hospitals, Bhubaneswar

Publications

Gaurav Aggarwal, Samiran Das Adhikary, Unrelated Renal Transplantation: an ethical enigma [Original Research Article], Indian Journal of Medical Ethics, 1(3) NS:176-80, July – September 2016


Dr Sanjeev Patnaik
Orthopaedics, Apollo Hospitals, Bhubaneswar

Lectures
National Conference IOACON, Kochi, 15th – 19th December 2016

International Trauma Summit, Shanghai, China, 20th – 21st September 2016

Dr Sarala Das
Neuropathology, Apollo Hospitals, Bhubaneswar

Professional Societies’ Positions

Dr Saroj Kumar Pattnaik
Critical Care, Apollo Hospitals, Bhubaneswar

Publications

Lectures
Transfer delay from ICU Retrospective Analytical study in an Indian Tertiary ICU, ESICM 2016, 4th October 2016

Professional Societies’ Positions
General Secretary, ISCCM, Bhubaneswar Chapter, 2012 – 2016

Dr Satyabrata Dash
Psychiatric, Apollo Hospitals, Bhubaneswar

Lectures
Psychiatric in India, Annual Conference, Indian Psychiatric Society Odisha state branch, November 2016

Editorial Boards Membership
Member of Editorial Board, The Orissa Journal of Psychiatry, since 2013

Professional Societies’ Positions
President, Indian Psychiatric Society, Odisha State Branch, 2015 – 2016

Dr Satyajit Sahoo
CTVS, Apollo Hospitals, Bhubaneswar

Publications
Dr Sharmili Sinha
Critical Care, Apollo Hospitals, Bhubaneswar

Lectures
Role of Biomarkers in Sepsis, East Zone Critical Care Conference, Siliguri, October 2016

Faculty in EDIC preparatory course, EPICON, Kolkata, September 2016

Biomarker vs clinical decision in starting or stopping antibiotic therapy, East Zone Anesthesia Conference, Puri, Odisha, September 2016

Research snapshot presentation on evaluation of indications of EVD in a tertiary intensive care unit, Critical Care Congress 2016, Ormoldo, Florida, USA, February 2016

Research snapshot presentation, a case report - Chicken pox with severe rhabdomyolysis with multi-organ dysfunction, February 2016

Examinership
National Board of Examinations for NEET (PG-Entrance), December 2016

Dr Sidharth Mohanty
Anaesthesia, Apollo Hospitals, Bhubaneswar

Publications
Santosh K Swain, Mahesh C Sahu, Sidhartha Mohanty, Rankanidhi Samal, Manas Ranjan Baisakh, Management of laryngotracheal stenosis – Still remains a challenge for successful outcome, Apollo Medicine, Volume 13, Issue 2, Pages 102–107, June 2016

Dr Sushant Kumar Sethi
Gastroenterology, Apollo Hospitals, Bhubaneswar

Publications

Rasmirekha Behera, Sushant Kumar Sethi, Diagnosis and treatment of Gallstone ileus with Cholangitis and Cholecystoenteric fistula in an Elderly Female, Journal of Medical Science and Clinical Research, JMSCR Vol 04, Issue 05, Page 10503-10506, May 2016


Lectures
ISGCON (Indian Society of Gastroenterology), New Delhi, 15th December – 17th December 2016

Liver Transplant Meeting, Bangalore, 2016

Chair session in Gastrology Conference, Kolkata, 2016

Editorial Boards Membership
INASL (Indian National Association for Study of Liver), since 2016

Member of task forces of Government of India or State Governments
Upper GI Bleed, ISG

BILASPUR

Dr Vinit Kumar Srivastava
Neuro-Anaesthesiology, Apollo Hospitals, Bilaspur

Publications
controlled study, Journal of Clinical and Diagnostic Research, 10(9): UC01-UC04, September 2016


Dr Zafar Meenai
Developmental Paediatrics, Apollo Hospitals, Bilaspur

Chapters contributed to text books
School refusal and avoidance, IAP Child Care- a parent’s manual textbook, PEEPEE Publishers, 2016

Lectures
Faculty, Early Intervention in Office Practise, National Conference of Growth Development Behaviour chapter of IAP, Pune, 10th December 2016

Faculty, Practical issues in cerebral palsy, 12 EMBICON Mumbai, 1st – 2nd October 2016

Faculty, Myths in Autism, 15th Asia Pacific Paediatrics and 53rd National Conference Indian Academy of Paediatrics PEDICON, Hyderabad, 21st – 24th January 2016

Faculty, Autism, 47th MP PEDICON Indore, 24th September 2016

Master trainer, Cradle to Crayon, National TOT workshop President Action Plan 2016, Nagpur, 10th July 2016

Master trainer, Cradle to Crayon, National TOT workshop President Action Plan 2016, Indore, 12th June 2016

Master trainer, Cradle to Crayon, National TOT workshop President Action Plan 2016 Ahmedabad, 10th July 2016

Master trainer, Cradle to Crayon, National TOT workshop President Action Plan 2016 Bhopal 22nd October 2016

Professional Societies’ Positions
International affairs committee member and Fellow of American Academy of Cerebral Palsy and
Developmental Medicine (FACPDM), October 2016 to 2018

National Joint Secretary IAP chapter of Neurodevelopmental Paediatrics, January 2016 - 2017

CHENNAI

Dr Ajit Pai
Surgical Oncology, Apollo Hospitals, Chennai and Apollo Cancer Institutes

Publications


**Dr Balachandran Premkumar**  
General Surgery, Apollo Hospitals, Chennai and OMR

**Lectures**  
Thoraco laparoscopic oesophagectomy, causes of recurrence in hernia, IAGES mid-term, Kanyakumari, 6th International Conference and Line Workshop on Hernia, Coimbatore, 2nd October 2016 and 19th May 2016

**Professional Societies’ Positions**  
Vice President, International College of Robotic Surgeons, Since 2014

Honorary Professor, Minimal Access Surgery, Singhania University, Rajasthan, 2016

**Dr I Sathyamurthy**  
Cardiology, Apollo Hospitals, Chennai

**Chapters contributed to text books**  
Management of heart failure in HOCM, Cardiology Update, 2016

**Publications**  

MadhurKumarSrivatsava,MIndirani,ISathyamurthy,  

**Awards**  
Dr G C Kothari Memorial Award and Gold Medal, 2016

**Dr Jagadeesh Chandrasekaran**  
Internal Medicine, Apollo Hospitals, Chennai

**Lectures**  
Inhaled medications, Railway ICF Hospital, 15th March 2016

Outpatient management of Asthma, Monthly meet of IMA Ambattur – Avadi, 23rd June 2016

**Examinership**  
Tamilnadu Dr MGR Medical University, Chennai

**Dr K Ganapathy**  
Telemedicine and Neurosurgery, Apollo Hospitals, Chennai

**Publications**  
K Ganapathy, ISfTeH journal THCIT conference abstract, 2016


K Ganapathy, Calcified worm in the brain, Neurology India, 2016


K Ganapathy, Internet in neurosurgery, Neurology India, Internet in Neurosurgery, 2016


The making of a complete neurosurgeon, Neurology India, 64, 2016

Lectures
Telehealth for 60,000 eVillages in India: The Beginning of the CSC, 21st ISfTeH Annual Conference, Brazil, 2016

24/7 Telehealth in the Himalayas - operational and clinical challenges: a preliminary report, 21st ISfTeH Annual Conference, Brazil, 2016

Apollo’s Telemedicine 2.0: Making Healthcare Accessible and Affordable, Digital Transformation for Hospitals Asia, Singapore, 2016


Disaster Response - a key to advancing global neurosurgery and global health care, 11th Asian Congress of Neurological Surgeons 2016 in conjunction with 21st Annual Scientific Meeting of Indonesian Society of Neurological Surgeons, Indonesia, 2016

Extending limited availability of Neurological Services Is Telemedicine the only answer? Yes! Yes of course!! 65th annual conference of Neurological Society of India, Chennai, 15th - 18th December 2016

Telehealth thro CSC, VLE’s of CSC’s in Jammu and Kashmir, New Delhi, 23rd October 2016

Back to the future Sound bytes, 7th International Conference on Transforming Healthcare with IT, Chennai, 21st – 22nd October 2016

Telehealth: The Apollo Story, Delegation of Bouygues Group from France and overseas delegates to 7th International Conference on Transforming Healthcare with IT, Chennai, 21st – 22nd October 2016

Faculty, General Management Programme for Healthcare Executives IIM B, Bengaluru, 28th September 2016

Recognising the Dangerous Headache and Management of Head Trauma, Dharamshala Zonal Health Hospital, 27th July 2016

Technology in Telehealth, Puducherry Engineering College at Short Term Training Programme on Biosignal Processing for Telemedicine applications, 27th June 2016

Telemedicine in Tamilnadu, First Annual Conference of Tamilnadu chapter of Telemedicine Society of India, Madurai, 18th June 2016

Chairperson Session on Smart Health - First Annual Conference of Tamilnadu chapter of Telemedicine Society of India, Madurai, 18th June 2016

Clinical presentation of Meningioma, Madras Medical College, on Brain Tumour Day – Dr Ghosh Charitable Trust, 8th June 2016

Smart Health of the Future - RIP to Clinical Medicine, IEEE 2016 Conference on Norbert Wiener in the 21st century: Thinking Machines in the Physical world, Indian Institute of Science, Bangalore, 22nd April 2016
Deploying Technology to promote preventive healthcare and reach the unreached, Diabetes Dialogue - Conference on Diabetes and Preventive Healthcare Landmark Group, Bangalore, 17th March 2016

Panel Moderator, Future Trends in Healthcare Industry, Chennai, Tamil Nadu as the hub for Medical Technology, Health Information Technology in the future, 19th February 2016

Telemedicine in your medical practice, Inauguration of Tamilnadu chapter of Telemedicine Society of India, Nyveli, 8th February 2016

Current Scenario in Healthcare for Connected Health, Seminar on Internet of Things (IoT) for Connected Health, Hindustan University, Chennai, 25th January 2016

Moderator, Solutions for unmet health needs, India Medical Expo 2016, Bangalore, organised by Ministry of Fertilizers and Chemicals and FICCI n Leveraging eHealth and mHealth, 7th January 2016


Editorial Boards Membership

Professional Societies’ Positions
Mentor iB Hubs (ib-group-announces-its-pan-india-startup-hub-ib-hubs-to-provide-end-to-end-assistance-to-startups), 2016

Advisor, Tamil Nadu Chapter, Telemedicine Society of India, 2016

Chairman Legal and Policy Panel, National conference of Telemedicine Society of India, Bengaluru, 10th - 12th November 2016

Member of task forces of Government of India or State Governments
Nominated member Medical Electronics Evaluation and Advisory Group (MEAG) of Industry Innovation Programme on Medical Electronics (IIPME) of the Biotechnology Industry Research Assistance Council (BIRAC) under Department of Biotechnology Government of India

Mentoring and Evaluation - Social Innovation Technical Advisory Group (M&E STAG) Social Innovation Programme for Products Affordable and Relevant to Societal Health (SPARSH) under Department of Biotechnology Government of India

Awards
Emeritus Professor, Tamilnadu Dr MGR Medical University, July 2016

Dr Manoj Subhash Khatri
Ophthalmology – VitreoRetina, Apollo Hospitals Chennai

Publications

Manoj Khatri, Dawn Ching Wen Ho, Aniruddha Agarwal, Cecilia S Lee, Jay Chhablani, Vishali Gupta, Jayabalan Nirmal, Carlos Pavesio and Rupesh Agrawal, Ocular Immunology and Inflammation, Taylor and Francis Group, 2016, 00(00): 1–8, DOI: 10.1080/09273948.2016.1245758

Lectures
Posterior segment examination in ocular trauma, NUH (National University Hospital) Eye International Congress 2016, Singapore - in association with International Society of Ocular Trauma (ISOT) and Asia Pacific Ocular Trauma Society (APOTS), 3rd – 6th November 2016
Dr Ramesh Venkataraman  
Critical Care Medicine, Apollo Hospitals Chennai

Chapters contributed to text books
Rationale for Procalcitonin in the ICU, Annual congress textbook (ISCCM), 2016

Palliative care in the ICU, Apollo textbook of general medicine, 2016

Publications
Ramakrishnan N, Shankar B, Ranganathan L, Daphnee DK, Bharadwaj A, Venkataraman R, Parenteral nutrition support: Beyond gut feeling? Quality control study of parenteral nutrition practices in a Tertiary Care Hospital, Indian Journal of Critical Care Medicine, January 2016


Lectures


Septic shock – Current trends and methods, Update for Rheumatologists, Madurai, March 2016

Optimizing pressures in Acute Respiratory Distress Syndrome, CMC Vellore, April 2016

Acid Base balance – Part I, Update for Postgraduates, Chennai, May 2016

Acid Base balance – Part II, Update for Postgraduates, Chennai, June 2016

When to stop fluid resuscitation, ISCCM Postgraduate Course, July 2016

Acute Kidney Injury guidelines, Critical Care Update, Hyderabad, August 2016

Editorial Boards Membership
Reviewer, Indian Journal of Critical Care Medicine, since 2011

Professional Societies’ Positions
Member - Research Committee, Indian Society of Critical Care Medicine, since January 2014
Core organizing member, Annual Refresher Course in Critical Care Medicine, since 2007
Academic co-ordinator, Department of Critical Care Medicine, Apollo Hospitals, Chennai, since 2007

Awards
Honorary Adjunct Associate Professor, Apollo Hospitals Education and Research Foundation, since June 2011

Examinership
Educator/Examiner, Indian Society of Critical Care Medicine, since 2007

Dr Ram Gopalakrishnan  
Infectious Diseases, Apollo Hospitals Chennai

Chapters contributed to text books
Gopalakrishnan R, Laxman G Jessani, Swati Gohel, Vinay Devraj, Infections in burns, trauma and zoonosis, Critical Care Infectious Disease Course (CCIDC), Indian College of Critical Care Medicine, June 2016

Gopalakrishnan R, Devarajan TV (edit), Human Immunodeficiency virus and the Acquired Immunodeficiency Syndrome, Apollo Hospitals Textbook of Medicine, Chapter 15, pp 247-260, Jaypee, 2016

Gopalakrishnan R, Devarajan TV (edit), Sexually Transmitted Diseases, Apollo Hospitals Textbook of Medicine, Chapter 16, pp 261-265, Jaypee, 2016
Publications


Lectures


Keynote lecture, Emerging Infections in Obstetrics – a global perspective, 30th Annual Conference of AICC RCOG (Royal College of Obstetricians and Gynaecologists), Mamallapuram, 3rd September 2016

Challenging cases, 2nd MYCOCON (Annual Conference of Fungal Infection Study Forum), Mumbai, 11th November 2016

Editorial Boards Membership
Reviewer, Indian Journal of Dermatology, Venereology and Leprology, since January 2014

Professional Societies’ Positions
Editor, CIDS Newsletter, since June 2014

Member of task forces of Government of India or State Governments
Member, ICMR Committee, Antimicrobial Agents Prescription Guidelines, since December 2014

Examinership
Examiner, Exit examination for Fellowship programme in Infectious Diseases, Dr MGR Medical University, Tamil Nadu, January 2012

Awards
Adjunct Professor, Tamil Nadu Dr MGR Medical University, since 2012
Fellowship, Infectious Disease Society of America, since 2014

Dr Rema Menon
Blood Transfusion Services, Apollo Hospitals Chennai

Orations
Evolution of Transfusion Transmitted Infections, 41st Congress of the ISBT, 27th August 2016
Universal Leucodepletion: A Real Time Experience, 5th National Congress, 18th November 2016

Awards
Dr Usha Gupta Award, 27th August 2016

Dr Roona Shad
Anaesthesiology, Apollo Hospitals, Chennai

Lectures
Anesthesia for cytoreductive surgery with hyperthermic intraperitoneal chemotherapy, 64th Annual National Conference of Indian Society of Anaesthesiologist, Ludhiana, Punjab, 28th November 2016

Dr Sengottuvelu G
Interventional Cardiology, Apollo Hospitals, Chennai

Chapters contributed to text books
Arial Fibrillation in patients with CRT, Arial Fibrillation update, CSI, 2016

Publications


Optical Coherence Tomographic Visualisation of 10-Years-old Radial to Right Coronary Artery Anastomotic Site during Percutaneous Coronary Intervention to Occluded Radial Graft, Heart, Lung Circulation Journal, 2016

Role of PET-CT in the assessment of myocardial viability in patients with left ventricular dysfunction, Indian Heart Journal, 2016

Profile of Aortic Stenosis, Heart Journal 2016

Lectures

IVUS and OCT, India Live – Delhi, 26th February 2016

TAVR, CSI – Chennai, 10th – 12th February 2016

CTO, IJCTO – Kochi, 4th – 5th June 2016

BVS, Hyderabad Live, 9th – 10th July 2016

OCT, PONDY – JIPMER, 2nd - 3rd July 2016

TAVR, TCT India Delhi, 5th August 2016

Bifurcation, AICT, Taivan, 22nd – 24th September 2016

OCT and IVUS, CSI – Bangalore, 15th October 2016

Ostial Lesions, Asia BRS Delhi, 21st – 22nd October 2016

TAVR, ACCEL – Hongkong, 16th – 17th October 2016

TAVR, API – National meeting Mumbai, 26th January 2016

Left Main Trifurcation Stenting Ivus Guided, CSI – Kochi, 8th - 10th December

Awards
Best presentation Award, IJCTO, Kochi
First prize and Best Case Award, Asia BRS summit
Apollo Award for starting the first TAVR in Apollo Group

Dr Nalli R Gopinath
Orthopaedic Surgery, Apollo Spectra Hospitals MRC Nagar, Chennai
Publications


Professional Societies’ Positions
Treasurer, Tamil Nadu Orthopaedic Association-TNOA, 2015 – 2017

Joint Secretary, Madras Orthopaedic Society (MOS), 2016-2017

DELHI

Dr Ameet Kishore
ENT, Neurotology and Cochlear Implants, Indraprastha Apollo Hospital, New Delhi

Chapters contributed to text books
S Nair, A Kishore, Vestibular Migraine: As we know it today, Ed: S K Kacker, 2016, Chapter 12, p 84 – 96

