



HEALTHCARE
YOU CAN TRUST





At AIG,
we have the
power to
re-invent
healthcare
and change
lives

Grand Lobby

Overview

AIG Hospitals, a unit of Asian Institute of Gastroenterology, is an 800-bed multispecialty hospital that offers the highest level of medical excellence alongside impeccable standards for patient care. The stunning architecture and luxurious infrastructure spread across 1.7 million square feet is complemented by brilliant medical practitioners, nurses, researchers, technologists and support staff who bring in a professionalism that has no parallel. The hospital combines the latest advances in medicine with a truly remarkable level of warmth and compassion, culminating in a seamless and comfortable experience. Spreading its essence beyond the boundaries of India, AIG Hospitals has ushered in the dawn of a new era in healthcare.

OUR PHILOSOPHY






AIG Hospitals aims to be at the forefront of medicine by fostering a culture of clinical collaboration, innovating through translational medical research, transmitting its knowledge to the medical community and committing to serve the diverse communities, both locally and globally. Above all, our first priority is the well-being of our patients and a singular focus on providing the highest quality, most compassionate care to all the lives we touch.

OUR VISION

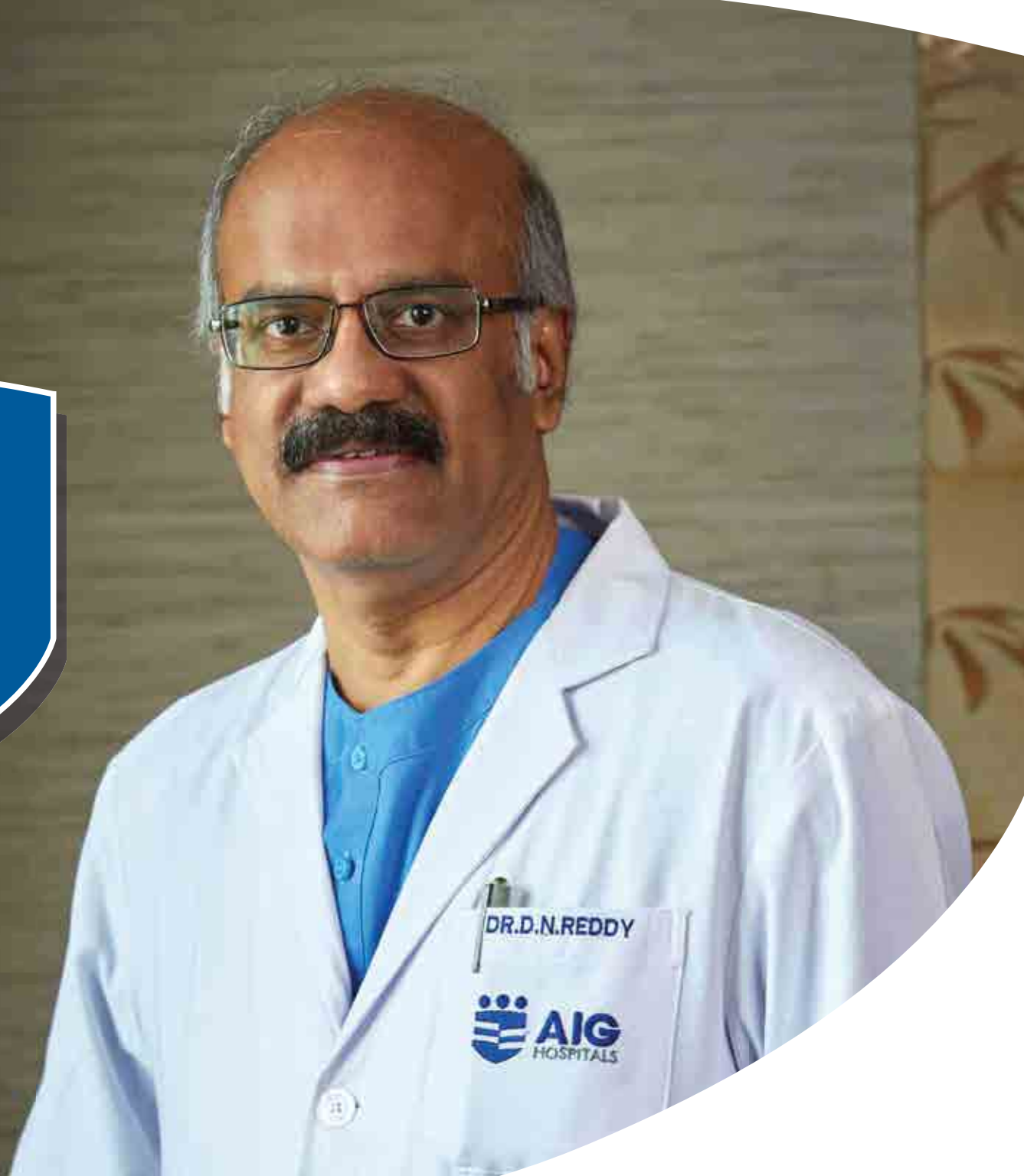
Excellence and Innovation to ensure best-in-class healthcare at an affordable price