Lectures
Panellist, Advanced Micro Ear Surgery workshop, New Delhi, October 2016

Electro Acoustic Stimulation (EAS), Cochlear Implant Group of India, Annual Conference, Kochi, October 2016

Instructor for Bone Bridge and Vibrant Sound Bridge Implants – Hands on training, Cochlear Implant Group of India, Annual Conference, Kochi, October 2016

Instruction Course on Cochlear Implants, AOI Delhi Annual Conference, March 2016

Cochleo-vestibular anomalies - Surgical considerations in cochlear implantation, National Seminar on Implantable hearing solutions (NSIHS), Hyderabad, February 2016

Middle ear implants - Indications and placements, National Seminar on Implantable hearing solutions (NSIHS), Hyderabad, February 2016

Panellist, Cochlear Implantation, Annual Conference of AOI, Gurgaon, January 2016

Panel (Moderator), Vestibular Migraine and Controversies in Vertigo, Annual Conference of AOI, Gurgaon, January 2016

Presentations
G Kapoor, N Narayan, A Kishore, Educational outcomes post cochlear implantation, Cochlear Implant Group of India, Annual Conference, Kochi, October 2016

P Kumar, N Narayan, A Kishore, Emotion perception through music in pre-lingual adolescents and post-lingual adults with unilateral cochlear implant, Cochlear Implant Group of India, Annual Conference, Kochi, October 2016


N Narayan, P Kumar, A Kishore, Improvement in nerve synchronisation with electrical stimulation
over time in patients with auditory nerve anomalies, 9th International Symposium on objective measures in auditory implants, Hungary, June 2016

A Kishore, A Kumar, N Narayan, Predicting the degree of difficulty in cochlear implant surgery – the use of an objectively structured imaging based grading system, 9th International Symposium on objective measures in auditory implants, Hungary, June 2016

Professional Societies’ Positions
Honorary Secretary, Cochlear Implant Group of India – 2014 to 2017

Dr Amit Kumar Agarwal
Orthopaedics, Indraprastha Apollo Hospital, New Delhi

Publications


Vaishya R, Vijay V, Singh H, Agarwal AK, Arthroscopic retrieval of a bullet from the knee, 13 (2); 127-132, Apollo Medicine, 2016


R K Sen, S Prakash, S K Tripathy, Amit Kumar Agarwal, I M Sen, Inhalational Ciclesonide found beneficial in prevention of fat embolism syndrome and improvement of hypoxia in isolated skeletal trauma victims, DOI:10.1007/s00068-016-0633-1.(IF: 0.43), European Journal of Trauma and Emergency Surgery, January 2016

Agarwal AK, Proximal focal femoral deficiency, Medscape (e-medicine), 2016


Raju Vaishya, Vipul Vijay, Vikas P Birla, Amit Kumar Agarwal, Inter-observer variability and its correlation to experience in measurement of lower limb mechanical axis on long leg radiographs, 7; 260–264, Journal of Clinical Orthopaedics and Trauma, 2016


Lectures
Presented paper in IAACON 2016 - Role of vitamin D deficiency in early onset OA knee, IAACON


Does CT scan based technology for patient specific blocks provide correct size measurements for knee implants in TKA – SICOT, Rome, SICOT, September 2016

Is measurement of mechanical axis on radiographs an art and comes with experience? – SICOT - Rome, SICOT, September 2016

Editorial Boards Membership
Editor, Journal of Clinical and Experimental Traumatology, since 2016

Editor, Journal of Orthopaedic Surgery, Traumatology and Physiotherapy, since 2016

Member of governing board of MCI / State Medical Council / autonomous medical institutions under Government of India
Texila American University, South America, Programme chair of MCh (Orth), 2014-2017

Examinership
Texila American University, South America, MCh (Ortho) Examination

Awards
Attended Arthrex Shoulder Arthroscopy Lab in Singapore, November 2016

Awarded certificate of excellence for being international judge with the proceedings of the 3rd International Scientific e-Conference 2016 organized by Texila American University

Travelling Fellowship awarded by Delhi Orthopaedic Association (DOA), 2016
Dr (Professor) Anil Chandra Anand
Gastroenterology and Hepatology, Indraprastha Apollo Hospital, New Delhi

Books published

Anand AC, Mini’s Spink, Byword Publishers, 2016 (Kindle Edition)

Chapters contributed to text books
Anand A C, HCV Treatment: The best is yet to come, Progress in Gastroenterology and Hepatology 2016, Elsevier's, 2016

Publications


Gupta A, Anand AC, Patients presenting with peptic ulcer bleeding should be screened to rule out Cirrhosis of liver, Indian Journal of Gastroenterology, DOI 10.1007/s12664-016-0702-8, November 2016


Orations
Your alter ego, your second brain and your health, AFMRC Oration, Armed Forces Medical College Pune, 3rd February 2016

Lectures
Anand AC, Your alter-ego, your second brain and your health, Armed Forces Medical College, Pune, 3rd February 2016

Anand AC, How to manage HBV infection in patients undergoing immunosuppressive treatment In CME “Clinical Application of Advancement in Hepatobiliary Diseases”, in New Delhi organized by Institute of Liver Gastroenterology and Pancreaticobiliary – Sciences (ILGPS), Sir Ganga Ram Hospital, New Delhi under the aegis of "Delhi Liver Foundation", 3rd - 4th September 2016

Anand AC, Beta-blockers are safe in decompensated cirrhosis of liver, at 24th Annual Scientific Meeting of INASL, Gurgaon, Delhi (NCR) India, 5th - 7th August 2016

Anand AC, ALF Mimicks, at 24th Annual Scientific Meeting of INASL, Gurgaon, Delhi (NCR) India, 6th August 2016


Anand AC, Potential HCV positive transplant recipient: Should DAA be given before or after transplantation at 2nd CLBS Symposium on Advances in Adult and Paediatric Liver Transplantation, Indraprastha Apollo Hospital New Delhi, 16th September 2016

Anand AC, Post-Operative Management of Crohn’s Disease, at AIG IBD Symposium (IBD Summit) 2016, Hyderabad, 23rd April 2016

Anand AC, Keynote address: Introduction and overview of Biologics in IBD, IBD and Biologics Congress 2016, New Delhi, organized by Dr Gourdas Choudhuri, 27th March 2016
Anand AC, Goal Oriented Therapy, At Young Clinician’s Programme organized by Indian Society of Gastroenterology, Jaipur, 18th – 20th March 2016

Anand AC, How to manage Hepatitis B positive patient undergoing Immuno Suppressve Treatment, Clinical Application of Advancement in Hepatobiliary Diseases, 3rd - 4th September 2016, organized by Institute of Liver Gastroenterology and Pancreaticobiliary – Sciences (ILGPS), Sir Ganga Ram Hospital, New Delhi

Anand AC, Potential HCV positive transplant recipient: Should DAA be given before or after transplantation, 2nd CLBS Symposium on Advances in Adult and Paediatric Liver Transplantation, Delhi, 16th – 18th September 2016


Anand AC, ALF Mimickers, PGI GI Emergency Update, PGIMER, Chandigarh, 1st - 2nd October 2016

Anand AC, Post-Operative Management of Crohn’s Disease, Department of GI Surgery Indraprastha Apollo Hospital, New Delhi, 20th October 2016


Anand AC, Management of clinically important MDR intra-abdominal infection, Pre-Conference Microbiology Workshop, Apollo Hospital, 17th November 2016


Anand AC, Curbside Consultation, 3rd Annual Conference of Medico Legal Action Group, IMA Complex Chandigarh, 11th December 2016

Anand AC, Ethics of using branded drugs, A Panel discussion, ISGCON 2016, New Delhi, 16th December 2016

Anand AC, Coffee and Liver Disease, ISGCON 2016, New Delhi, 17th December 2016

Editorial Boards Membership
Associate Editor, Journal of Clinical and Experimental Hepatology, since inception in 2010

Member of task forces of Government of India or State Governments
Member of National Guidelines Committee of Ministry of Health, Government of India, since 2011

Convener of National Task Force on Hepatitis C Virus Infection in India, Indian National Association of the Study of Liver, since 2011

Member of National Task Force on Hepatitis B Virus Infection in India, Indian National Association of the Study of Liver, since 2014

Examinership
Appraiser, DNB (Gastroenterology), National Board of Examinations, 2016

Awards
Fellowship of Royal College of Physicians (Edin), 2016

Dr Anshuman Agarwal
Urology and Robotics, Indraprastha Apollo Hospitals, New Delhi

Lectures
Live HOLEP surgery, International Conference on Advances in Endourology, Ahmedabad

Impact of Robotics in Urology, Annual Conference, Nepal Urological Society
Live HOLEP and RIRS at annual meeting of North Zone Urological Society of India conference, Agra, October 2016

Chair session, International conference on Carcinoma Bladder, AIIMS, November 2016

Chair live operative session, PERCON 2016 and International Association of Urolithiasis meeting, Delhi, November 2016

**Dr (Prof) Anupam Sibal**
Paediatric Gastroenterology and Hepatology, Indraprastha Apollo Hospitals, New Delhi

**Publications**

**Lectures**
World Innovation Summit for Health (WISH), Doha, Qatar, 28th November – 2nd December 2016


World Congress of Paediatric Gastroenterology, Hepatology and Nutrition (WCPGHAN 2016), Global Perspective on ALF/ Concurrent session vii living related transplantation, Montreal, Canada, 5th – 8th October 2016


The APAC Forum, Apollo Hospital Leadership characteristics for creating high performing organizations', Sydney, Australia, 12th – 14th September 2016

How Hospitals can Attract, Retrain and Retain the Right Talents, Hospital Management Asia 2015 (HMA), Ho Chi Minh City, Vietnam, 5th – 9th September 2016

Seven ways to ensure quality services and improvement beyond accreditation, Hospital Management Asia 2015 (HMA), Ho Chi Minh City, Vietnam, 5th – 9th September 2016

Ensuring patient safety but at what cost? Hospital Management Asia 2015 (HMA), Ho Chi Minh City, Vietnam, 5th – 9th September 2016


Mid-Year Forum Global Association of Physicians of Indian Origin (GAPIO) and ii Global Cancer Leaders’ Summit. Moscow, 4th – 10th July 2016


Institute of Healthcare Improvement (IHI), Middle East Forum on Quality and Safety in Healthcare,
Leadership characteristics for creating high performing organizations, Doha, Qatar, 13th – 15th May 2016

International Consortium for Health Outcomes Measurement (ICHOM), London, 16th – 21st April 2016


AAPI Global Health Summit and Healthcare CEO Forum, Udaipur, 29th December 2016

Apollo VI PATIENT SAFETY CONFERENCE, Chennai, 20th – 22nd October 2016

15 years of successful liver transplantation in India, Indian Medical Association, Patna, 26th August 2016

Quality beyond Accreditation, CAHOCON, 2nd National Conference, Bangalore, 19th – 20th March 2016

15 years of successful liver transplantation in India, Indian Medical Association, Roorkee, 22nd – 23rd February 2016

Annual Global Association of Physicians of Indian Origin, Chandigarh, 9th – 11th January 2016

**Dr Arun Prasad**

Minimal Access Surgery (Gastrointestinal, Robotic, Bariatric and Thoracoscopy), Indraprastha Apollo Hospitals, New Delhi

**Publications**


**Dr Ashok Sarin**

Nephrology, Indraprastha Apollo Hospitals, New Delhi

**Lectures**

Faculty and Chairperson, North Zone Indian Society of Nephrology, 1st – 3rd April 2016

Chairperson, Delhi Nephrology Society, Annual Conference, 24th – 26th January 2016

Chairperson, Update on Kidney Transplantation, Medanta – The Medicity, Gurgaon, 21st – 22nd November 2016

Chairperson, CME Kidney Transplantation, Nephrology Education Society, Gurgaon, 16th – 17th January 2016

Panellist, Expert opinion for Consensus statement of management of Dyslipidaemia in CKD, 1st May 2016

Chairperson, Vascular Intervention Society in Renal Diseases, June 2016

**Dr C M Batra**

Endocrinology, Indraprastha Apollo Hospitals, New Delhi
Publications
C M Batra, Hypocalcemic Cardiomyopathy and Pseudohypopoparathyroidism due to Severe Vitamin D Deficiency, Journal of the Association of Physicians of India, Vol. 64, May 2016

Dr Chanchal
Foetal Medicine, Indraprastha Apollo Hospitals, New Delhi

Chapters contributed to text books
Dr Chanchal, Fetal reduction in Multiple Pregnancy, Multiple gestations: Basics and Beyond, 1st Edition, Jaypee Brothers, 2016

Dr Chanchal, Fetal Growth Disorders in Multiple Pregnancy, AOGD Bulletin, Volume 16-4, 17-21, Dr Sangeeta Gupta on behalf of Association of Obstetricians and Gynaecologists of Delhi, August 2016

Publications


Lectures
First trimester ultrasound screening, 1st FMF Workshop, MAMC, 6th March 2016

Case based discussion in Fetal Medicine, 1st Quarterly Meet SFM, R&R Hospital, 10th July 2016

Introduction and overview of maternal fetal medicine, MRCOG Part II Prep Course, AICC NZ RCOG, 21st July 2016

Basics of CTG and current NICE Guidelines, Practical Perinatology Workshop, Surat Obstetric and Gynaecological Society, 24th July 2016

Woman with previous eclampsia, PG Update 2016, AOGD, 14th August 2016

CTG Workshop CME, Noida Obstetric and Gynaecological Society, 20th August 2016

Sonologic evaluation of cervix in pregnancy – when, how and in whom? NARCHI Workshop on Fetal Medicine, 21st October 2016

Clinical case based CTG interpretation, Annual Conference, AICC NZ RCOG, 9th September 2016


Abnormal FHR patterns in 1st and 2nd stage of labour, BOGS and ISOPARB CME, Baroda OG Society, 17th September 2016

Inverting the pyramid of care – time to adopt first trimester screening? Annual Conference, AOGD, 13th November 2016

Malformation related cases and management, Reproductive and Fetal Genomics Workshop, AIIMS, 10th December 2016

Editorial Boards Membership
Editor, Journal of Fetal Medicine (JOFM), since 2016
Professional Societies’ Positions
Co-Chairperson of Fetal Medicine and Genetics Subcommittee, Association of Obstetricians and Gynaecologists of Delhi (AOGD), 2015-2017

Executive committee member, Society of Fetal Medicine (SFM), 2016

Dr Deep Shikha Arora
Pathology, Indraprastha Apollo Hospitals, New Delhi

Professional Societies’ Positions
Country Advisor and for India and co-chair of the Learning and Professional Development (LPD) working group by The Royal College of Pathologists, UK

Dr (Prof) DK Agarwal
Nephrology, Indraprastha Apollo Hospitals, New Delhi

Publications

Dr Chaya Mahesh IMA Hapur Branch Oration on Medical Management of CKD, IMACGP Conference 2016 organized by IMA, Hapur, UP, 3rd September 2016

Orations

Renovascular Hypertension, Indian Medical Association, Moradabad, UP, 9th April 2016

Management of Diabetic Nephropathy, Indraprastha Apollo Hospitals, 11th September 2016

Management of CKD, IMA, Meerut, 15th October 2016

Diabetes and Diabetic Nephropathy, Hissar Haryana, 22nd October 2016

Editorial Boards Membership
Reviewer, BMJ article entitled ‘Diabetes Mellitus among HIV-infected individuals in a follow-up care at University of Gondor Hospital, Northwest Ethiopia’, July 2016

Reviewer, Immunology and Microbiology Journals article entitled ‘Comparison of the virulence of different Candida albicans samples isolated from HIV-positive patients and denture stomatitis lesions: In vitro and vivo tests’

Member of governing board of MCI / State Medical Council / autonomous medical institutions under Government of India
Member, Advisory Board meeting for strategies for prevention and management of CIAKI and role of contrast media in high risk patients with Dr (Prof) Claudio Ronco, New Delhi, 9th October 2016

Examinership
Examiner, Formative assessment in Nephrology, Max Hospital, Saket, New Delhi, January 2016

Dr DK Bhargava
Medical Gastroenterology, Indraprastha Apollo Hospitals, New Delhi

Orations
Dr PC Dandiya Oration, SMS Medical College, Jaipur, February 2016

Awards
Outstanding Alumnus Award during Seven Decade Celebration of SMS Medical College Jaipur, 29th December 2016
Dr G K Jadhav
Oncology, Indraprastha Apollo Hospitals, New Delhi

Publications


Dr Hitendra Garg
Gastroenterology and Hepatology, Indraprastha Apollo Hospitals, New Delhi

Publications

Lectures
Management of Post Liver Transplant Biliary stricture, 2nd CLBS Liver Symposium, 16th September 2016

Panellist in Management of Acute on Chronic Liver failure: A case base discussion, ISG, December 2016

Obesity and Liver disease, Indraprastha Apollo Hospitals, New Delhi, 3rd September 2016

Dr Kuldeep Singh
Plastic Surgery, Indraprastha Apollo Hospitals, New Delhi

Chapters contributed to text books

Publications
Rajat Thawani, Shishir Seth, Kuldeep Singh, Jayanta Patowary, Mano Bhadauria, Pratap Kishore Das, Two Cases of NK/T Cell Lymphoma Presenting as Chronic Rhinosinusitis, Indian Journal of Haematology and Blood Transfusion, July 2016

Lectures
Non-surgical rhinoplasty, Balancing the Face with Botox, Changing concepts of Nasolabial folds, Annual Conference of Indian Association of Aesthetic Plastic Surgeons, Kolkata, 29th – 30th April 2016

Editorial Boards Membership
Editor, Indian Journal of Burns, since November 2016

Awards
Visiting Professorship in Cosmetic Surgery, Association of Plastic Surgeons of India, since January 2016

Dr Meera Kharbanda
Anaesthesia, Indraprastha Apollo Hospitals, New Delhi

Presentations
Poster, An observational Study of the Predictive Value of Pre-Operative NTpro BNP Levels in Predicting Post-Operative Morbidity and Mortality in Patients Undergoing Orthotopic Liver Transplantation, International Liver Transplantation
Society (ILTS), 22nd International Congress, Seoul, Korea, 4th – 7th May 2016

**Dr Mohit Chowdhry**
Transfusion Medicine, Molecular Biology and Transplant Immunology

**Publications**


RN Makroo, Soma Agrawal, Mohit Chowdhry, Brinda Kakkar, Uday K Thakur, Efficacy of Single, Extended and Goal Directed Immunoadsorption in ABO Incompatible Living Related Donor Liver Transplantation, Transfusion and Apheresis Science, PubMed: 27742269, DOI: 10.1016/j.transci.2016.08.007, September 2016


RN Makroo, Sweta Nayak, Mohit Chowdhry, Sanjiv Jasuja, Gaurav Sagar, NL Rosamma, Uday K Thakur, Role of therapeutic plasma exchange in reducing ABO titers in patients undergoing ABO-incompatible renal transplant, Apollo Medicine, 13(1):31-36, 2016


**Presentations**
MICA antibodies in Renal Transplantation: TRG, Delhi Chapter, New Delhi, February 2016

**Lectures**
Decoding the double helix - Molecular Techniques at Medanta, Medicity Gurgaon - workshop under the aegis of Indian Society of Transfusion Medicine, 17th November 2016

**Dr (Prof) Narendra Nath Khanna**
Interventional Cardiology and Vascular Interventions, Indraprastha Apollo Hospitals, New Delhi

**Books Published**


Chapters contributed to text books

- History of Peripheral Vascular Interventions, Handbook of Interventions for Structural Heart and Peripheral Vascular Disease, First edition, Jaypee Brothers Medical Brothers (P) Ltd, 2016

- Renal Artery Stenting Techniques: Is it Still Indicated after STAR, CORAL and ASTRAL Study? Handbook of Interventions for Structural Heart and Peripheral Vascular Disease, First edition, Jaypee Brothers Medical Brothers (P) Ltd, 2016


- Takayasu Arteritis, Handbook of Interventions for Structural Heart and Peripheral Vascular Disease, First edition, Jaypee Brothers Medical Brothers (P) Ltd, 2016

- Critical Limb Ischemia, Handbook of Interventions for Structural Heart and Peripheral Vascular Disease, First edition, Jaypee Brothers Medical Brothers (P) Ltd, 2016

- Catheter-Directed Intra-Arterial Thrombolytic Therapy, Handbook of Interventions for Structural Heart and Peripheral Vascular Disease, First edition, Jaypee Brothers Medical Brothers (P) Ltd, 2016

- Thromboaspiration and Thrombectomy in Peripheral Vessels, Handbook of Interventions for Structural Heart and Peripheral Vascular Disease, First edition, Jaypee Brothers Medical Brothers (P) Ltd, 2016

- Aortic Aneurysm, Handbook of Interventions for Structural Heart and Peripheral Vascular Disease, First edition, Jaypee Brothers Medical Brothers (P) Ltd, 2016

- Acute Dissection of Aorta, Handbook of Interventions for Structural Heart and Peripheral Vascular Disease, First edition, Jaypee Brothers Medical Brothers (P) Ltd, 2016

- Endovenous Laser Therapy for Varicose Veins, Handbook of Interventions for Structural Heart and Peripheral Vascular Disease, First edition, Jaypee Brothers Medical Brothers (P) Ltd, 2016

- Interventional Management of Pulmonary Arteriovenous Fistula, Handbook of Interventions for Structural Heart and Peripheral Vascular Disease, First edition, Jaypee Brothers Medical Brothers (P) Ltd, 2016

- Pudendal Artery Stenting for Male Erectile Dysfunction, Handbook of Interventions for Structural Heart and Peripheral Vascular Disease, First edition, Jaypee Brothers Medical Brothers (P) Ltd, 2016

- Coarctation of Aorta, Handbook of Interventions for Structural Heart and Peripheral Vascular Disease, First edition, Jaypee Brothers Medical Brothers (P) Ltd, 2016

- Endovascular Cooling in STEMI, STEMI – A Cardiology Update, First edition, Jaypee Brothers Medical Brothers (P) Ltd, 2016


- Carotid Angioplasty and Stenting: State-of-the-Art, NIC Companion Book of Interventional Cardiology,
First edition, Jaypee Brothers Medical Brothers (P) Ltd, 2016

Endovascular Repair of Aortic Aneurysm, NIC Companion Book of Interventional Cardiology, First edition, Jaypee Brothers Medical Brothers (P) Ltd, 2016

Pudendal artery angioplasty for the treatment of erectile dysfunction in males, Charing Cross Abstract Book 2016, BIBA Medical, April 2016

Endovascular treatment of superior vena cava syndrome because of Central vein occlusion, Charing Cross Abstract Book 2016, BIBA Medical, April 2016

Interventional approach for management of acute deep vein thrombosis, Charing Cross Abstract Book 2016, BIBA Medical, April 2016

Percutaneous thromboaspiration and thrombolysis in massive pulmonary embolism – a series of 45 consecutive cases, Charing Cross Abstract Book 2016, BIBA Medical, April 2016

Endovascular Interventions for Takayasu Arteritis, CSI Cardiology Update 2016, Jaypee Brothers Medical Brothers (P) Ltd, 2016

Publications

NN Khanna, Suparna Rao, Pudendal Artery stenting for complex erectile dysfunction in males, Journal of Indian College of Cardiology (Special Supplement) (ISSN: 1561-8811), May 2016

NN Khanna, Suparna Rao, Modern day diagnostic imaging platform, Journal of Indian College of Cardiology (Special Supplement) (ISSN: 1561-8811), May 2016

NN Khanna, Suparna Rao, Takayas Arteritis – Brief Review, Journal of Indian College of Cardiology (Special Supplement) (ISSN: 1561-8811), May 2016

NN Khanna, Suparna Rao, Catheter Directed Thrombolytic Therapy and Endovascular Interventions for Acute massive Pulmonary Embolism, Journal of Indian College of Cardiology (Special Supplement) (ISSN: 1561-8811), May 2016

NN Khanna, Rini Pramesti, Suparna Rao, Juvenile Takayasu Arteritis, Journal of Indian College of Cardiology (Special Supplement) (ISSN: 1561-8811), May 2016

Presentations


Largest Series of Internal Pudendal Artery Stenting for Male Erectile Dysfunction – Interventional Cardiologist Invading the space of Urologist, Transcatheter Cardiovascular Therapeutics 2016, Washington, DC, USA, 29th October – 2nd November 2016

Indian Scenario of MI; Place of pharmacoinvasive approach in developing nations, Scale Heart 2016, Dubai, 4th November 2016

Case Presentation, Complex Cardiovascular Therapeutics, Kobe, Japan, 20th October – 22nd October 2016
International Joint Session/NIC@CCT2016: My most rewarding case - I would love to do it again, Complex Cardiovascular Therapeutics, Kobe, Japan, 20th October – 22nd October 2016

Updated Healthcare System in India, Asian Interventional Cardiovascular Therapeutics, Taipei, 23rd – 25th September 2016


How I do Aortic CTOs, Malaysia Live 2016, Kuala Lumpur, Malaysia, 28th – 30th July 2016

Takayasu Arteritis: Largest Interventional Series, Complex Cardiovascular Catheter Therapeutics, Orlando, Florida, 28th June – 1st July 2016


Role of Modern Imaging Platforms (IVUS, OCT) and Physiological Assessment by pFFR in PVI, 8th Asia Pacific Vascular Interventional Course / Fellow’s Course, New Delhi, 17th – 19th June 2016

Endovascular Management of RA Thrombus, 8th Asia Pacific Vascular Interventional Course / Fellow’s Course, New Delhi, 17th – 19th June 2016

Case 6: Device closure of aortic aneurysm - it really works, 8th Asia Pacific Vascular Interventional Course / Fellow’s Course, New Delhi, 17th – 19th June 2016

Case 15: Thrombectomy, CDTT and Stenting in CLI, 8th Asia Pacific Vascular Interventional Course / Fellow’s Course, New Delhi, 17th – 19th June 2016

Newer developments in SFA and Popliteal Intervention, 8th Asia Pacific Vascular Interventional Course / Fellow’s Course, New Delhi, 17th – 19th June 2016

Intervention in Takayasu Arteritis, 8th Asia Pacific Vascular Interventional Course / Fellow’s Course, New Delhi, 17th – 19th June 2016

Case 32: BVS in BTK Lesion: Is it the Future? 8th Asia Pacific Vascular Interventional Course / Fellow’s Course, New Delhi, 17th – 19th June 2016

A Patient With Thoracic Aneurysm Involving Arch Vessels: Case Description, 8th Asia Pacific Vascular Interventional Course / Fellow’s Course, New Delhi, 17th – 19th June 2016

A Patient With Thoracic Aneurysm Involving Arch Vessels: How Did I Treat, 8th Asia Pacific Vascular Interventional Course / Fellow’s Course, New Delhi, 17th – 19th June 2016

A Patient with Abdominal Aortic Aneurysm Involving mesenteric vessels: Case Description, 8th Asia Pacific Vascular Interventional Course / Fellow’s Course, New Delhi, 17th – 19th June 2016

A Patient with Abdominal Aortic Aneurysm Involving mesenteric vessels: How Did I Treat, 8th Asia Pacific Vascular Interventional Course / Fellow’s Course, New Delhi, 17th – 19th June 2016

Case 61: Acute DVT: Interventional Management, 8th Asia Pacific Vascular Interventional Course / Fellow’s Course, New Delhi, 17th – 19th June 2016

Simulation Workshop for Peripheral Interventions, 8th Asia Pacific Vascular Interventional Course / Fellow’s Course, New Delhi, 17th – 19th June 2016

Overview of Venous Interventions, 8th Asia Pacific Vascular Interventional Course / Fellow’s Course, New Delhi, 17th – 19th June 2016
Lessons learnt from largest series of EVLT in India, 8th Asia Pacific Vascular Interventional Course / Fellow's Course, New Delhi, 17th – 19th June 2016

Possible Interventional treatments, 8th Asia Pacific Vascular Interventional Course / Fellow's Course, New Delhi, 17th – 19th June 2016

Catheter Directed Thrombolytic Therapy and Percutaneous Thrombectomy, 8th Asia Pacific Vascular Interventional Course / Fellow's Course, New Delhi, 17th – 19th June 2016

Juvenile Takayasu Arteritis, 8th Asia Pacific Vascular Interventional Course / Fellow's Course, New Delhi, 17th – 19th June 2016

Pudendal Artery Stenting for Male Erectile Dysfunction, 8th Asia Pacific Vascular Interventional Course / Fellow's Course, New Delhi, 17th – 19th June 2016

Simulation Workshop for Peripheral Interventions, 8th Asia Pacific Vascular Interventional Course / Fellow's Course, New Delhi, 17th – 19th June 2016

APVS technician / nurses programme, 8th Asia Pacific Vascular Interventional Course / Fellow's Course, New Delhi, 17th – 19th June 2016


Endovenous laser therapy by laser blast technique for treating varicose veins – experience of one of the largest series of 6018 patients, Charing Cross Symposium, London, UK, 26th – 29th April 2016


Exciting Developments in AV Access, CIDAAP, Delhi, 10th December 2016

Erectile Dysfuction: Role of cardiologist, 68th Annual Conference of Cardiological Society of India, Kochi, 8th – 11th December 2016

Miscellaneous: Case Presentation, 68th Annual Conference of Cardiological Society of India, Kochi, 8th – 11th December 2016

Carotid Angioplasty through Radial Route, 68th Annual Conference of Cardiological Society of India, Kochi, 8th – 11th December 2016

Radial: It works but there is work to be done! 68th Annual Conference of Cardiological Society of India, Kochi, 8th – 11th December 2016

Non STEMI: Emerging role of Biseprolol, Cardio-Thyroid symposium, Delhi, 20th November 2016
Male Impotence (erectile dysfunction): do cardiologist have a cure? Indian Society of Cardiology Meeting, Lucknow, 30th September – 1st October 2016

What is New in Peripheral Interventions 2016? Annual Conference of Indian College of Cardiology, Goa, 16th – 18th September 2016

AAA - Where are we and what is ahead? TCT India Next 2016, New Delhi, 5th – 7th August 2016

Coffee with Gregg Stone, TCT India Next 2016, New Delhi, 5th – 7th August 2016

Orbital Atherectomy, TCT India Next 2016, New Delhi, 5th – 7th August 2016

Increasing head and neck tumors and Orthopedic Risks in Interventional Cardiologists? – Film - Dark side of the moon, TCT India Next 2016, New Delhi, 5th – 7th August 2016

I beg your pardon - DCB is the way to go, TCT India Next 2016, New Delhi, 5th – 7th August 2016

Debate 3 - Femoro-politeal disease - What is the best treatment? (Rebuttal), TCT India Next 2016, New Delhi, 5th – 7th August 2016

Traditional Tumescence Based Thermal Ablations, and Novel Non-Thermal, Non-Tumescence (NT, NT) Endovenous, TCT India Next 2016, New Delhi, 5th – 7th August 2016

Case with a Twist, TCT India Next 2016, New Delhi, 5th – 7th August 2016


Which Lesion Should we Select, EIICCON 2016, Kolkata, 25th – 26th June 2016


USG Guided Access for Peripheral CTOs, EIICCON 2016, Kolkata, 25th – 26th June 2016


EuroPCR @ NIC: A Patient with Left Main and Additional Multivessel Disease, CSI – NIC Mid Term Meet 2016, HICC, Hyderabad, 15th – 17th April 2016

Panel Discussion on Rivaroxban in Vascular Disorders, AF 2016 Revolution Conclave, New Delhi, 10th April 2016

Lectures
Peripheral Vascular Interventions – New Speciality for Interventional Cardiologists, Winthrop University Hospital, New York, USA, 3rd November 2016

Honorary Professor at Winthrop University, New York, USA / Cardiology Grand Rounds, 3rd November 2016

Editorial Boards Memberships
Editor, Journal of Indian College of Cardiology, since 2014

Editor, Asia Intervention, since 2015

Editorial Advisor, Indian Heart Journal, since 2014

Editor, Special Supplement of Journal of Indian College of Cardiology, since 2015

Editor, Quarterly Journal of Angiology, since 2007
Editor, Peripheral Vascular Disease – Indian Heart Journal, since 2016

Guest Editor, Special Issue on Interventional Cardiology – Indian Heart Journal

Guest Editor, Special Issue on Peripheral Vascular Intervention – Journal of Indian College of Cardiology

Professional Societies’ Positions
Chairman, National Interventional Council (NIC), Cardiological Society of India, 2016 – 2017

President, International Society of Endovascular Specialists (ISEVS – Indian Chapter), since 2016

Chairman, Asia Pacific Vascular Society, since 2009

Vice President, Indian College of Cardiology, 2014 – 2016

Board Member, Asian Interventional Cardiovascular Therapeutics, 2016 – 2018

Board Member, Asia Pacific Society of Interventional Cardiology, 2016 – 2018

Treasurer, Governor and Founding Member, Endovascular Interventional Society of India, since last 13 years

Vice President, Facts Foundation, since 2015

Examinership
Examiner for PACES - Membership of Royal College of Physicians (UK) – Kolkata, April 2016

Examiner for Diplomate National Board of Examination (Cardiology), 12th June 2016

Examiner for Diplomate National Board of Examination (Cardiology), 22nd – 24th April 2016

NBE Assessor for Accreditation for FNB Interventional Cardiology and DNB Cardiology: Madras Medical Mission, December 2016

Awards
Merit India’s Most Prominent Health Care Awards – 2016, 23rd October 2016

Dr Nidhi Gupta
Neuroanaesthesia, Indraprastha Apollo Hospitals, New Delhi

Chapters contributed to text books
Cerebral Vasospasm, Complications in Neuroanesthesia, Elsevier Inc. (USA), 2016
Venous Thromboembolism, Complications in Neuroanesthesia, Elsevier Inc. (USA), 2016

Publications
Dr Nidhi Gupta, Intensive care management of status epilepticus, Journal of Neuranaesthesiology and Critical Care, 3:83-95, 2016

Lectures
Role of Cerebral Microdialysis in Traumatic Brain Injury, DNACON 2016, 18th Annual Conference of Delhi Neurological Association and 14th Neuro Nurses Forum, BLK Hospital, New Delhi, 23rd – 24th January 2016


PRO - CON Session: PRO - Sedative premedication is contraindicated in children posted for elective neurosurgery, AIIMS Neuroanaesthesia Update 2016, New Delhi, 30th September – 2nd October 2016

Neuromonitoring, Neuromonitoring Workshop - ISACON 2016, Neuromonitoring Workshop conducted during 64th Annual National Conference
of Indian Society of Anaesthesiologists, Ludhiana, 26th November 2016


**Dr P K Das**
Haemato Oncology, Indraprastha Apollo Hospitals, New Delhi

**Publications**
Two cases of NK/T cell Lymphoma presenting as Chronic Rhino sinusitis, Indian Journal of Haematology and Blood Transfusion, page 21-28, July 2016

Primary renal cell lymphoma: Case report, diagnosis and management, Indian Journals of Medical and Paediatric oncology, July 2016

**Presentations**


Poster, Etopic Midline Thyroid Malignancy with Absolutely Normal Orthotopic Thyroid - a rare case report, 30th NATCON IASO 2016, Jodhpur, 23rd – 25th September 2016

**Lectures**
Speaker, Peritoneal carcinomatosis in CRC - is a chemotherapeutic domain, Genome 2016, 3rd International Oncology Summit, Abu Dhabi, UAE, 21st September 2016

Speaker, Bespoke Surgery for Breast Cancer, 4th International Oncology Conference, Abu Dhabi, UAE, 30th September 2016

Speaker, Cancer and Genetics: a Surgeons Perspective, 1st Advanced skills-based course in Genetics ‘CANTALK’, New Delhi, 30th April 2016

**Dr Pushpendra Nath Renjen**
Neurology, Indraprastha Apollo Hospitals, New Delhi

**Publications**

Mahir Memon, Pushpendra Nath Renjen, Dinesh M Chaudhari, A lesion to learn: Stroke mimics, Apollo Medicine, Volume 13, Issue 1, Pages 42–45, March 2016