OUR MISSION

To provide world-class healthcare to Indian and International patients whilst ensuring 'inclusivity for all' by:

-  Utilizing our resources efficiently and effectively
-  Imparting education to community doctors to ensure early and accurate diagnosis
-  Improving patient awareness about diseases and treatments
-  Deploying state-of-the-art, cutting edge technology
-  Investing and participating in Research & Development projects for advancement of healthcare

At AIG
Hospitals,
every passing
minute is a
chance to
heal someone



Chairman's Message

The journey of Asian Institute of Gastroenterology (AIG) started 25 years ago. It emanated from our vision to translate the best of scientific knowledge and advanced research into affordable patient-centric healthcare in India.

Today, I can proudly state that AIG has achieved global prominence in the field of Gastroenterology and is considered as a Centre of Excellence, rubbing shoulders with the best in the world.

Beyond the accolades and recognition endowed upon us by national and International agencies, I feel a deep sense of fulfilment that AIG has become a name that fills the heart with hope and solace, while providing patients with world-class healthcare close to home.

As we continue to strive in providing innovative and cutting-edge services to our patients, I am happy to present to you our new facility, AIG Hospitals at Gachibowli, Hyderabad. This marks a paradigm shift in the healthcare industry by uniquely blending clinical excellence with fervent academic activity as well as active empirical research.

This advanced 800-bed super specialty hospital is custom designed to provide comprehensive, integrated and patient friendly services, across the entire spectrum of tertiary care, whilst upholding all values of our noble profession.

Our team of skilled clinicians and basic research scientists work relentlessly to ensure that our community and patients have access to the most advanced technological developments in the field of medical science.

Dr. D Nageshwar Reddy

MD., DM., D.SC., FAMS., FRCP,
FASGE., FACG., MWGO

Chief of Gastroenterology &
Therapeutic Endoscopy



Driven by
Passion,
Research,
Academics

Intensive Care Unit

World-class Patient Care

THE 7 PILLARS OF OUR PATIENT FIRST ETHOS

Trust Act in the best interest of our patients with shared decision-making, honesty and confidentiality	Integrity Proactive and accurate patient communication, ensuring the highest standards of personal and professional ethics	Empathy Nurture kindness towards our patients and provide support at all times	Perfection Focus on work specialization that enables healthcare service delivery matching global standards	Team work Work together as a team to resolve issues and ensure patient delight	Comprehensive Multi-disciplinary teams of clinicians working together for prevention and cure, all under one roof	Affordable Ensure that the people who need the best of medical care have access to us

AIG Hospitals has been ranked #1 in India for Gastroenterology Centre of Excellence by several research and rating agencies. It is recognized globally as one of the leading centres for Gastroenterology and has set new benchmarks internationally for performing the most complex procedures with utmost success. It is the largest referral centre in Asia for Therapeutic Endoscopy, conducting the largest number of ERCP procedures in the world.

Patients from over 30 countries rate their experiences with us very highly indicating they would be very likely to recommend us to others. They have access to our vast network of physicians, many of whom are trained in leading international medical schools and are leaders within their specialties.