Dinesh M Chaudhari, Pushpendra Nath Renjen, Mahir Memon, Statins and stroke, Apollo Medicine, Volume 13, Issue 1, Pages 6–9, March 2016

Pushpendra Nath Renjen, Dinesh M Chaudhari, Mahir Memon, Hormone use and stroke, Apollo Medicine, Volume 13, Issue 1, Pages 2–5, March 2016


Pushpendra N Renjen, Dinesh Chaudhari, Vasanthi Namala, Central pontine and extrapontine myelinolysis, Apollo Medicine, Volume 13, Issue 4, Pages 220–223, December 2016

**Lectures**
Post Stroke Cognitive Impairment: Delhi Perspective, Brain Ageing Dementia in LMICs organized by WFN Dementia Research Group in Nairobi, Kenya, 6th – 9th December 2016
Management of spasticity, Delhi Chapter of Neuro-Rehab Society, 29th November 2016

Neurology of renal disorders, 24th Annual National Conference of Indian Academy of Neurology (IANCON2016) at Kolkata, 10th November 2016

Medical and Surgical Management of Parkinson disease, Nigeria, 23rd September 2016

Acute Management of Stroke, Association of Physician Amritsar, 19th September 2016

Cerebrovascular disorders complicating pregnancy, Neurology of Pregnancy Symposium organized by Indraprastha Apollo Hospitals New Delhi, 25th August 2016

NOAC in AF, organized by Indraprastha Apollo Hospitals New Delhi, 16th July 2016

Medical and Surgical Management of Parkinson disease, Jawaharlal Nehru Hospital and Research Centre (Bhilai), 1st May 2016

Management of Stroke, Jawaharlal Nehru Hospital and Research Centre (Bhilai), 1st May 2016

Should newer AED’s be used for first line treatment of Epilepsy? Teaching programme (ECD – Experience the Clinical Debate) organized by API Jalandhar, 24th April 2016

Microbleeds and IV thrombolysis, 18th Annual Conference of Delhi Neurological Association (DNACON-2016) and 14th Annual Conference of Delhi Nurses Association (DNNA) organized by BLK Super Speciality Hospital New Delhi, 23rd – 24th January 2016

Stroke Mimics - Neuro Update, organized by Choithram Neurosciences Society IMA Indore Branch, Indore, MP, 9th January 2016

Editorial Boards Memberships
Journal of the Indian Medical Sciences Academy, since 1996

Professional Societies’ Positions
President, Delhi Medical Association (DNA), 2016 – 2017

Member EC, European Stroke Association, 2016 – 2017

Examinership
Appraiser FMGE, National Board of Examination, since 2015

Dr Rajendra Prasad
Neurosurgery, Indraprastha Apollo Hospitals, New Delhi

Orations
Decreasing the impact of Road Traffic Trauma, 3rd Anant Memorial Oration, Safdarjung Hospital, Delhi, 10th December 2016

Lectures
Reducing the Morbidity and Mortality from Trauma by improving pre-hospital care, triaging skills and disaster management, Medical symposium organized by Indraprastha Apollo Hospital, Hindalco Ltd, Renukoot, Varanasi, 21st February 2016

Post-Traumatic Syringomyelia (PTS), Webinar on Spine Trauma organized on behalf of Delhi Spine Society, 5th March 2016

Neuro Rehabilitation, 1st AO Neuro Trauma Course in India, AO International, Mumbai, 27th May 2016

Neuro Rehabilitation Activities - Assistive Technology, WHO Regional Meet on Disability Prevention and Rehabilitation, Jakarta, Indonesia, 27th July 2016

Acute Spinal Cord Injuries and Neuro rehabilitation following Natural Disasters like earthquakes,

Neurosurgery and Neuro-Rehabilitation, Guest Speaker at Rotary Club, 25th November 2016

Editorial Boards Membership
Ad-hoc reviewer for British Journal of Neurosurgery

External reviewer, WHO Recommendations for "Rehabilitation Service Delivery and Financing" (WHO – Head office Geneva), August – September 2016

Professional Societies’ Positions
Temporary Adviser to the Regional Director: Expert Group on Disability Prevention and Rehabilitation, World Health Organization, since July 2016

Dr Rajesh Taneja
Urology, Andrology and Robotic surgery, Indraprastha Apollo Hospitals, New Delhi

Publications
Taneja S, Taneja R, Kashyap V, Jha A, Jena A, 68Ga-PSMA, Uptake in Hepatocellular Carcinoma, Clinical Nuclear Medicine, 7th September 2016


Lectures
Convened and chaired the annual Symposium of the North Zone Urological Society of India on Bladder Pain Syndrome, Agra, 15th October 2016


Conducted and chaired the first faculty meeting of Global Interstitial Cystitis Bladder Pain syndrome society (GIBS), Mumbai, 30th April – 1st May 2016

Co Hosted and participated as associate course director and demonstrated live three cases of Holmium Laser Enucleation of Prostate (HoLEP) during live operative workshop at the Holmium Training class, Rainbow Hospital, Agra, 23rd – 24th April 2016


Moderated a panel discussion, Baldder Symposium with visiting international faculty, New Delhi, 17th December 2016

Plenary lecture, Role of Adrenergic system in pathogenesis of Bladder Pain Syndrome, Annual Conference of International Society of Study of Intertitial Cystitis, under the banner of ESSIC, New Delhi, 17th – 19th November 2016

Why do Treatments Fail for BPS, Annual Conference of International Society of Study of Intertstitial Cystitis, under the banner of ESSIC, New Delhi, 17th – 19th November 2016

Convened and moderated a workshop session, Investigations in a suspected case of BPS, The Annual Conference of International Society of Study of Intertstitial Cystitis, under the banner of ESSIC, New Delhi, 17th – 19th November 2016

Chaired a session, Interpretation of Urodynamic graphs during an International symposium on Urodynamics, Delhi, 14th November 2016

Chaired a session, Uro oncology, Conference of Robotic Surgeons Council of India Meeting, Mumbai, 12th November 2016

Talk, Role of Robotic Surgery in large Renal Tumors, Conference of Robotic Surgeons Council of India, Mumbai, 12th November 2016
Guest lecture, Andropause - is it for real? The convention hosted by the Rotary Club, New Delhi
Chaired a session, live operative workshop, The Annual Conference of the North Zone Chapter of Urological Society of India, Agra, 13th – 15th October 2016

Chaired a session, Therapy for Localised Cancer of Prostate, Uro-oncology Meeting, Medanta the Medicity, 17th September 2016

Faculty for Holmium Laser Enucleation of Prostate (HoLEP), The First UROMET-R, a Simulation based hands on training programme for trainee residents under the aegis of Urological Society of India, Gurgaon, 16th – 18th September 2016

Chaired and convened the first Conference of Global Interstitial Cystitis Bladder Pain Society at Mumbai, 27th – 28th August 2016

Chaired a live operative workshop session at Pereniocon, two day reconstructive urology workshop, RML Hospital, New Delhi, 30th July 2016

Hosted and conducted as Course Director, the 'Holmium Training class' where in eleven live Endourological Holmium Laser procedures were demonstrated over two days, 23rd – 24th July 2016, Indraprastha Apollo Hospitals, New Delhi
Talk, Diabetes Mellitus and Erectile Dysfunction, group meeting in New Delhi, 21st May 2016

Role of Robotic Surgery in Urology, the meeting organised by IMA Meerut, 18th May 2016

Demonstrated live three cases of Holmium Laser Enucleation of Prostate (HoLEP) during live operative workshop at the Holmium Training class, held at Rainbow Hospital, Agra, 23rd – 24th April 2016

Talk, Instrumentation in HoLEP during the Holmium training class, Agra, 23rd – 24th April 2016

Talk, Difficult case of HoLEP, the Holmium training class, Agra, 23rd – 24th April 2016

Talk, Erectile dysfunction and Diabetic mellitus, International Webinar in collaboration of European Society of Sexual Medicine, New Delhi, 10th April 2016

Talk, Boari Flap reconstruction of ureter following hysterectomy, CME held at Indraprastha Apollo Hospitals, New Delhi, 10th April 2016

Plenary talk, Robotic assisted reconstruction of lower ureter, Robotic Surgeons Council of India, New Delhi, 7th – 9th April 2016

Chaired a session, Training and utilisation of Robotic surgery staff, Robotic Surgeons Council of India, New Delhi, 7th – 9th April 2016

Chaired a session, Interpretation of Urodynamics Graphs, a UroGynecology Masterclass, Gurgaon, 3rd April 2016

Panellist, clinical case discussion, National Robotic Urologists Forum, Mumbai, 2nd April 2016

Chaired a session, Post prostatectomy Incontinence, Masterclass in Uro Oncology and International live operative workshop, North Zone Urological Society of India, New Delhi, 26th – 27th March 2016

Hosted and convened, Delhi Urological Society monthly meeting, on behalf of Indraprastha Apollo Hospitals, New Delhi, 26th March 2016

Talk, Role of Robotic Surgery in Renal Cell Carcinoma, Annual Convention of IMA SDB, 17th January 2016

Presentations
Role of anti muscarinics in management of OAB, presented to the Urology Advisory Board meeting, New Delhi, 30th July 2016
Phantom Pain after Robotic Cystoprostatectomy for Bladder Pain Syndrome, the International Conference on Bladder Pain Syndrome, ESSIC, New Delhi, 17th – 19th November 2016

Therapeutic trial of oral Pentosan Poly Sulphate in post TURP syndrome, the International Conference on Bladder Pain Syndrome, ESSIC, New Delhi, 17th – 19th November 2016


A video on Robotic assisted En Bloc Excision of Lower Ureteric Mass, North Zone Chapter of Urological Society of India, Agra, 13th – 15th October 2016

A poster on Robotic assisted management Giant Angiomyolipoma of kidney, North Zone Chapter of Urological Society of India, Agra, 13th – 15th October 2016


**Editorial Boards Membership**

British Medical Journal Case reports, since 2012

European Journal of Obstetrics Gynaecology and Reproductive Biology, since 2009

Scientific Reports, since 2014

Archives of Clinical Nephrology and Management, since 2011

Indian journal of Urology, since 2002

Indian Journal of Medical Research, since 2012

**Professional Societies’ Positions**

Secretary Scientific Programme, Organising committee, Robotic Surgeons Council of India, New Delhi, 7th – 9th April 2016

**Dr Raju Vaishya**

Orthopaedics, Indraprastha Apollo Hospitals, New Delhi

**Publications**


conferencespot.org/61513-aaos-1.2968416/t002-1.2975366/f002-1.2975367/a071-1.2975448/paper-886-1.2975479

Vaishya R, Vijay, Singh H, Agarwal AK, Arthroscopic retrieval of a bullet from the knee, Apollo Medicine, 13(2); 127-132, 2016


Vaishya R, Agarwal AK, Azizi T, Vijay V, Osgood Schlatter’s disease (a review article), Cureus, 8(9): e780, DOI 10.7759/cureus.780, 2016

Rai B, Vaishya R, Singh R, Bone regeneration following open segmental fracture forearm bone with extruded middle segment, Cureus, 8(9):e772, DOI10.7759/cureus.772, 2016


Presentations
Paper, Cartilage lesions of the knee-Autologous Chondrocyte Implantation (ACI), DOACON 2016, New Delhi, DOI: 10.13140/RG.2.2.28332.46729, November 2016

Paper, Bilateral simultaneous TKR in patients greater than 70 years, 10th ISKSAA Global Meet, New Delhi, November 2016

Paper, Challenges in Revision TKR, 10th ISKSAA Global Meet, New Delhi, DOI: 10.13140/RG.2.2.11981.23524, November 2016

Paper, Patient specific instruments for TKR, ISKSAA Global Meet, New Delhi, November 2016

Paper, Management of clinically important Gram positive MDRO in skin, soft tissue and bone infections, Workshop of Indian Association of Medical Microbiologists, New Delhi, DOI: 10.13140/RG.2.2.26721.9200, November 2016

Paper, Patient specific instruments v/s conventional instruments for TKR, IAA Conference, New Delhi, November 2016

Paper, Current practices variation in the management of ACL injuries amongst Orthopaedic surgeons of Delhi, Annual Conference of Indian Arthroscopic Society, Kolkata, DOI: 10.13140/RG.2.2.13448.01285, October 2016

Paper, Does CT scan based technology for patient specific blocks provide correct size measurements for knee implants in TKA? 37th SICOT Orthopaedic World Congress, Rome, September 2016

Paper, Is measurement of mechanical axis on radiographs an art and comes with experience? 37th SICOT Orthopaedic World Congress, Rome, September 2016


Paper, Transient osteoporosis of the hip: a forgotten entity, 37th SICOT Orthopaedic World Congress, Rome, September 2016

Paper, Is a single stage revision safe for infected Total Knee Arthroplasty? A systematic review, 37th SICOT Orthopaedic World Congress, Rome, September 2016
Paper, Obesity related joint problems, Obesity update, Apollo Hospital, New Delhi, September 2016

Paper, Bilateral simultaneous TKR in patients above 70 years of age, 5th MAMC arthroscopy and Arthroplasty update, New Delhi, September 2016

Paper, Comparative study of intra-articular injections for knee OA, ICS event, New Delhi, DOI: 10.13140/RG.2.1.1940.2489, August 2016

Paper, Interesting cases, MSK imaging, DOA event, New Delhi, August 2016

Paper, Surgical approaches for primary TKA, 1st Delhi Arthroplasty Course, Sports Injury Centre, New Delhi, (DOI: 10.13140/RG.2.1.5164.4403), July 2016

Paper, Post-operative complications of TKR, 1st Delhi Arthroplasty Course, Sports Injury Centre, New Delhi, July 2016

Paper, Outcomes of lateral end clavicle fractures, MIDCON, New Delhi, July 2016


Paper, Choice of bearings for high risk hip dislocators, AAOS 2016 highlights, National Webcast, Mumbai, April 2016

Paper, Simultaneous Bilateral Total Knee Arthroplasty in elderly greater than 70 years old, AAOS, Orlando, USA, March 2016

Paper, Salvage of aggressive Giant Cell Tumour of Bones (GCTB) with Denosumab, AAOS, Orlando, USA, (DOI: 10.13140/RG.2.1.3162.4722), March 2016

Editorial Boards Membership
Indian Journal of Orthopaedics, since 1st January 2016

Journal of Clinical Orthopaedics and Trauma, since 1st January 2015

Asian Journal of Arthroscopy, since 1st October 2016

Apollo Medicine, since 1st January 2015

BMC Musculoskeletal Disorders, since 1st June 2014

Journal of Pain Management and Medicine, since 1st July 2016

World Journal of Orthopaedics, since 1st January 2016

Professional Societies’ Positions
Secretary, Indian Cartilage Society, 2013 – 2017

Executive Committee Member, Delhi Orthopaedic Association, 2015 – 2018

Examinership
Diplomat of National Board, since 2015

Awards
Shiksha Ratan Award, Gajra Raja Medical College, Gwalior, August 2016

Dr Ramji Gupta
Dermatology, Indraprastha Apollo Hospitals, New Delhi

Publications
**Dr Reetika Dawar**
Microbiology, Indraprastha Apollo Hospitals, New Delhi

**Publications**
M Matlani, T Shende, V Bhandari, R Dawar, R Sardana, R Gaind, Linezolid-resistant mucoid Staphylococcus haemolyticus from a tertiary-care centre in Delhi, New microbes and New Infections, Volume 11 Number C, 57–58, May 2016


Reetika Dawar, Daram Nagarjuna, Rakesh Gupta, NP Ghonge, Raman Sardana, Actinobacillus ureae - an unusual cause of Tree in bud pattern in a case of pneumonia on Lung CT scan, First clinical case report and Review of literature from India, New Microbes and New Infections, Volume 14 Number C, 69–72, November 2016


**Lectures**
Human disease and the environment , 5th Global Congress on Environmental Microbiology, USA, 30th November 2016

Preventing development / Selection of MDRO, MICRO-D-CON 2016 IAMM DC Pre Conference Workshop, Indraprastha Apollo Hospitals, 17th November 2016

**Editorial Boards Membership**
Gavin Journal of Case Reports, since 8th December 2016

**Examinership**
Clinical microbiology part-1 DMLT, Vardman Mahavir Medical College and Safdarjung Hospital, New Delhi, 21st November 2016

Clinical microbiology part-2&4 DMLT, Vardman Mahavir Medical College and Safdarjung Hospital, New Delhi, 28th – 29th April 2016

**Dr R N Makroo**
Transfusion Medicine, Molecular Biology and Transplant Immunology, Indraprastha Apollo Hospitals, New Delhi

**Publications**
NR Makroo, S Nayak, M Chowdhry, S Jasuja, G Sagar, NL Rosamma, UK Thakur, Role of therapeutic plasma exchange in reducing ABO titers in patients undergoing ABO -incompatible renal transplant Journal Scan: Therapeutic plasma exchange in...
patients with neurologic diseases: Retrospective multicenter study, Apollo Medicine, Volume 13, Issue 1, Pages 31-36, March 2016

Raj Nath Makroo, Brindra Kakkar, Mohit Chowdhry, Sweta Nayak and Aakanksha Bhatia, Retrospective analysis of perioperative transfusion requirements in living renal transplantation Transfusion and Apheresis Science, online publication, 2016

RN Makroo, S Nayak, Mohit Chowdhry and Prashant Karna Facts and Fallacies of Kidd Antibodies: Experience in a Tertiary Care Hospital in North India, Indian Journal of Haematology and Blood Transfusion Published online, 4th May 2016

RN Makroo, Soma Agrawal and Mohit Chowdhry, Rh and Kell Phenotype Matched Blood Versus Randomly Selected and Conventionally Cross Matched Blood on Incidence of Alloimmunization, Indian Journal of Haematology and Blood Transfusion Published online, 5th July 2016


RN Makroo, S Agrawal, M Chowdhry, R N L Prevalence of malaria in blood donors from tertiary care centre in North India SP422, Transfusion - Vol. 56 No. 4S, September 2016 Supplement

Professional Societies’ Positions
President, Indian Society of Transfusion Medicine (ISTM), for three years, since 2016