Our multidisciplinary care teams – known for innovations in digestive disorders, organ transplantation, nephrology, critical care and more – offer comprehensive, state-of-the-art medical care from primary care to leading-edge treatment of complex and rare disorders. In addition, our clinicians and researchers are recognized internationally for their contributions to the medical field.



ASIAN HEALTHCARE FOUNDATION

INSTITUTE OF TRANSLATIONAL RESEARCH



550 research papers and counting, AIG is exploring the unexplored

A Research Powerhouse

LABORATORY TO CLINIC

The vision of Dr. D. Nageshwar Reddy was the genesis of Asian Healthcare Foundation (AHF) in 2001. AHF is recognized as a Scientific and Industrial Research Organization by the Department of Scientific and Industrial Research (DSIR) Government of India.

AHF is the forerunner in establishing Translational Research Institute with state-of-the-art Genomics and Sequencing facility and GMP facility plus Centralized Molecular Biology laboratories. The main objective of the Institute is to conduct research that can be translated from LAB to CLINIC.



AHF symbolizes a synergistic combination of clinical expertise and scientific talent in translating research findings into clinical practice. The wealth of clinical material and sophisticated instrumentation facilities empower researchers to translate research findings for patient benefits.

- Developing CLINICIAN SCIENTISTS and participating in the SKILL DEVELOPMENT Program of Government of India are two major training activities.
- Identifying Genomic sequence variations in Indians with Gastrointestinal diseases that differ from Western countries is one of the thrust areas for developing targeted therapies.
- Regenerative Medicine, the future of modern Cell and Transplantation strategy for replacing damaged tissues is far-reaching and seeks to translate to patient benefits in line with the highest ethical standards.



DBT WELLCOME LAB

Discovering the potential of Regenerative Medicine



Stem Cell Research and Cell-Based Therapy Programs



- ☛ Hematopoietic stem cells for Chronic Liver disease
- ☛ Mesenchymal stem cells for Liver, pancreatic and inflammatory bowel diseases
- ☛ Induced pluripotent stem cell research, focused on Drug toxicity testing
- ☛ Cytotherapy with Pancreatic Islet cells transplantation

KEY AREAS OF RESEARCH

- ☛ Genetics & Genomics of Chronic Liver Disease, Pancreatic diseases, Inflammatory bowel diseases, non-alcoholic fatty liver disease
- ☛ Metabolomics in Pancreatogenic Diabetes and Biliary diseases
- ☛ Viral Hepatitis
- ☛ Gut Microbiome



Asian Healthcare Foundation's Stem Cell Research supports innovation and excellence and is committed to a multi-disciplinary collaboration of academic and medical disciplines for transforming the treatment of disease through personalized cellular therapies and regenerative medicine. The Good Manufacturing Facility provides most sophisticated laboratories and technologies to advance the field of Regenerative therapies.





A time to learn and a time to pass on that knowledge – the clock never stops at AIG

Dr. Vijay Kumar Datla Auditorium

Leaders in Education and Training

CREATING EVIDENCE-BASED PRACTICE CHAMPIONS

The success of AIG Hospitals is driven by the strong academic and research orientation of its doctors. We provide top-notch education to our doctors on the latest medical advancements, so that they can deliver the best of care to the patients. Our consultants disseminate practical clinical evidence at various international conferences and universities for the benefit of the global medical community. We are committed to training and mentoring the next generation of international leaders in science and medicine, providing opportunities for physicians, nurses and health professionals. Our strong academic focus can well be measured by the fact that we have trained over 5000 doctors from over the world at AIG Hospitals, many of whom have gone on to become renowned physicians and surgeons in their respective countries.

CLINICAL PROGRAMMES

Grand Rounds: AIG Hospitals organizes and conducts Grand Rounds every month that is attended by AIG clinicians and community physicians. This melting pot of clinical intelligence includes presentations and discussions of rare and complex cases that have been successfully managed at AIG. They cover advances and innovations in patient care, research and education in the areas of cardiology, neurology, internal medicine, gastroenterology, organ transplantation and more.

eBoards: AIG clinicians network globally for live case discussions through video conference for a larger audience. Complex cases are presented and analysed for the benefit of the practitioners. Plus, multidisciplinary educational discussion and informal advice regarding treatment options for complex cases add great value.

Workshops: AIG Hospitals regularly conducts clinical workshops, many of them in a live environment, such as AIG Endoscopy Workshop, PowerSpiral Workshop. The annual flagship event is AIG Live with focus on innovative gastroenterology technologies and clinical applications.

Symposiums and Master Class: AIG Hospitals is at the forefront when it comes to international symposiums and Master Classes. Some of the recent events include Respicon, Endoscopy Master Class, International Symposium on IBD, Endoscopy Summit and IHPBA India.





Clinical Skill Labs

CREATING THE NEXT GENERATION OF CLINICAL EXPERTS

Asian Healthcare Foundation (AHF) has established one of the most sophisticated and versatile skill labs at AIG Hospitals. This advanced facility, that has both dry lab and wet lab, is utilized to train young doctors on the latest techniques and help them stay updated on current technologies. Trainees get the opportunity to work on simulators, animal and artificial tissue models, live anaesthetized animals and cadavers. More than 1000 national and international doctors have been trained through workshops and master classes dedicated to different specialties including medical gastroenterology, surgical gastroenterology, pulmonology, cardiovascular surgery, and transplant surgery.



The Skill Labs are the perfect learning ground for various advanced endoscopic procedures like POEM, ESD, complex EUS, ERCP procedures and Endoscopic suturing, etc. Surgeons can learn and practice complex surgical steps like pancreaticojejunostomy, hepaticojejunostomy, vascular anastomosis, bowel anastomosis, laparoscopic suturing and simulation in a safe environment. Numerous workshops are conducted to train pulmonologists in bronchoscopy and Endobronchial Ultrasound. AHF encourages doctors and medical students to use this facility to help improve patient care and keep pace with cutting-edge clinical technologies.



Fostering an atmosphere of excellence where the sky is not the limit

Endoscopy Suites

Raising the Bar for Safety and Quality



AIG Hospitals places the highest priority on its commitment to practicing medicine in a manner that ensures consistent delivery of the safest care possible for every patient.

Our approach to quality patient care encompasses our commitment to safety, effectiveness, patient centeredness, timeliness, and efficiency. We measure our performance, set high goals and track our progress toward those goals to maintain an atmosphere of excellence. We compare ourselves against International Safety and Quality benchmarks across all departments to ensure we deliver the highest quality and safest care possible.

QUALITY POLICY

- ☛ Be a Centre of Excellence in Healthcare through commitment to continuous quality improvement and adopting industry-leading practices in safety
- ☛ Meet and exceed international Healthcare standards through our integrated model of healthcare quality systems and evidence-based medicine
- ☛ Surpass patient expectations by delivering healthcare service that is caring and compassionate
- ☛ Develop team work and communication through encouraging multi-disciplinary collaborative practice



QUALITY ASSURANCE

AIG follows a rigorous QA and chart review process before each patient begins treatment, to ensure the patient's treatment plan is ready and optimal. Once treatment starts, there are continual checks to make sure that treatment is being delivered safely and accurately. Our clinicians and surgeons from each specialty engage in regular peer review meetings to discuss and improve upon treatment plans. Our technicians and biomedical engineers conduct daily checks, calibration tests and preventive maintenance protocols on all equipment to ensure its safety and accuracy.

INTERNATIONAL PATIENT LOUNGE

We partner with communities both close to home and across oceans to improve healthcare delivery



Serving the Community, Locally and Globally

AIG Hospitals has been conceptualised to serve our communities and those in need, both locally and globally. A commitment that just grows stronger every day as our community reach continues to expand far beyond India's borders. We partner with communities both close to home and across continents to build, improve and sustain healthcare delivery and increase the health and well-being of those who live and work in these communities.

AIG Hospitals offers international patients a personalised experience along with world-class medical care and is committed to make every patient's experience delightful and comfortable in India. The dedicated International Patient Team takes care of all patient and attendant requirements.