Dr Rohini Handa
Rheumatology, Indraprastha Apollo Hospitals, New Delhi

Chapters contributed to text books
Handa R, Low Back Pain-Introduction and Epidemiology, Monograph on Backache, Ed. Gauri LA, Publisher - Indian College of Physicians, Mumbai, pp. 11-20, 2016


Publications


Lectures
Engaging with South Asian Community in Rheumatology Care, British Society for Rheumatology's Annual Conference, Rheumatology 2016, Glasgow UK, 26th – 28th April 2016

Case based discussion: RA-When joints take a back seat!, The Science and Art of treating Gout in 2016, 49th Annual Academic Sessions of the Ceylon
College of Physicians, Colombo, Sri Lanka, 22nd - 24th September 2016

Sessions chaired, Treat to target in SLE, What antibodies tell us about the clinical phenotype in inflammatory myopathies? 18th Asia Pacific League of Associations for Rheumatology Congress - APLAR 2016, Shanghai, China, 26th – 29th September 2016

Talk, Societal impact of RA-Adding another dimension to a multidimensional disease, 18th Asia Pacific League of Associations for Rheumatology Congress - APLAR 2016, Shanghai, China, 26th – 29th September 2016

Role of TNF inhibitors in IMIDs (RA, AS and PsA) - From Bench to Bedside, Bangladesh Rheumatology Society and Bangabandhu Sheikh Mujib Medical University (BSMMU), Dhaka, Bangladesh, 6th November 2016


Panellist and Moderator, Making of a Diagnosis in Rheumatology: Intuition, Investigations or Pattern Recognition, 71st Annual Conference of the Association of Physicians of India, Hyderabad, 28th – 31st January 2016


Pre-clinical Rheumatoid Arthritis, Delhi Rheumatology Association Update 2016, New Delhi, 21st February 2016

Autoantibodies in Rheumatic Diseases: Ordering judiciously and interpreting rationally, PGIMER and RML Hospital, New Delhi, 16th March 2016

Session chaired, Pain Medicine: an upcoming Speciality (Speaker - Dr Madhujeet Gupta), PSRICON-2016, Pushpawati Singhania Research Institute CME in association with Indian College of Physicians and API-Delhi State Chapter, New Delhi, 20th March 2016

Rheumatoid Arthritis: Diagnosis and Management in 2016, Indian College of Physicians Peripheral CME, Silchar, 9th – 10th April 2016

Management of inflammatory arthritides, Rheumatology Update, Punjab Institute of Medical Sciences, Jalandhar, 17th April 2016

Spondarthritides: Dilemmas in Clinical practice, Guest Lecture at Hindu Rao Hospital, New Delhi, 23rd April 2016

A decade plus of biologics - Where are we now? Association of Physicians of India Noida Chapter Rheumatology Meeting, Noida, 8th May 2016

Plagiarism in the era of Modern Medicine, Physicians Research Foundation Research and Publication (PRFRAP) Workshop, New Delhi, 14th – 15th May 2016

Preclinical RA - Identification and Implication, Super Speciality Experts’ Conclave in Rheumatology, Patna, 22nd May 2016

Talk, Management of Psoriatic arthritis, 2nd PGCON and Dermazone North, PGI Chandigarh, 15th – 17th July 2016
Panellist, Panel Discussion on Biologics and Biosimilars, 2nd PGCON and Dermazone North, PGI Chandigarh, 15th – 17th July 2016

Biologics in RA: Fact file for the interns, Rheumatology Update, PGIMER and RML Hospital, New Delhi, 28th July 2016


Talks, 1. Investigations in Rheumatology: Order rationally, interpret wisely 2. Spondarthritis-Case based discussion, Rheumatology Workshop, Christian Medical College, Ludhiana, 17th September 2016

Psoriatic Arthritis - at the cross roads of Dermatology and Rheumatology, PGI Dermatology Alumni Foundation, PGI Chandigarh, 17th September 2016

RA in the era of Biologics - What should internists know? 3rd Annual Conference of the Malwa Branch of Association of Physicians of India, Bhatinda, 18th September 2016

Gout and other Rheumatic disease associations with Type 2 DM, UP Diabetes Association Conference (UPDACON), Ghaziabad, 1st – 2nd October 2016

Connective tissue diseases: From concept to management, XXVII Annual Conference of API Delhi State Chapter, 15th – 16th October 2016


Session chaired: IRA Oration by VS Negi, 32nd Annual Conference of Indian Rheumatology Association - IRACON 2016, Kochi, 24th – 27th November 2016


Cocktail and sequential Therapeutic strategies in Psoriasis, National CME on Biologics in Dermatology, Base Hospital, New Delhi, 3rd – 4th December 2016

Steroids, DMARDs or Biologics in Rheumatoid Arthritis - When to use what? Annual Conference of Association of Physicians of India, Haryana State Branch - HAPICON-2016, Gurgaon, 24th – 25th December 2016

**Editorial Boards Membership**

Member Editorial Board, Clinical Rheumatology, since 2010

Member Editorial Board, Current Rheumatology Reports, since 2010

Member Advisory Board, Journal of Association of Physicians of India, since 2000

Member Editorial Board, Indian Journal of Rheumatology, since 2000

Advisor Editorial Board, African Journal of Rheumatology, since 2013

Section Editor Rheumatology, API Text Book of Medicine, 11th edition, since 2016

**Professional Societies’ Positions**

Dean Elect, Indian College of Physicians, 2016
Examinership
PhD Examiner, University of Pune, 2016

Dr Ruquaya Mir
Oncology, Indraprastha Apollo Hospitals, New Delhi

Publications
Neuroendocrine tumour of CBD, European Journal of Biomedical and Pharmaceutical Science 2016, 3:4

Dr Sapna Manocha Verma
Oncology, Indraprastha Apollo Hospitals, New Delhi

Publications


Dr Sapna Nangia
Radiation Oncology, Indraprastha Apollo Hospitals, New Delhi

Lectures
Contouring targets and OARs for organ confined prostate cancer: The Whys and Hows, 38th National Meeting of the Association of Radiation Oncologists of India, AROICON 2016, Bhubaneswar, November 2016

Panellist, Tumour Board: Case Based Learning Early Laryngeal Cancer, Meeting International Forum of Head and Neck Oncology Societies (IFHNOS), Delhi, October 2016

Hepatocellular Carcinoma with Portal Vein Tumour Thrombus - The Role of External Beam Radiotherapy, 2nd CLBS Liver Symposium on Advances in Adult and Paediatric Liver Transplantation, New Delhi, September 2016


Panellist, Management of Locally Advanced Carcinoma Cervix, 12th International Conference of the Asian Clinical Oncology Society, New Delhi, April 2016

Presentations

Dr Sohani Verma
Obstetrics and Gynaecology, Indraprastha Apollo Hospitals, New Delhi

Orations
From Advancing Science to Ensuring Prevention – The Reproductive Toxins, Indian Fertility Society Annual National Conference 2016, Lucknow, 10th December 2016

Lectures
Individualizing Ovarian Stimulation Protocol, Key Note Lecture at National Annual Conference Workshop, Lucknow, 9th October 2016
Genetics and Male Infertility, 10th World Congress of International Society of Men's Health, Delhi, 26th – 28th February 2016

DHEA in POF, 22nd IFFS World Congress, Greater Noida, Delhi NCR, 23rd September 2016

Primary Ovarian Insufficiency, 30th AICC RCOG Annual Conference, Primary Ovarian Insufficiency, Chennai, 30th September 2016


Controversies in PGD Screening, GOAL 2016 – National Conference by ICOG and FOCSI, Delhi, 9th – 10th April 2016

**Professional Societies’ Positions**

National President, Indian Fertility Society, 2015 – 2017

Chairperson, International Professional Society – RCOG UK North Zone India, 2012 – 2017

**Dr Subhash Kumar Wangnoo**

Endocrinology, Indraprastha Apollo Hospitals, New Delhi

**Chapters contributed to text books**


**Publications**


Wangnoo SK, Type 2 Diabetes Management Algorithms? Diabetes Technology and Therapeutics, Volume 18, Number 5, DOI: 10.1089/dia.2016.0050, 2016


**Lectures**

Hyperprolactinemia- management issues. Annual conference of the Endocrine Society of India (ESICON 2016), Delhi, 21st – 23rd October 2016

GLP-1 receptor agonists - are they changing the rules of the game? Annual conference of RSSSDI Delhi Chapter, Delhi, 9th October 2016

Combining GLP-1 receptor agonists with insulin-therapeutic rationales and clinical findings. 10th National Insulin Summit 2016, Delhi, 20th August 2016

Gestational Diabetes Mellitus and its management, Gynaecology-Endocrine Summit, Delhi, 13th - 14th August 2016

Diabetic Dyslipidemia, Lipid Certification Course - Endorsed by International Atherosclerosis Society, Lipid Association of India, Delhi, 3rd - 5th August 2016

GLP-1 analogues - where do we place them in therapy? Dr Mohan's International Diabetes Update 2016, Chennai, 30th July 2016

Pharmacotherapy of obesity - which one to choose? 5th Annual conference of Integrated Diabetes and Endocrine Academy Conference (IDEACON 2016), Kolkata, 10th July 2016
Dyslipidemia Management in Metabolic Syndromes and Diabetes, Brainstorming meet for the Consensus statement for the management of dyslipidemia in Indian population in (special groups) Part II, Lipid Association of India, Delhi, 1st May 2016

Insulin Therapy – By Choice or an inevitability, DAIBCON- Annual Conference of Delhi Diabetes Forum, Delhi, 9th - 10th April 2016

Recent advances in management of type 2 DM-focus on SGLT2 inhibitors, Delhi Medical Association Conference, Delhi, 5th April 2016

Metabolic Women’s Sleep: From the Cradle to the Hot Flash, SLEEPCON 2016 - Conference of The Indian Sleep Disorders Association, Delhi, 25th – 27th March 2016

Role of CGMS in management of GDM, Annual Conference of Diabetes in Pregnancy Study group India - DIPSI 2016, Delhi, 20th – 21st February 2016

GLP-1 analogs - what the future holds: hope or hype? 15th International Symposium of Diabetes, Mumbai, 9th – 10th January 2016

Editorial Boards Membership
Diabetes Technology and Therapeutics, till December 2016

Diabetes and Metabolic Syndrome: Clinical Research and Reviews, till December 2016

Awards
Fellowship of American College of Endocrinology, May 2016

Dr Sundeep Upadhyaya
Rheumatology-Immunology, Indraprastha Apollo Hospitals, New Delhi

Publications
IRACON - Abstract -Correlation of trough drug levels and disease activity measures in infliximab treated patients with Spondyloarthritis: A cross sectional analytical study, Indian Journal Rheumatology, Volume 11(supplement), Issue 5, Pages 22, October 2016

Archives of Rheumatology-letter to editor: An unusual case of Giant Cell arteritis with monoarthritis and orchitis at presentation

Lectures
Approach to the evaluation and management of rheumatoid arthritis, API - UP chapter, Gorakhpur, September 2016

Complicated arthritis - Management, API-UPICON, Allahabad, October 2016

Long term drug freee clinical-remissions (cr) in patients with rheumatoid arthritis on cdmards followed prospectively at a single rheumatology clinic in northern india over three years, Euro-Immunology, International Conference (5th European Immunology Conference), Berlin, July 2016

Lecture-Debate-Gout, Delhi Rheumatology Association, Annual Symposium, New Delhi, Feb 2016

Disease modification in Sjogren's syndrome - Is this possible? IRACON - Indian Rheumatology Association Annual Conference, Kochi, November 2016

Controversies in Rheumatology, DMACON and HOSPICON 2016, Delhi Medical Association, 59th Annual Delhi State Medical Conference

Dr Sushma Prasad Sinha
Obstetrics and Gynaecology, Indraprastha Apollo Hospitals, New Delhi

Publications
Dr Sushma Sinha, Gonadotropin alone is a better drug for ovarian stimulation than in combination

**Lectures**
Surgical Management of Recurrent Implantation Failure, 22nd IFFS World Congress, 22nd September 2016


**Professional Societies’ Positions**
Vice-President, Indian Fertility Society, 2016-2018

**Dr Tarun Sahni**
Internal and Hyperbaric Medicine, Indraprastha Apollo Hospitals, New Delhi

**Publications**
Dr Tarun Sahni, Case report: Treatment of Bone Marrow Edema of femoral head with Hyperbaric Oxygen Therapy, Elsevier, Apollo Medicine, 2016

**Lectures**
Hyperbaric Therapy for Diabetic Foot - Right Therapy for Right Disease, Indian Podiatry Association, New Delhi, April 2016

Complementary and Alternative medicine, FICCI North East Healthcare Summit, Guwahati, July 2016

Regional Scientific meeting on HBOT and Podiatry, Mumbai, July 2016

Role of Hyperbaric Oxygen in Modern Hospital Practice, Paras Hospital, Gurgaon, August 2016

Physician Approach to Obesity, Obesity Update, Indraprastha Apollo Hospitals, New Delhi, September 2016

Regional Scientific Meeting on Hyperbaric and wound care (10th Annual Conference of society for wound care and Research), Amritsar, October 2016

Role of Hyperbaric Oxygen Therapy in Clinical Practice, Vadodara, December 2016

Medical Update – Hyperbaric Oxygen Therapy, Indraprastha Apollo Hospital (Hyperbaric Society of India), Delhi, December 2016

Session Chaired, President: (Regional Scientific Meeting) Hyperbaric Society of India, Mumbai, July 2016

**Examinership**
External Examiner: University Sains Malaysia (USM), School of Medical Sciences, Malaysia, 10th November 2016

**Professional Societies’ Positions**
Founder and President, Hyperbaric Society of India, since inception in year 1999

**Dr Urmil Sharma**
Obstetrics and Gynaecology, Indraprastha Apollo Hospitals, New Delhi

**Books Published**
Dr K B Sharma, Dr Urmil Sharma, Wellness is the Key to Happiness, released by His Excellency Shri Hamid Ansari, Vice President of India at AIIMS Auditorium, 16th December 2016

**Lectures**
Cervical Cancer, The Forum of Obstetricians and Gynecologists, South Delhi, IHC New Delhi, 25th June 2016

Ethical Practices, Doctors Day Celebrations, Association of Obstetricians and Gynaecologists of Delhi (AOGD), GB Pant Auditorium New Delhi, 1st July 2016

38th Annual Conference of Association of Obstetricians and Gynaecologists of Delhi (AOGD), New Delhi, 12th – 13th November 2016
Various measures for preventing Cancer, Oncology cultural programme for Breast Cancer awareness, 15th October 2016

Preventive Oncology, Annual Zonal Conference of Indian Menopause Society, May 2016

**Professional Societies’ Positions**
Patron, Association of Obstetricians and Gynaecologists of Delhi (AOGD)
President, Delhi Gynaecologist Forum

**Dr Vikas Gogia**
Anaesthesia, Indraprastha Apollo Hospitals, New Delhi

**Awards**
Travel award from ILTS for oral presentation selected for plenary session in ILTS 2016, Chicago, June 2016

**Dr Vikram Mahajan**
Anaesthesia, Indraprastha Apollo Hospitals, New Delhi

**Presentations**

**Dr V P Singh**
Neurosurgery, Indraprastha Apollo Hospitals, New Delhi

**Publications**
Neuroendocrine tumour of CBD, European Journal of Biomedical and Pharmaceutical Science 2016, 3:4

**Professional Societies’ Positions**
Secretary, Neurological Society of India, 2015 - 2017

President, Indian Society of Cerebrovascular Surgery, 2016 - 2017

**Dr Vipul Vijay**
Orthopaedics, Indraprastha Apollo Hospitals, New Delhi

**Publications**


Vaishya R, Krishnan M, Vijay Vijul, Agarwal AK, A Rare Combination of Complex Elbow Dislocation and Distal Radial Fracture in Adults, Cureus, 8(11):e868, 8th November 2016


Vaishya R, Azizi AT, Agarwal AK, Vijay Vipul, Apophysitis of the Tibial Tuberosity (Osgood-Schlatter Disease): A Review, Cureus, 8(9):e780, 13th September 2016


Vaishya R, Kapoor C, Agarwal AK, Vijay Vipul, A Rare Presentation of Ganglion Cyst of the Elbow, Cureus, 8(7):e665, 1st July 2016


Vaishya R, Agarwal AK, Gupta N, Vijay Vipul, Chronic Lymphedema of the Lower Limb: A Rare Cause of Dislocation of Total Hip Arthroplasty, Cureus, 8(4):e579, 20th April 2016


Vaishya R, Agarwal AK, Vijay Vipul, An Unusual Cause of Fever in a Patient with Total Hip Replacement, Cureus, 8(2):e496, 14th February 2016


Vaishya R, Agarwal AK, Gupta N, Vijay Vipul, Fibrocartilaginous Dysplasia of the Bone: A Rare Variant of Fibrous Dysplasia, Cureus, 8(1):e448, 5th January 2016

Lectures
Revision hip and knee arthroplasty, Indian Arthroplasty Association 2016, 4th - 6th November 2016

Editorial Boards Membership
Clinics in Surgery (Podiatry), October 2016

Awards
International Travelling Arthroscopy Fellowship 2016, July 2016
Awarded by the European Society of Sports Traumatology, Knee Surgery and Arthroscopy, July 2016

Dr Yash Gulati
Joint Replacement and Spine Surgery, Indraprastha Apollo Hospitals, New Delhi

Member of task forces of Government of India or State Governments
Honorary Surgeon to Honorable President of India, 2016

Awards
Dr B C Roy National Award, 2016

Dr Yatinder Kharbanda
Orthopaedics, Indraprastha Apollo Hospitals, New Delhi

Publications


Lectures
40th Annual Conference of UP Orthopaedic Association, 12th – 14th February 2016
Course Chairman, Revision Knee and Hip – Cadaveric Course (Stryker) HIHT- Jolly Grant Hospital, Dehradun, 23rd – 24th April 2016

Revision Knee and Hip Cadaveric Course (Stryker) MS Ramaiah University of Applied Sciences, Bangalore, 1st – 2nd October 2016

13th Annual Conference of Indian Arthroplasty Association, New Delhi, 4th – 6th November 2016