SERVICES

- ☞ Seamless coordination between the hospital, doctors and patients
- ☞ Scheduling appointments
- ☞ Remote consultations
- ☞ Counselling patients on stay, financial details and clinical procedures
- ☞ Facilitation for boarding, lodging and transport
- ☞ Assistance for medical visa formalities
- ☞ Interpreter services
- ☞ FRRO (Foreign National Regional Registration Office) assistance
- ☞ Special dietary and religious needs
- ☞ Post-discharge follow-up
- ☞ Local sightseeing as required



A day in the life of AIG Hospitals equals a lifetime of healthy memories for our guests

Multi-level Travelators

The Story by the Numbers

PATIENT CARE*	CLINICAL	INFRASTRUCTURE
600,000+ Total Hospital patients	250 Consultants	1,700,000 Sq. ft. Area
28,000+ Hospital admissions	1,000 Nurses	1,000 Patient Beds
3,000+ International patients	550 Research Papers	150 Consultation Rooms
800,000+ Lab tests	5,000+ Doctors Trained	20 Operation Theatres
100,000+ Endoscopy procedures	45 Basic Scientists	36 Endoscopy Suites
		4 Catheter Labs
		17 Dialysis Units
		400 Seat Auditorium



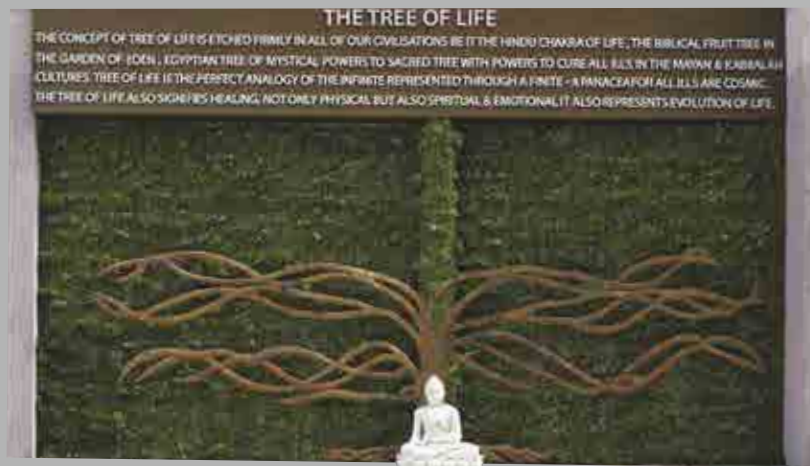
*Annual figures (combined for Gachibowli and Somajiguda Hospital Locations)



Over 250 Consultants under one roof enable AIG Hospitals to provide multi-disciplinary care to every patient and a comprehensive treatment plan. The full time clinical team ensures that care is provided 24x7 with close monitoring of the patient's progress.

Majority of the consultants have trained and practised in leading hospitals in the UK, Germany and the US and bring the ethos and culture of international healthcare delivery systems and treatment modalities.

Plus, they participate in international conferences and workshops that continually enhance their skills and keep them ahead of the curve. It is no surprise then that patients consider AIG Hospitals as their destination of choice for superlative care.



HIPPOCRATES
FATHER OF MODERN MEDICINE (460 - 370 BCE)



CHARAKA
INDIAN FATHER OF MEDICINE (6TH-2ND CENTURY BCE)



DHANWANTARI
GOD OF AYURVEDA



SUSHRUTA
FATHER OF SURGERY (1500 BCE - 1000 BCE)



AIG Hospitals was born out of a combined vision of Clinicians, Basic Scientists, Technology Giants, Intellectuals and Philanthropists who worked relentlessly to create an organization which offers world class healthcare to all segments of the society as well as provides a platform for vibrant academia and original research to prosper – all under one roof.

At AIG, it is our endeavour to move patient care to the next orbit of excellence in India and that's why, we are perhaps the only hospital which has integrated all the specialities, technically and technologically, to both inside and the outside world.

Combining it with a multi interdisciplinary approach and empathetic staff, we are sure that we would be able to provide improved outcomes and a better quality of life for our patients.