GUWAHATI

Dr Tonmoy Das
Nephrology, Apollo Hospitals, Guwahati

Lectures
Speaker, AKI CON Guwahati organized by Dr Mitul Bora, MD, DM (AIIMS) from IHL under NE Nephrology symposium, July 2016

HYDERABAD

Dr Arshed Hakeem
Head and Neck Oncology, Apollo Hospitals, Jubilee Hills

Publications
Clinical outcome of surgical treatment of T1-2 N0 squamous cell carcinoma of oral tongue with observation for the neck - Analysis of 176 cases, Annals of Maxillofacial Surgery, December 2016


Phrenic nerve palsy as initial presentation of large retrosternal goitre, Indian Journal of Surgical Oncology, Volume 7, Issue 4, pp 460–463, December 2016


Dr Azeez Asad
Cardiology, Apollo Hospitals, Jubilee Hills

Publications
Manoj Kumar Agarwala, Azeez Asad, Naveen Gummadi, Sunder Chidambaram and J Venkateswaralu, Bilateral Spontaneous Carotid artery dissection managed with endovascular stenting – a case report, Indian Heart Journal, Volume 68, Pages S69-S71, 1st September 2016

Dr Chandrasekhar Chevuturu
Vascular Surgery, Apollo Hospitals, Jubilee Hills

Publications

Dr Chinna Babu S
Surgical Oncology, Apollo Hospitals, Jubilee Hills

Awards
Limca World record and Guiness World record for screening Pap smears and Breast self examination on a single day

Dr C Rajesh Reddy
Neurology, Apollo Hospitals, Jubilee Hills
**Clinical Excellence**

**Telemedicine**

**CSR**

**Academics**

**Recognition**

**Research**

**Our Footprints**

**Achievements**

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**Publications**

Isolated vision loss and Neurological cause, Journal of Evolution of Medical and Dental Sciences, 5th edition, August 2016

**Dr Hemanth Vudayaraju**

Surgical Oncology, Apollo Hospitals, Jubilee Hills

**Publications**


Case Report – Meckel’s Diverticulum (Gastrointestinal Stromal tumors) – Rare Case Reports, Acta Medical International, pg 188-194, 3rd February 2016

**Dr Hima Bindu Rallabandi**

Histopathology, Apollo Hospitals, Jubilee Hills

**Publications**


**Dr J Venkateswaralu**

Cardiology, Apollo Hospitals, Jubilee Hills

**Publications**

artery dissection managed with endovascular stenting – a case report, Indian Heart Journal, Volume 68, Pages S69-S71, 1st September 2016

**Dr Kalal Iravathy Goud**

Molecular Medicine, Apollo Hospitals, Jubilee Hills

**Publications**


Kalal Iravathy Goud et al, Screening of Glioma Patients for 1p/19q region with Flourescent Probes, MOJ Immunol 2016, 4(3):00132

**Dr Kaushik Bhattacharya**

Radiation Oncology, Apollo Hospitals, Jubilee Hills

**Lectures**

National Lung Cancer Conference in Bhubaneswar, February 2016

AP State AROICON in Vizag, Nov 2016

Cancer CI / Apollo Cancer Conclave, Hyderabad, February 2016

Varian user meeting, Delhi, September 2016

National AROIEON, Bhubaneswar, November 2016

**Dr Kishori Dabade**

Histopathology, Apollo Hospitals, Jubilee Hills

**Publications**


**Dr K J Reddy**

Orthopaedics, Apollo Hospitals, Jubilee Hills

**Lectures**

Faculty, AO Recon - Arthroplasty division of AO Education, Switzerland, 2016
Professional Societies’ Positions
President, Telangana Orthopaedic Surgeons Association (TOSA), 2016
Board Member, Arthroplasty Surgeon in Asia (ASIA), 2016
President, Indian Arthroplasty Association, 2016

Editorial Boards Membership
Journal reviewer, Indian Journal of Orthopaedics, Arthroplasty Section, 2016
Journal reviewer, SICOT Journal, Arthroplasty Section, 2016

Awards
Best paper award for "Two stage revision for infected TKR" (Original), IAACON 2016, New Delhi, November 2016

Dr Karthik Pingle
Orthopaedics, Apollo Hospitals, Jubilee Hills

Lectures
Faculty, Joint Replacement Masters Course, Taiwan, March 2016

Dr Manoj K Agarwala
Cardiology, Apollo Hospitals, Jubilee Hills

Publications
Manoj K Agarwala, Sunder Chidambaram, Naveen K Gummadi, Coronary Artery dissection following chest trauma, Heart India, Vol 4, Issue 1, (31-32), 2016

Dr Meenakshi Swain
Histopathology, Apollo Hospitals, Jubilee Hills

Publications

Dr Namita Singh
Neuropsychology, Apollo Hospitals, Jubilee Hills

Publications

Lectures
Guest speaker, Psychology department Osmania University in Hyderabad, 6th October 2016
Guest speaker, Employees of corporate companies as Honeywell, 2016
Guest speaker, GVK-Bio Secunderabad for employees, 8th June 2016
Guest speaker, Graphic Era Hill University for MBA Students, Dehradun, Uttarakhand, India, 27th July 2016 and 1st August 2016

Awards
Certificate of Appreciation by Google for outstanding contribution in reviewing accuracy of medical information for various clinical conditions, January 2016
Dr Naveen K Gummadi  
Cardiology, Apollo Hospitals, Jubilee Hills

Publications  
Manoj K Agarwala, Sunder Chidambram, Naveen K Gummadi, Coronary Artery dissection following chest trauma, Heart India, Vol 4, Issue 1, (31-32), 2016

Manoj Kumar Agarwala, Azeez Asad, Naveen Gummadi, Sunder Chidambram and J Venkateswaralu, Bilateral Spontaneous Carotid artery dissection managed with endovascular stenting – a case report, Indian Heart Journal, Volume 68, Pages S69-S71, 1st September 2016

Dr Rooma Sinha  
Gynaecology, Apollo Hospitals, Jubilee Hills

Publications  


Lectures  
Robotic Myomectomy , All India Congress of Obstetrics and Gynaecology AICOG, Agra, January 2016

Fertility Enhancing Surgery - Role of Minimally Invasive Surgery, First State University of Moscow, Moscow, February 2016

Reshaping the future of surgery- ROBOTICS, Technology Conference by “EmTech”, New Delhi, March 2016

Fertility Enhancing Surgery - Role of Robotics, Robotic Surgeons Council Meeting, New Delhi, April 2016

Minimally Invasive Surgery for Myomectomy - Laparoscopy compared to Robotic assistance, Robotic Surgeons Council Meeting, New Delhi, April 2016

Robotic Myomectomy - master Class, AAGL- IAGE, Mumbai, June 2016

AUB – Management in clinic /outpatient, Apollo CME, Hyderabad, May 2016

Management of Hyperandrogenism - Role of OCP, Apollo CME faculty, Hyderabad, May 2016

Changing the future of surgery, FICCI, Hyderabad, May 2016


Robotic assisted Myomectomy and Laparoscopic Myomectomy - A comparison Study, Society of Laparoscopic Surgeons (SLS) - MIS Week, Boston, September 2016

Hybrid Myomectomy - A series of 21 cases, Society of Laparoscopic Surgeons (SLS) - MIS Week, Boston, September 2016


Moderator for panel on Endometriosis, Matrika ISOPARB, Hyderabad, December 2016

Moderator on Fibroid Uterus, Telangana State Conference, Khamam, December 2016

Dr Sanjai Addla  
Neurology, Apollo Hospitals, Jubilee Hills

Publications  
Jelley, R Singh, H Bardgett, SK Addla, Partial nephrectomy: Comparison of open and robotic
techniques in a single centre Clare, Journal of Clinical Urology, August 2016


Presentations


Learning curve of Robotic NSS: using different Nephrometry scores Robotic Surgeons Council of India meeting, Mumbai, November 2016

Dr Sanjay Sinha
Urology, Apollo Hospitals, Jubilee Hills

Publications


Lectures
Rectus Fascia Sling, USI National Conference, Hyderabad, January 2016

Low cost SUI Surgery, USI National Conference, Hyderabad, January 2016

Choice of Surgery for Stress Incontinence, Moscow First State University, Moscow, February 2016

Demonstrated SUI Surgery, Live Operative Workshop, SGPGIMS, Lucknow, March 2016

Choice of Surgery for Stress Incontinence, SGPGIMS North Zone, USI teaching programme, Lucknow, March 2016

Complications of Stress incontinence surgery, SGPGIMS North Zone, USI teaching programme, Lucknow, March 2016

Management of Neurogenic Bladder, RKM Seva Pratishthan, Kolkata, April 2016

Botulinum toxin for Neurogenic Bladder, Apollo Hospital, Hyderabad, June 2016

Moderator for Panel Discussion on Stress Incontinence, AAGL, Mumbai, June 2016

Nocturnal Polyuria Symposium, South Zone, Urological Society of India, Puducherry, July 2016

Moderator for Panel on Bladder Dysfunction, South Zone, Urological Society of India, Puducherry, July 2016

Frequency volume chart, Urological Society of India Teaching Program, Pune, November 2016
Diagnostic approach to Neurogenic Bladder, Urological Society of India Teaching Program, Pune, November 2016

Practice of Urodynamics, Fortis Hospital, New Delhi, November 2016

Neurogenic Bladder, Sacral Neuromodulation, Osmania Medical College, Hyderabad, December 2016

Male Infertility, Matrika, Hyderabad, December 2016

**Editorial Boards Membership**
Member, International Urogynecology Journal, since 2007

Member, Indian Journal of Urology, since 2010
Member, Current Bladder Dysfunction Reports, since 2011

**Dr Sudha Ranganathan**
Transfusion Medicine, Apollo Hospitals, Jubilee Hills

**Lectures**
Bridging the gap between transfusion medicine physicians and Clinicians, 5th National Conference of the Indian Society of Transfusion medicine (ISTM), Bhopal, 17th – 20th November 2016

**Dr Sudhir Kumar**
Neurology, Apollo Hospitals, Jubilee Hills

**Chapters contributed to textbook**
Sudhir Kumar, Subhash Kaul, Approach to a patient with hemiplegia and monoplegia, Progress in Medicine, Vol XXX; published by the Association of Physicians of India, Mumbai

**Publications**

Sudhir Kumar, Chenna Rajesh Reddy, Subhashini Prabhakar, Bilateral putaminal necrosis in a comatose patient with metabolic acidosis, Indian Journal of Critical Care Medicine, 20:745-8, 2016

**Lectures**
Investment options for Neurologists, Annual conference of Indian Academy of Neurology, Kolkata, November 2016

Management of acute ischemic stroke, eStroke Academy, Organized by Association of Physicians of India and Indian College of Physicians, New Delhi, September 2016

**Editorial Boards Membership**
International Journal of Neurology and Neurosurgery

**Dr Sunder Chidambaram**
Cardiology, Apollo Hospitals, Jubilee Hills

**Publications**
Manoj K Agarwala, Sunder Chidambaram, Naveen K Gummadi, Coronary Artery disseciton following chest trauma, Heart India, Vol 4, Issue 1, (31-32), 2016

Manoj Kumar Agarwala, Azeez Asad, Naveen Gummadi, Sunder Chidambaram and J Venkateswaralu, Bilateral Spontaneous Carotid artery dissection managed with endovascular stenting – a case report, Indian Heart Journal, Volume 68, Pages S69-S71, 1st September 2016

**Dr Swarnalata Gowrishankar**
Histopathology, Apollo Hospitals, Jubilee Hills

**Publications**

M Sahay, PS Vali, K Ismal, S Gowrishankar, MD Padua, M Swain, An unusual case of nephrotic
syndrome, Indian Journal of Nephrology, 26(1) 55-57, 2016


**Dr Tejal Modi**
Histopathology, Apollo Hospitals, Jubilee Hills

**Publications**

**Dr Umanath K Nayak**
Head and Neck Oncology, Apollo Hospitals, Jubilee Hills

**Publications**


**Dr Vanajakshi S**
Haemato-Pathology, Apollo Hospitals, Jubilee Hills

**Publications**

**Lectures**
A comparison of Auto-Diff and Manual Diff Leukocyte count in Leukopenic samples, Haem@2016 – Conclave, CMC Vellore, 26th - 27th February 2016

**Dr Vimee Bindra**
Gynaecology and Obstetrics, Apollo Hospitals, Jubilee Hills

**Books Published**
Dr Vimee Bindra, A to Z of PCOS - Illustrated self help guide for women, Notionpress, December 2016

**Chapters contributed to text books**

**Lectures**
Laparoscopic Myomectomy, Yuva FOGSI West Zone, Rajkot, 6th March 2016

**Presentations**
Poster, Female Genital Mutilation Using Myrrh – a case report, RCOG World Congress 2016, 19th June – 22nd June 2016

Poster, Total Laparoscopic Hysterectomy for Large Uteri – Specimen Retrieval through Mini-lap Suprapubic Incision, RCOG World Congress 2016, 19th June – 22nd June 2016

**Publications**
Vimee Bindra, MS, K Prameela Sekhar, DNB Apollo Health City, Hyderabad, India, Total Laparoscopic Hysterectomy for Large Uteri – Specimen Retrieval through Mini-lap Suprapubic Incision, BJOG Supplement, June 2016
HYDERGUDA

Dr V Surya Prakasa Rao
Interventional Cardiology, Apollo Hospitals, Hyderguda

Professional Societies’ Positions
Founder Member and Course Director of IJCTO

Lectures
C.T.O – a different ball game, TCT India Live, February 2016

Retrograde bail out procedure, NIC, Kochi, April 2016

HYBRID Approach to CTO-PCI, ICC, Goa, September 2016

HYBRID Approach to CTO-PCI, NIMS, Hyderabad, May 2016

Complex PCI Rotablator, CSI – Mysore Chapter, November 2016

Retrograde CTO PCI Tips and Tricks, Kaveri Hospital, February 2016

IJCTO – Antegrade, CTO-PCI Wiring, June 2016

IVUS Guided Proximal Cap puncture in CTO – PCI, MMM, Chennai

Live CTO PCI Proctor, Malankara Orthodox Syrian Church Medical College, Kolenchery, Cochin, 31st October 2016

Chair Person, CTO PCI Antegrade Approach Session, 20th CCT Koba, Japan

Live Case transmission to C3 Conference, Orlando, USA, 29th June 2016

Complex CTO, PCI-Antegrade and Retrograde, Indus Hospital Vizag, March 2016

Retrograde PCI, Kavery Hospital, Chennai, February 2016

LMCA Stenting, Sentini Hospital, Vijayawada, February 2016

Commentator, Live Cases, CTKOBA, Japan, 22nd October 2016

CTO – PCI, Workshop, Apollo Hospitals, Bangalore, 9th November 2016

Awards
Honored as the 1st Indian to be a Cathlab Advisor in CCT 2016, Razuwakai Marumachi Hospital, Kyoto City, Japan

INDORE

Dr Ashish Chhajed
Urology, Apollo Hospitals, Indore

Presentations
Comparative study of conventional Pcnl (24 Fr) by serial metallic dilators vs one step Amplatz dilatation for simple (2-4 cms) renal calculus - A single surgeon experience, Ashish Chhajed, World Congress of Endo-urology at Cape Town, South Africa, November 2016

Dr Kshitij Dubey
Cardiac Surgery, Apollo Hospitals, Indore

Presentations
Poster, Dr Kshitij Dubey, Dr K Roshan Rao, Dr Sarita Rao, Dr Sushil Jain, Dr Vikas Gupta, Mr MV Krishna Mohan, A Case presentation: How we dealt with an 80 year / Female with Multiple comorbidities and having Aortic Arch and Descending Thoracic Aortic aneurysm utilizing a hybrid approach, Inaugural Conference of Society of Minimally Invasive Cardiovascular and Thoracic Surgeons of India conducted by Payasuni Charitable Trust, New Delhi, 6th – 7th August 2016
Poster, Dr Kshitij Dubey, Dr Sushil Jain, Dr Vikas Gupta, Mr MV Krishna Mohan, Minimally Invasive Aortic Valve Replacement – Our Experience, Inaugural Conference of Society of Minimally Invasive Cardiovascular and Thoracic Surgeons of India conducted by Payasuni Charitable Trust, New Delhi, 6th – 7th August 2016

**Dr Sunil Rajan**
Orthopaedics, Apollo Hospitals, Indore

**Lectures**
Faculty, Annual conference of central zone of Indian Orthopaedic Association, September 2016

**JAYANAGAR**

**Dr Sharath Kumar G G**
Radiology, Apollo Hospitals, Jayanagar

**Lectures**
Novel MRI imaging of Sensory motor stripe in brain death, European Society of Radiology Annual conference, Vienna, Austria, ECR, 1st – 5th March 2016


Intracranial Dural AVF presenting as rapidly progressive dementia, IANCON Kolkata, 10th – 13th November 2016

Conventional Cerebral Angiogram, 26th Karnataka Radiographers and Allied Medical Sciences, KIMS Bangalore, 7th January 2016

Guest speaker and Chairperson for 27th annual conference of Indian Society for Paediatric Neurosurgery, Bangalore, 1st – 3rd October 2016

Imaging in Movement disorder and Epilepsy, KNACON 2016 – Kalaburgi, 30th January 2016

Faculty – speaker on Carotid endovascular intervention, 3rd Apollo Neuropupdate, 4th December 2016

**Editorial Boards Membership**
Founder Member, BNET (Bangalore Neuro Education Trust)

Lifetime Member, Movement Disorder Society of India

Lifetime Member, Karnataka Neurosciences Academy

Lifetime Member, Bangalore Neurological society

Founder Member, “Indian Society of Vascular Interventional Radiology-ISVIR” -Karnataka chapter

**KOLKATA**

**Dr Anjan Bhattacharya**
Developmental Paediatrics, Apollo Gleneagles Hospitals, Kolkata

**Publications**
Anjan Bhattacharya, Screening and Diagnosis of Developmental Dyspraxia, Indian Journal of Growth, 12-14, June 2016