Dr. G V Rao
Director

Genetics to Geriatrics - Complete Comprehensive Care

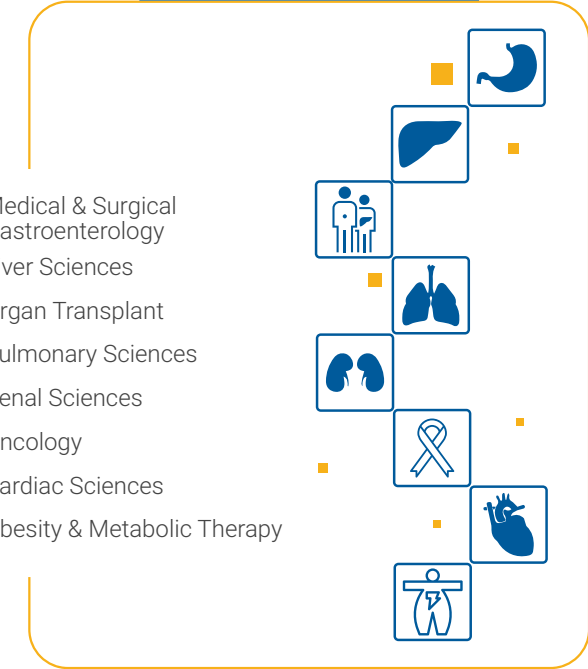


Super Specialists for Superlative Care

Led by Padma Bhushan Dr. D Nageshwar Reddy, Chairman and Managing Director & Dr. G V Rao, Director and Dr. BC Roy Awardee, AIG Hospitals offers comprehensive healthcare services across a range of specialities.