Anjan Bhattacharya (2nd Author), Screening of Eating Disorders in Children, Indian Journal of Growth, Development and Behavioural Paediatrics, 15-20, June 2016
Anjan Bhattacharya, Neurobiology of Autism Spectrum Disorder, IAP Chapter of Neurodevelopmental Paediatrics, 20-29, October – December 2016


Anjan Bhattacharya (3rd Author), A Case Control Study on Macro Nutrients Intake of Children with Autism Spectrum Disorder, Indian Journal of Nutrition, 1-4, August 2016

Anjan Bhattacharya, General aspect of ethics in submission of any clinical research project, Forum for Ethics Review Committees in India and International Colloquium FERCIC, 31, November 2016

Anjan Bhattacharya (2nd Author), Modern Rehabilitation Approaches for Patients with Cerebral Palsy, Indian Journal of Growth, Development and Behavioural Paediatrics, Vol.12; No.2:2016, 24-28, December 2016

Lectures
Polio Endgame and IPV Introduction in India: Critical Role of Medical Professionals, Gateway, Kolkata
UNICEF and Unite for Children, INDIA with IAP, 6th March 2016
Development for All, Cradle to Crayons and Beyond, ICH, Kolkata, IAP Presidential Action Plan, 12th March 2016
Competition by Special Needs Children, Rabindratritha, Kolkata, SrijonShova NGO, 29th March 2016
How to design a study by Dr Tripathi, Apollo Gleneagles Hospital, Kolkata, Child Development Centre, 15th April 2016

The Newly Developmental Course set of ICF (Cerebral Palsy), Dubai, OMICS, 18th – 19th April 2016

5th International Conference of Cerebral Palsy (ICPC), 28th Annual Meeting of the European Academy of Childhood Disability (EACD), 1st Meeting of the International Alliance of Academic of Childhood Disability (IAACD), Karolinska Instituted and Waterfront conference Centre Stockholm Sweden Patron of the Conference Her Royal highness Crown Prince's Victoria, 2nd June 2016

Cradle to Crayon and beyond course (Training of the trainer’s course), Topics: Normal Development 0-6yr and Emotional Intelligence in children, Down Town Hospital – Guwahati IAP (Presidential Action plan 2016), 19th June 2016


National Annual Academic Conference of Developmental Paediatric Chapter of IAP, Mumbai and Chapter Neuro Developmental Paediatric, 1st and 2nd October 2016

What is Autism? NIPER Kolkata, Jadavpur University, 8th October 2016

Retts syndrome Drug Trial (Star Study), Singapore 10 Scott Road, Quintile, 18th and 19th October 2016

Nursing responsibilities in managing a child with CP, Apollo Gleneagles Hospital, Kolkata and Apollo Gleneagles Nursing College, 8th November 2016

Investigators Perspective on Ethical concerns in Vaccine Trials, Calcutta school of Tropical Medicine FERCI con, 3rd November 2016

Cradle to Crayon, Dibrughar Medical College, IAP, 2nd December 2016
AICP Annual Conference, Sagar Hospital and DayananSagar University, AICP, 24th - 27th November 2016

Autumn CME, Kolkata, 28th August 2016

Annual National Conference the Growth Development Behavioural Paediatric, JashwantraoChawan Academic for Development Administration, GDBP Chapter of IAP and IAP, 10th – 11th December 2016

Cradle to Crayon, SCB Medical College Cuttack, IAP Brach, 18th December 2016

Editorial Boards Membership

Professional Societies’ Positions
Vice president, Medico Legal Group Indian Academy of Paediatrics (National), 2013 - January 2017
Joint Secretary, Growth, Development, Behavioural Paediatric chapter of IAP (National), 2015 - September 2017
Treasurer, Neuro Developmental Paediatric Chapter, IAP, 2015 - September 2017

Examinership
Invigilator, MRCPCH (UK), RCPCH (UK), January 2016
Examiner, DCH (UK), IPPC, August 2016

Dr Arindam Pande
Cardiology, Apollo Gleneagles Hospitals, Kolkata

Chapters contributed to text books


Application of Stem Cell Therapy in Cardiovascular Disease: Current Status, Cardiology Update, Jaypee Brothers Medical Publishers (P) Ltd, February 2016, 1419-27

Cardiac Resynchronization Therapy: Past, Present and Future, Cardiology Update, Jaypee Brothers Medical Publishers (P) Ltd, February 2016, 536-45

Implantable Cardioverter - Defibrillators in STEMI, STEMI Update, Jaypee Brothers Medical Publishers (P) Ltd, February 2016

Publications
S Patra, RN Chakraborty, A Pande, S Banerjee, M Jena, Aftab Khan, Prakash Chandra Mandal, Debashish Ghosh, Swapan Kumar De, Sankha Subhro Das, Raja Nag, Zotarolimus eluting Resolute Integrity versus Everolimus eluting Xience Xpedition stents in the management of very long (>30mm) de novo coronary artery stenosis, Cardiovascular Revascularisation Medicine, December 2016


Arindam Pande, Soumya Patra, Debabrata Bera, Prakas Chandra Mandal, Rabin Chakraborty, Subcutaneous ICD: where do we stand? Heart India, 4(2), 50-55, June 2016

Rabin Chakraborty, Soumya Patra, Suvro Banerjee, Arindam Pande, Aftab Khan, Prakash Chandra Mandal, Debashish Ghosh, Swapan Kumar De, Sankha Subhro Das, Raja Nag, Outcome of everolimus eluting bioabsorbable vascular scaffold (BVS) compared to non BVS drug eluting stent in the management of ST - segment elevation myocardial infarction (STEMI) – a comparative study, Cardiovascular Revascularisation Medicine, 17(3), 151-4, May 2016

**Lectures**
Coronary venous angioplasty for CRT-D LV lead placement, TCT, Washington, October 2016

Coronary venous angioplasty for CRT-D LV lead placement, AICT, Taipei, Taiwan, September 2016

A Complex Primary PCI of Distal Left Main - Double Guide and Triple Kissing, Trans Catheter Therapeutic Asia Pacific (TCTAP), Seoul, Republic of South Korea, April 2016

Blunt traumatic dissection of RCA: Effective management by IVUS guided angioplasty, NIC Mid-Term, Hyderabad, April 2016

**Awards**
1st place winner: TCT International Fellows Challenging Case Presentation, Washington, October 2016

Best case presentation award, TCTAP 2016, Seoul, Republic of South Korea, April 2016

**Dr Amitabha Ghosh**
Neurology, Apollo Gleneagles Hospitals, Kolkata

**Publications**

**Lectures**
Frontotemporal Dementias, TSS Srinivasan Knowledge Conclave, NIMHANS, Bengaluru, February 2016

Clinical and Genetic Correlation in Dementia, Annual Conference of the Indian Academy of Neurology, November 2016

Distinctive clinical and genetic patterns seen in frontotemporal dementias in Indian patients, 5th International Conference on Recent Advances in Cognition and Health, Banaras Hindu University, Varanasi, December 2016

**Professional Societies’ Positions**
Member, Cognitive Science Research Initiative Task Force, Department of Science and Technology, Govt. of India, since 2013

**Examinership**
MRCP (UK) PACES

**Dr (Prof) Biswanath Mukhopadhyay**
Paediatric Surgery, Apollo Gleneagles Hospitals, Kolkata

**Publications**

Kartik Chandra Mandal, Pankaj Halder, Shibsankar Barman, Rajarshi Kumar, Biswanath Mukhopadhyay, Intragastric pressure: useful indicator in the management of congenital diaphragmatic hernia, Journal of Indian Association of Paediatric Surgeons, 21(4): 175-177, 2016


Dr Mahesh Kumar Goenka
Gastroenterology, Apollo Gleneagles Hospitals, Kolkata

Publications
Goenka MK, Goenka U, Rai VK, Tiwary IK, Endoscopic management of walled off necrosis complicated by colo-cystic fistula, Gastrointestinal Endoscopy (Video GIE) 2016


Lectures
Non Variceal GI Bleed - Role of Injection, coagulation, clips and spray during ENDOCON 2016, Annual meeting of Society of GI Endoscopy of India (SGEI), Mumbai, April 2016

Acute pancreatitis, GLOW 2016, Kolkata, May 2016

Advance in Endoscopy, Tropical Medicine CME, Kolkata, June 2016

Paediatric Endoscopy, Paediatric Association of WB CME, Kolkata, March 2016

Acute pancreatitis and approach to patient with cirrhosis, CME organized by Apollo Gleneagles Hospitals, Kolkata, August 2016

Dr Manas Chakrabarti
Gynaecological Oncology, Apollo Gleneagles Hospitals, Kolkata

Chapters contributed to text books

Publications


**Dr Punit Sharma**

Nuclear Medicine and PET/CT, Apollo Gleneagles Hospitals, Kolkata

**Publications**


Sharma P, 18F-FDG PET/CT Demonstrating Malignant Degeneration of a Uterine Fibroid, Clinical Nuclear Medicine, 41(10):e441-2, October 2016

Sharma P, Late metastatic recurrence of penile carcinoma after 10 years: Demonstration with (18)F-fluorodeoxyglucose positron emission tomography/computed tomography, Indian Journal of Nuclear Medicine, 31(3):204-6, July - September 2016


**Lectures**

PET-CT in management of tuberculosis, AMRICON-Nuclear Medicine Update 2016, 22nd May 2016

PET-CT in Oncology, Apollo Autumn CME, 26th August 2016

PET-CT in Neurology, Apollo Autumn CME, 28th August 2016


68Ga-DOTA PET-CT in pheochromocytoma, Society of Nuclear Medicine India Annual Conference 2016, 19th November 2016

PET-CT in acute medicine, 3rd Eye, critical care imaging conference and CT workshop, 20th November 2016

**Editorial Board Memberships**

Editorial Board Member, Indian Journal of Nuclear Medicine, since 2015

**Professional Societies’ Positions**

General Secretary, Society of Nuclear Medicine India, Eastern Chapter, May 2016 – April 2018

**Awards**

Membership of Indian College of Nuclear Medicine, 17th November 2016

Fellowship of European Board of Nuclear Medicine, 30th April 2016

**Dr Saikat Sengupta**

Anaesthesiology, Apollo Gleneagles Hospitals, Kolkata
Publications

Lectures
Evidence and consensus based guideline for the management of delirium, analgesia, and sedation in intensive care medicine, Update on Evidence based guidelines in Critical Care, Kolkata, August 2016

Transdermal Drug Delivery System and Acute Postoperative Pain, ESI Institute of Pain, Kolkata, May 2016

Generation X anaesthesia – the trump card in oncosurgery, Gynaecology Onclogy summit, Kolkata, March 2016

Anaesthesia for Cerebral Palsy – what a common man needs to know, Bishwa Bandhu Foundation, Kolkata, February 2016

Initial management of a trauma victim, CME at Midnapore Medical College, February 2016

Problem Based Learning Discussions – 55yr old man with Type 2DM and PPM needs Inguinal Hernia surgery, PG Assembly, IPGMER, January 2016

Moderator of Panel discussion, Communication skills and the Anaesthesiologist, ISACON West Bengal 2016, December 2016

Moderator, Perioperative management of a patient with Coronary Artery Stent, ISACON Bihar and Jharkhand, September 2016

Panel discussion on Anaesthesia Workstations, ISACON East Zone, Puri, September 2016

Anaesthesia for Laparoscopic surgeries, PG Assembly – King George Medical College, Lucknow, December 2016

Cisatracurium – the new kid in town, ISA City Branch – Jaipur, December 2016


Guidelines for management of a patient with IHD for anaesthesia, RSACPCON 2016, Patna, October 2016

Local anesthesia in emergency situations: Important points to remember, ICRA Pain, Kolkata, August 2016

Safety and Quality of Postoperative pain management, what are the priorities? ICRA Pain, Kolkata, August 2016

Professional Societies’ Positions


Member of task forces of Government of India or State Governments
Board of studies, West Bengal University of Health Sciences

Member of governing board of MCI / State Medical Council / autonomous medical institutions under Government of India
Penal and Ethics Committee of West Bengal Medical Council

Dr Sanjay Chatterjee
Diabetology, Apollo Gleneagles Hospitals, Kolkata

Books Published
Sanjay Chatterjee, Sudip Chatterjee et al, Joint Editor, Managing Diabetes and Endocrine Conditions, Macmillan Medical Communications, India, 2016
Chapters contributed to text books
Management of an Overweight Adult with Pre-Diabetes, Managing Diabetes and Endocrine Conditions, Macmillan Medical Communications, India, p 1- 6, 2016

Approach to a Patient with a Thyroid Nodule, Managing Diabetes and Endocrine Conditions, Macmillan Medical Communications, India, p 67 - 72, 2016

Publications

Chatterjee S, Sardar P, Chakraborty A, Chatterjee S, In patients with SBP ≥ 130 mm Hg and CV risk, intensive vs standard BP control reduced CV events and mortality, Annals of Internal Medicine, 164(4):JC15, doi: 10.7326/ACPJC-2016-164-4-015, PMID: 26882300, 16th February 2016


Presentations

Professional Societies’ Positions
Honorary Secretary, Integrated Diabetes and Endocrine Academy, 2014 – 2017

Dr Srinjoy Saha
Plastic Surgery, Apollo Gleneagles Hospitals, Kolkata

Awards
PSF International Scholar - Achauer Award, Plastic Surgery Foundation (including American Society of Plastic Surgeons / American Society of Maxillofacial Surgeons), USA, November 2016

Dr Subrata Dey
Paediatric Endocrinology, Apollo Gleneagles Hospitals, Kolkata

Presentations
Growth Chart based approach to disorders of Growth and Puberty, Bangladesh Paediatric Association, 4th International Conference 2016
Growth Charts: Which are most relevant to Indian Children, PEDICON 2016
Rare Diseases a Clinician’s Perspective; Case based cameos, International Symposium of Chemical Biology and Drug Discovery ISCBDD-2016, Kolkata
Dimension: Initiating Dialogue on “In Hospital Diabetes Management”, Delhi
Role of Vitamin D in Neonates, IAP NEOCON 2016, Ranchi

Dr Sudipta Sekhar Das
Transfusion Medicine, Apollo Gleneagles Hospitals, Kolkata

Publications

Das SS, Optimization of platelet quality and patient compliance using single donor platelets stored in

Lectures
Rational Use of Blood and Blood Components, Medical College, Kolkata, 18th February 2016

Pre-transfusion and antiglobulin testing, the NACO training programme conducted by Govt. of UP, SGPGIMS, Lucknow, India, 24th February 2016

Universal Antenatal Group and Screen – Assurance of Safe Pregnancy, Aditya Birla Memorial Hospital, Pune, India, 7th May 2016

Clinical and serological characterization of AIHA, the BioRad Regional CME on Immunohematology, Kolkata, 21st May 2016

Clinical implications of Apheresis technology, ESI Hospital Kolkata, 8th June 2016

Blood Donor Hemovigilance: An important but neglected aspect in Blood Banking, the National conference of National Hemovigilance Program by Govt. of India, Darjeeling, 14th - 15th June 2016

Blood Donor Refreshment: The right meal, the National conference of National Hemovigilance Program by Govt. of India, Darjeeling, 14th - 15th June 2016

Blood group discrepancies, Apollo Hospital Blood Bank CME, Kolkata, 18th June 2016

Legal and Ethical Issues in Blood Banking, the national conference of Law in Medicine organized by the West Bengal University of Judicial Sciences, Kolkata, 25th - 26th June 2016

Apheresis: Update on current role in ICU, the regional Hemato – Oncology Criticl Care Meet, 31st July 2016

Nucleic Acid Testing benefits and constraints, Kasturba Medical College, Manipal, 6th August 2016

Hemovigilance: Importance and Application, the Apollo Nursing training, 20th August 2016

Apheresis Technology in Clinical practice: The Apollo Experience (Innovative Series), Apollo Autumn CME, Kolkata, 26th – 28th August 2016

Quantitation of autoantibodies in eluate of Immunoglobulin G sensitized red cells in autoimmune haemolytic anaemia, the 34th International Congress of the International Society of Blood Transfusion, Dubai, UAE, 3rd – 8th September 2016

Optimization of platelet quality and patient compliance using single donor platelets stored in Platelet Additive Solution, the 34th International Congress of the International Society of Blood Transfusion, Dubai, UAE, 3rd – 8th September 2016

Clinical application of apheresis technology, Apollo Gleneagles Hospitals, Kolkata, 15th September 2016

Recent advances in Apheresis technology, Medical College, Kolkata, 22nd September 2016

Role of Platelet Additive Solution in Platelet Harvesting, Medical College, Kolkata, 24th September 2016

Faculty for the NABH blood bank accreditation implementation training programme, Guwahati, 3rd – 5th November 2016

Nucleic Acid Testing: an experience, the National Conference of Indian Society of Transfusion Medicine, Bhopal, 17th - 20th November 2016

Is partial matching of blood group antigens a mitigation strategy to reduce alloimmunization? The
National Conference of Indian Society of Transfusion Medicine, Bhopal, 17th - 20th November 2016

Value of Recognizing and Reporting Transfusion Reaction: Case Studies, the National Conference of Indian Society of Transfusion Medicine, Bhopal, 17th - 20th November 2016

Quality Standards in Serology, the advance quality standards, National Serology Reference Laboratory Workshop at Jakarta, Indonesia, 25th November 2016

AIHA: Investigation Approach, the congress of Asian Association of Transfusion Medicine and AABB, Bengaluru, 8th – 11th December 2016

Chairperson, the regional symposium on Antenatal Care, the Pune chapter of IMA, Aditya Birla Memorial Hospital, Pune, India, 7th May 2016

Chairperson, the National conference of National Hemovigilance programme by Govt. of India, Darjeeling, 14th - 15th June 2016

Chairperson, the national conference of Law in Medicine, the West Bengal University of Judicial Sciences, Kolkata, 25th - 26th June 2016

Chairperson, the NACO training programme, Govt. of India / West Bengal, Medical College, Kolkata, 22nd September 2016

Panellist and Chairperson, the regional CME in Blood Banking, Medical College, Kolkata, 24th September 2016

Moderator and chairperson, Storage solutions for platelets, the National conference of Indian Society of Transfusion Medicine, Bhopal, 17th - 20th November 2016

Moderator and Chairperson, Experience of using Automation for Immunohematology testing, the congress of Asian Association of Transfusion Medicine and AABB, Bengaluru, 8th – 11th December 2016

Editorial Boards Membership
Reviewer, International Editorial board, IBIMA publishing, USA, since January 2013

Reviewer, Asian Journal of Transfusion Science, India, since June 2012

Reviewer, Journal of Blood Transfusion, USA, since February 2013

Reviewer, International Journal of Case Reports in Medicine, since August 2013

Reviewer, Indian Journal of Haematology and Blood Transfusion, since June 2014

Reviewer, Saudi Medical Journal, since August 2014

Reviewer, Journal of Haematology, Blood Transfusion and Disorders, since 2015

Reviewer, Clinical Chemistry and Laboratory Medicine, 2016

Professional Societies’ Positions
Lifetime member, The Indian Society of Blood Transfusion and Immunohematology (ISBTI), since 2003

Lifetime member, The Indian Society of Haematology and Transfusion Medicine (ISHTM), since 2003

Lifetime membership, The Indian Society of Transfusion Medicine, since 2010

Lifetime member, The South Asian Association of Transfusion Medicine (SAATM), since 2012

Member, the Global Association of Physicians of Indian Origin (GAPIO), since 2012
Member, the International Society of Blood Transfusion (ISBT), since April 2016

Joint secretary, the Indian Society of Transfusion Medicine, since November 2016

Secretary General, the Bengal Society of Transfusion Medicine, since July 2016

**Member of task forces of Government of India or State Governments**
External resource person, Transfusion Medicine, National AIDS Control Organization, Government of India

Technical expert, Transfusion Medicine and Blood banking, Govt. of West Bengal

Technical expert, Transfusion Medicine and Blood banking, Govt. of Odisha and Govt. of Jharkhand

Member secretary of Eastern India, National Hemovigilance Program, Govt. of India

Core Member of the Technical Committee, “Cord Blood Banking” Govt. of West Bengal

NABH assessor for Blood Banks, Quality Control of India

**Dr Sujoy Khan**
Immunology, Apollo Gleneagles Hospitals, Kolkata

**Publications**
Khan S, Clinical profile of patients with C1-inhibitor deficiency from Eastern India, Indian Journal of Allergy Asthma and Immunology, 30(2), 109-11, July – December 2016

Khan S, Das SS, Inclusion of mast cell tryptase estimation does not improve quality of stored platelet concentrates in prevention of allergic transfusion reactions, Vox Sanguinis, 111 (Suppl.1), 234, 2016

Khan S, Das SS, Estimating feto-maternal haemorrhage on maternal samples using HbF% by capillary electrophoresis, Vox Sanguinis, 111 (Suppl.1), 2016, 238, 2016


Khan S, Pulmonary complications due to cyclophosphamide - induced hypogammaglobulinemia: case study and literature review, Pulmo-Face, 16(1), 28-35, May 2016


**Lectures**
Anaphylaxis – Diagnosis and Management, National Hands-on-Training Workshop on Allergy Diagnosis and Immunotherapy, West Zone Chapter from ICAAI (Indian College of Allergy, Asthma and Immunology), Jaipur, Rajasthan, 16th - 18th September 2016

**Editorial Boards Membership**
Editor, BMJ Case Reports (BMJ Journals), since 2010

Editor, Journal of the European Academy of Dermatology and Venereology, since 2010
Editor, FEMS Immunology and Medical Microbiology, since 2010

Editor, Immunotherapy, since 2010

Editor, Allergologia et Immunopathologia, since 2010

Editor, Therapeutics and Clinical Risk Management (Dove Medical Press), since 2010

Editor, Clinical Audit (Dove Medical Press), since 2010

Editor, Journal of Paediatric Biochemistry, since 2010

Member, World Journal of Dermatology, since 2010

Editorial Board, Webmed Central plus Allergy, since 2010

Dr Sunita Agarwal
Paediatrics, Apollo Gleneagles Hospitals, Kolkata

Presentations
Poster, Agarwal Sunita, Bhattacharya Anjan, Ethical approval relevance and requirements for research studies, FERCICON2016, Kolkata, 4th – 5th November 2016

Dr Suvro Banerjee
Cardiology, Apollo Gleneagles Hospitals, Kolkata

Lectures
Themed case based discussions: how do we apply clinical guidelines to ‘real-world’ patients with co-morbidity? RCPE Symposium: Cardiology, Edinburgh, 9th November 2016


Heart failure in the elderly, CSI - 67th Annual Conference, 10th February 2016

Professional Societies’ Positions
Assistant Secretary, Cardiological Society of India (CSI) - West Bengal Branch, 2016

Executive Member, West Bengal Academy of Echocardiography, 2016

Chairman, Scientific Committee, EZECHO (Eastern Zonal Echocardiography Conference), 2016

Member, Organising Committee, Cardiology Symposium 2016, Royal College of Physicians, Edinburgh, November 2016

Dr Tanmoy Mukhopadhyay
Clinical Oncology, Apollo Gleneagles Hospitals, Kolkata

Publications

Lectures
Optimizing Curative Potential of SBRT for lung cancer, Annual State Coference 2016 of Association of Radiation Oncologists of India (AROI), 20th February 2016

That regional nodal radiotherapy is required in all early stage node positive Breast Cancer, Debate (Against the motion), 4th Breast Cancer Consensus and Update 2016 of Kolkata Breast Health and Welfare Association, 7th May 2016
Immunology of Oncogenesis, NAABIN 2016 in association with Indian Chest Society, 13th August 2016

CA-125 - how to improve the saga? Bengal Cancer Summit 2016 of Oncological Society of Bengal, 22nd October 2016

KORAMANGALA, BANGALORE

Dr Shilpa Kava
Obstetrics and Gynaecology, Apollo Cradle Koramangala, Bangalore

Publications
Shilpa Kava, Shalini Rajaram, Vinod K Arora, Evaluation of P16INK4A as a Biomarker in Cervical Intraepithelial Neoplasia, Contemporary Medical Research, Volume 3, number 1, Pages 1-4, January 2016

Shilpa Kava, Shalini Rajaram, Conventional cytology versus visual inspection tests for screening of premalignant and malignant lesions of cervix - a study involving East Delhi population, International Journal of Contemporary Surgery, Volume 4, Number 1, Pages 26-31, January - June 2016

MYSORE

Dr Girish M
Cardiac Anaesthesia, Apollo BGS Hospitals, Mysore

Publications

Dr Prakash Rao A S
CTVS, Cardiac Anaesthesia, Apollo BGS Hospitals, Mysore

Publications
Dr Prakash Rao A S, Dr Nagendra Prakash S N, Dr Girish M, Dr Somanath Vasudev, Dr Venugopal Anandawamy, Dr Arun Srinivas, Dr Guru Prasad H P, Dr Jay Kumar P, A rare case of right ventricular myxoma causing recurrent stroke, Indian Heart Journal, IHJ Issue 68(2016), S97-S101

Dr Raghavendran
Urology and Transplant Surgery, Apollo BGS Hospitals, Mysore

Publications
M Raghavendran, A Venugopal, Vinay N Kaushik, UrinaryBladderXanthoma-Immunochemistry necessary? Urology Case Reports, Volume 8, Pages 36–37, September 2016


Raghavendran M, Sarkar M, Kiran G Kumar, Isolated spontaneous renal artery thrombosis - a rare cause of acute flank pain, Urology Case Reports, Volume 9, 4-5, September 2016


Presentations
Poster, Indications for Ureteroscopy in Diabetic Pyelonephritis, the Indian American Urological Association Annual Meeting, San Diego, CA as part of the American Urological Association 2016 Annual Meeting
Moderated Poster Session, PCR in Genito Urinary Tuberculosis, Annual Meeting of the American Urological Association Education and Research Inc. 2016, San Diego, California, 6th – 10th May 2016


Editorial Boards Membership
Editorial Board Member, Indian Journal of Urology (PubMed indexed journal)

Dr Venugopal A
Laboratory Services and Blood Bank, Apollo BGS Hospitals, Mysore

Publications


NASHIK

Dr Amit Raut
Paediatric, Apollo Speciality Hospitals, Nashik

Publications
Dr Amit Raut, Stealth surgery for congenital muscular torticollis, Asian Journal of Endoscopic Surgery 9(2), May 2016

Lectures
Speaker for International Grand Expertise Meet, Amsterdam, 2016

Editorial Boards Membership
Reviewer for Colorectal Cancer Journal Manuscript

Dr Mohan Patel
Nephrology, Apollo Speciality Hospitals, Nashik

Awards
Fellow of the American Society of Nephrology (FASN) by American Society of Nephrology, December 2016

Dr Sudhir Shetkar
Cardiology, Apollo Speciality Hospitals, Nashik

Awards
Fellow of the European Society of Cardiology, Rome ESC Congress 2016

Dr Ruchira Khasne
Critical Care, Apollo Speciality Hospitals, Nashik

Lectures
Faculty, EPIC International 2016, Swissotel, Kolkata, 17th – 18th September 2016

Faculty, MISACON 2016, Aurangabad, 14th – 16th October 2016

Dr Milind Shah
Surgery, Apollo Speciality Hospitals, Nashik

Publications
NAVI MUMBAI

Dr Vaishali S Badge
Cardiac Anaesthesia, Apollo Hospitals, Navi Mumbai

Lectures
Organ Protection during CPB, 19th Annual Conference of Indian Association of Cardiovascular-Thoracic Anaesthesiologists (IACTA), Chennai, India, 12th – 14th February 2016

Panel Discussion on real case scenario: Single Ventricle Palliation, 3rd Paediatric Cardiac Anaesthesia Intensive Care and Perfusion Update, Kokilaben Dhirubhai Ambani Hospital, 20th – 21st August 2016

Panellist, Perioperative Renal Injury, 1st National Symposium on Cardiac Surgical Critical Care 2016, Madras Medical Mission, Chennai 5th – 6th November 2016

End stage Liver Disease and Cardiac Surgery, 1st MAHAGUJRAT Cardiac Anaesthesia Update, Ahmedabad, 19th – 20th November 2016

Professional Societies’ Positions
Lifetime Member, Indian Association of Cardiovascular-Thoracic Anaesthesiologists (IACTA)

Lifetime Member, International Trauma Anaesthesia and Critical Care Society (Indian Chapter) (ITACCS)

Lifetime Member, Indian Society of Critical Care Medicine (ISCCM)

Lifetime Member, Indian Society of Anaesthesiologists (ISA)

Lifetime Member, Society for Heart Failure and Transplantation (SHFT)

NELLORE

Dr Bindu Menon
Neurology, Apollo Speciality Hospitals, Nellore

Chapters contributed to text books
Tolerability and side effects, Sodium Valproate Indian Consensus Document, Indian Epilepsy Society, Elsevier publication, 2016

Publications


Lectures
How to screen for bon health in Epilepsy, Indian Epilepsy School, Organized by Indian Epilepsy Society and Indian Academy of Neurology, Ludhiana, 25th – 27th November 2016

Newer contraceptives with older AED’s, Indian Epilepsy School, Organized by Indian Epilepsy Society and Indian Academy of Neurology, Ludhiana, 25th – 27th November 2016

Untreated epilepsy B Should we even be concerned? 24th Annual Conference of the Indian Academy of Neurology, IANCON 2016, Kolkata, 10th – 13th November 2016
Clinical Excellence
Telemedicine
CSR
Academics
Recognition
Research
Our Footprints
Achievements

BNP as a novel predictor for ischemic stroke, National Conference on Novel Trends in Biotechnology and Neuroscience, 23rd September 2016

Talk on aphasia, Back to Basics, Chennai, 25th September 2016

Refractory Status epilepticus, 16th MP and CG Neurocon Conference, Bhopal, 18th - 19th June 2016

Drug Refractory Epilepsy, 16th MP and CG Neurocon Conference, Bhopal, 18th - 19th June 2016

Delivered lecture in EEG workshop, Indian Epilepsy Association at Patna, 11th – 12th 2016

Drug Refractory Epilepsy Recent concepts, CME on Epilepsy Guntur Neuroclub, Guntur, 17th April 2016

Paediatric Epilepsy – New versus Old AED, CME on Epilepsy Guntur Neuroclub, Guntur, 17th April 2016

Epilepsy and Bone health, 17th Joint Annual Conference of Indian Epilepsy Indian Epilepsy Association and Indian Epilepsy Society, Visakhapatnam, 12th - 14th February 2016

Professional Societies’ Positions
President, Epilepsy Association, Nellore Chapter, since 2008

Secretary, Dr Bindu Menon Foundation, since 2013

Webmaster, Indian Epilepsy Association and Indian Epilepsy Society, 2013 – 2015

Governing Council Member, Indian Epilepsy Association, 2014 – 2016

Executive Council Member, Indian Epilepsy Society, 2015 – 2017

Advisory Board Member, IES – Sodium Valproate – Indian Consensus Document, Indian Epilepsy Society, 2015 – 2017

Advisory Board Member, IES – Epilepsy and Law, Indian Epilepsy Society, 2016

Awards
Member of National Academy of Medical Sciences, November 2016

Dr Karnam Gowrinath
Pulmonology, Apollo Speciality Hospitals, Nellore

Books published
Dr K Gowrinath, Who should be corresponding author? 2016

Dr K Gowrinath and Dr G Vamsidhar Reddy, Acute total lung collapse in a woman with acute stroke and atrial fibrillation, 2016

Dr K Vijaya Kissinger and Dr K Gowrinath, Bilateral pleural effusion with skin lesions after suicidal attempt with kerosene, Indian Journal of Chest Diseases and Allied Sciences, 2016

Dr Ravi Dadlani
Neuro Surgery, Apollo Speciality Hospitals, Nellore

Publications


Lectures
Editorial Boards Membership
Reviewer, Indian Journal of Paediatrics, since 2011
Reviewer, Asian Journal of Neurosurgery, since 2015
Reviewer, International Journal of Neurology and Neurotherapy, since 2015

Examinership
Co-guide, Texila American University, Neurosurgery PhD students

NOIDA
Dr Deepa Passi
Paediatrics, Apollo Hospitals, Noida

Chapters contributed to text books

Deepa Passi, Peer Pressure and Adolescent Parenting, Adolescent Health (contributed for AHA with Indian Pediatrics) 6 month online course, 2016

Lectures
Approach to a patient with delayed language development, Apollo Hospitals Noida, on 5th October 2016
Role of parents, schools and friends in adolescents, workshop on “Aggression and Violence in Adolescent Boys”, SRGH, New Delhi, 16th November 2016
At risk adolescents; prevention and interventions, MAMC, New Delhi
Cyber – Bullying in Adolescents, Faculty in Pre - Conference Workshop PCNI, New Delhi, 2nd December 2016

HEEADSSS approach in adolescents emphasising on Protective and Risk Factors was one of the panellists in case discussions in PCNI, New Delhi, 4th December 2016
Understanding Little Adults - Chaired the session at Noida, in collaboration with IAP, Noida and Indian Association of Clinical Psychologists (IACP), 17th December 2016

Professional Societies’ Positions
Member of Executive Body, IAP, Noida since 2009

Dr Sanchita Dubey
Obstetrics and Gynaecology, Apollo Hospitals, Noida

Publications

PUNE
Dr Prasad Walimbe
Ophthalmology, Apollo Jehangir Hospital, Pune

Lectures

Orations
Ocular manifestations in HIV/AIDS, 36th Annual Conference of Maharashtra Ophthalmological Society, Vashi (MOSCON 2016), 14th – 16th October 2016
Ophthalmologist’s perspective of Growth and Developmental Disorders, 15th National Conference
of Growth, Development and Behavioral Pediatrics at Pune organized by GDBP Academy - subchapter of Indian Academy of Pediatrics and IAP Pune, 9th – 11th December 2016

Presentations
Poster, Capsule management in Paediatric cataract surgery, An Intercontinental Perspective of Paediatric Ophthalmology and Strabismus, AAPOS (American Academy of Paediatric Ophthalmology and Strabismus) – SPOSI (Society of Paediatric Ophthalmology and Strabismus, India) Joint Meeting, Jaipur, India, 2nd – 4th December 2016

Poster, Paradigms in the management of congenital glaucoma, An Intercontinental Perspective of Paediatric Ophthalmology and Strabismus, AAPOS (American Academy of Paediatric Ophthalmology and Strabismus) – SPOSI (Society of Paediatric Ophthalmology and Strabismus, India) Joint Meeting, Jaipur, India, 2nd – 4th December 2016

TRICHY

Dr Kader Sahib Ashraf
Intervention Cardiology, Apollo Hospitals, Trichy

Awards
Associate fellowship in European Society of Cardiology, January 2016

VANAGARAM

Dr K A Abraham
Cardiology, Apollo Hospitals, Vanagaram

Chapters contributed to text books

Dr P R Prabash
Neurology, Apollo Hospitals, Vanagaram

Lectures

Dr Venkatesh R
Plastic Surgery, Apollo Hospitals, Vanagaram

Professional Societies’ Positions
EC Member, Indian Association of Aesthetic Plastic Surgeons, 2016 - 2018

Dr Aparna Bhatnagar
Ophthalmology, Apollo Hospitals, Vanagaram

Editorial Boards Membership
Indian Journal of Ophthalmology, since 2009

Professional Societies’ Positions
Executive Member, Oculoplastic Association of India (OPAI), 2016 – 2018

Dr R Dhananjayan
Biochemistry, Apollo Hospitals, Vanagaram

Publications

Rajeswari S and Dhananjayan R, Glycated Hemoglobin and Variants – An Update, European Journal of Biomedical and Pharmaceutical Sciences, 3(8), 103 – 107, 2016

**Lectures**
Genetic Aberrations of Folate Metabolism in Type 2 Diabetes Mellitus, 43rd ACBICON, Kasturba Medical College, Mangalore, Karnataka, National Conference organized by Association of Clinical Biochemists of India, 14th December 2016

**Orations**
Organizing Secretary for a NABET-QCI accredited Training Programme on “Internal Auditor and Quality Management System for Medical Laboratories (ISO 15189:2012)”, 27th - 30th July 2016

**Examinership**
Examiner for B.Sc. (N), The Tamil Nadu Dr MGR Medical University, Chennai