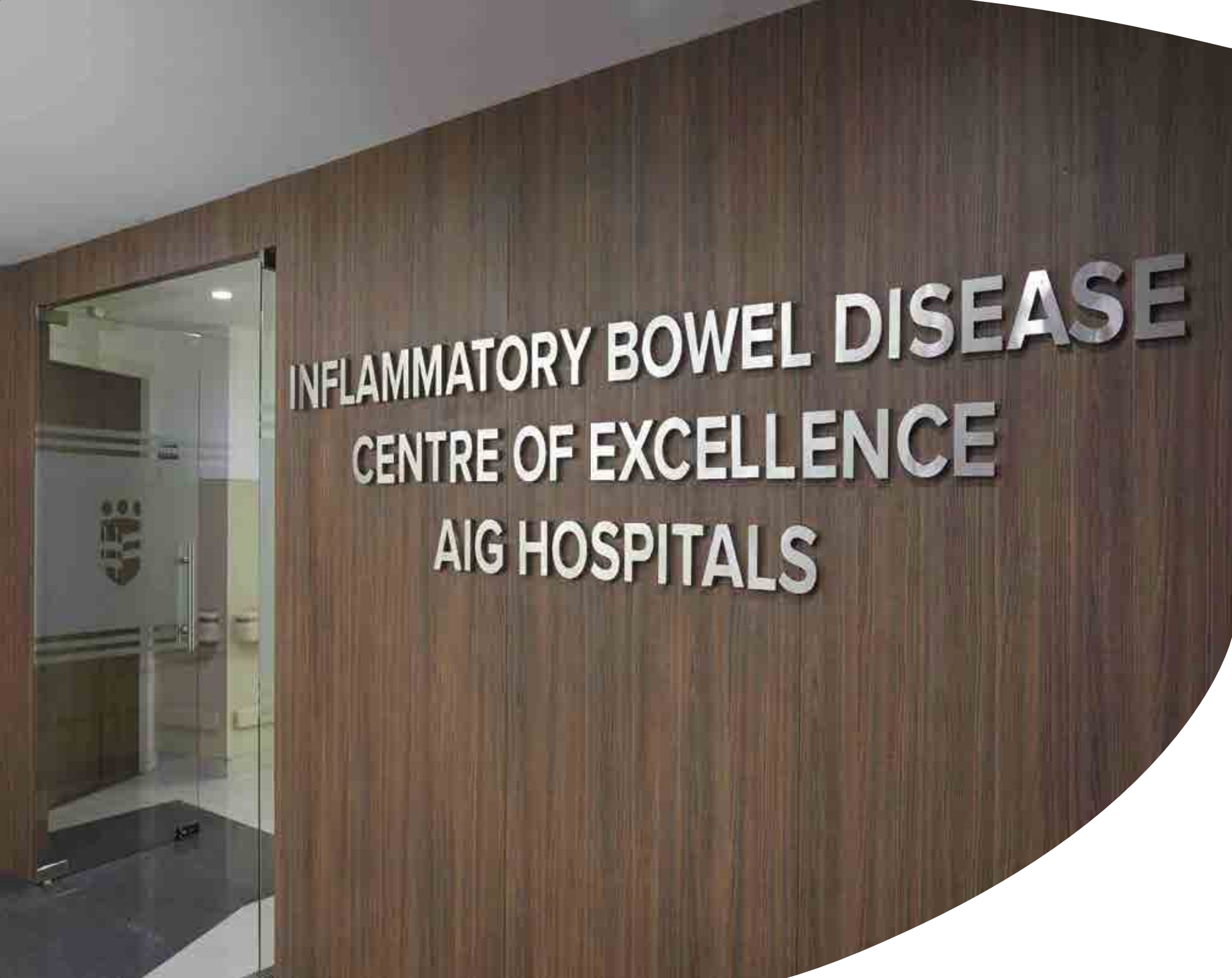
CENTRES OF EXCELLENCE

- Medical & Surgical Gastroenterology
- Liver Sciences
- Organ Transplant
- Pulmonary Sciences
- Renal Sciences
- Oncology
- Cardiac Sciences
- Obesity & Metabolic Therapy



KEY SPECIALTIES

- General Surgery
- Robotic Surgery
- Endocrinology
- Vascular surgery
- Internal Medicine
- Emergency Medicine
- Critical Care Medicine
- Psychiatry
- Urology
- Neuroscience
- Pain Clinic
- Gynaecology
- Orthopaedics & Joint Replacement
- ENT
- Dermatology & Cosmetology
- Oral & Maxillofacial Surgery
- Plastic Surgery
- Interventional Radiology



Medical Gastroenterology

The Centre of Excellence of Gastroenterology at AIG Hospitals has the expertise in handling all diseases of stomach, intestines, pancreas, gall bladder, bile duct and liver, with a team of highly accomplished consultants. It combines clinical experience earned over decades and a state-of-the-art facility equipped with sophisticated endoscopic equipment, led by experienced gastroenterologists and endoscopists.

1. ERCP FOR PANCREATIC & BILIARY DISORDERS

- ☞ ERCP for pancreatic stones and strictures
- ☞ ERCP for bile duct stones, benign and malignant strictures
- ☞ ESWL for pancreatic stones
- ☞ Intra-ductal therapies with digital cholangioscopy
- ☞ Intra-ductal ablation of tumor

2. ENDOSCOPY / COLONOSCOPY / ENTEROSCOPY

- ☞ Magnification endoscopy, using state-of-the-art endoscope
- ☞ Narrow Band Imaging
- ☞ Enteroscopy – PowerSpiral and single balloon enteroscope

3. EUS

- ☞ Advanced focal imaging including intraductal ultrasound, contrast enhanced
- ☞ Interventional EUS:
 - Drainage of pancreatic fluid collection using plastic or metal stent
 - Advanced biliary drainage procedures
 - EUS guided tumour ablation
 - EUS guided celiac plexus neurolysis
 - EUS guided vascular intervention
- ☞ EUS gastro-enterostomy

4. LUMINAL GASTROENTEROLOGY

- ☞ High-resolution Esophageal Manometry
- ☞ Hydrogen Breath Testing / GI motility studies
- ☞ Esophageal Impedance / pH evaluations
- ☞ Capsule endoscopy

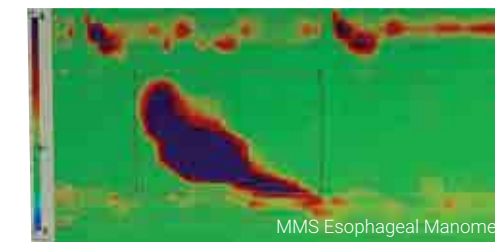
5. INFLAMMATORY BOWEL DISEASE (IBD) CENTRE OF EXCELLENCE

AIG has vast experience in the diagnosis & treatment of Inflammatory Bowel Disease including the largest electronic registry in India. IBD services include:

- ☞ Endoscopy & wide-ranging endoscopic procedures
- ☞ Faecal transplantation and stem cell unit
- ☞ Specialized histopathology and IHC unit
- ☞ Genetic analysis including TPMT, NUDT15
- ☞ Advanced stoma care unit

6. ENDOBARIATRICS

- ☞ Gastric balloon implantation
- ☞ Endoscopic Sleeve Gastroplasty
- ☞ Endosleeve for metabolic endoscopy



MMS Esophageal Manometry



Surgical Gastroenterology, Minimally Invasive Surgery and GI Oncology

The Division of Surgical Gastroenterology at AIG Hospitals has highly skilled and experienced surgeons who perform over **10,000** operations annually with a very high success rate. The surgeons have expertise in hepatobiliary and pancreatic surgery, colorectal surgery, and GI oncology and follow a multidisciplinary approach for complex surgeries. They participate in and initiate newer technologies radicalising new approaches in surgical gastroenterology including liver and pancreas.

Facilities include **16** state-of-the-art digitally integrated 4K, 3D with Infrared Technology, Robotic Operation Suites and transplant Operation Suites supported by integrated monitoring technology in the ultra-modern ICUs for postoperative care and home rehabilitative services.

KEY SURGERIES

- ☛ Complex HPB Surgeries
- ☛ Colorectal Surgery
- ☛ IBD Surgery
- ☛ Foregut Surgery
- ☛ Laparoscopy – Endoscopy Hybrid Surgery
- ☛ Intraoperative Hot Chemotherapy - HIPEC

All the facilities in the hospital are integrated and connected digitally by fibre optics through the Endoscopy and Surgical studios enabling HD/3D /4K live transmissions, Teleconferencing, Teleconsultations, TeleTeachings across the globe.



INNOVATIONS

- ☛ Introduced NOTES worldwide when the world's first Transgastric Appendectomy was performed
- ☛ Introduced many procedures and surgeries in India and the Asia Pacific region for the first time such as GERD-X, STRETTA, POEM, G-POEM, STERR, ESD, EMR, Endoscopic Sleeve Gastroplasty, Interventional GA procedures, Islet Cell Transplantation, etc.



3D Operation Theatre

Obesity & Metabolic Therapy

PERSONALISED WEIGHT MANAGEMENT

AIG Hospitals offers personalised care for Obesity and Diabetes that includes a complete evaluation by a multi-disciplinary team of doctors. Accordingly, one is advised Non-surgical weight-loss procedures or Bariatric & metabolic surgery.

ENDOBARIATRICS FOR NON-SURGICAL WEIGHT-LOSS

Over 50 successful Endoscopic Sleeve Gastroplasty procedures have been performed at AIG Hospitals – one of the highest in India.

Patients are benefited from this day-care procedure, with no surgery or cuts. Plus this helps to control Diabetes, Cholesterol, heart disease, sleep apnea etc.

KEYHOLE BARIATRIC & METABOLIC SURGERY

AIG has been achieving successful outcomes for Keyhole Bariatric and Metabolic surgeries since 2015. Advanced treatment options for obesity and diabetes management include:

- Personalised Weight-loss Options
 - Laparoscopic Sleeve Gastrectomy
 - Laparoscopic Gastric Bypass
 - Laparoscopic Mini Gastric Bypass
- Metabolic surgery for Diabetes management



ADVANTAGES

Single incision keyhole surgery, loss of up to 80% of excess weight, no scars, Gold Standard method, permanent weight-loss, better long term results, fast recovery

Hybrid OT



WORLD'S MOST SOPHISTICATED ENDOSCOPY SUITES



3-D ERCP with Digitally Integrated Olympus ENDOALPHA and Siemens Artis zee Technology

AIG Hospitals is one of the largest referral centres in the world for diagnostic and therapeutic Endoscopy. Patients are referred from not only most cities in India but also from surrounding countries like Sri Lanka, Bangladesh, Malaysia, Nepal etc.

AIG has one of the largest and most advanced gastrointestinal endoscopy suites in the world. Diagnostic and therapeutic endoscopy procedures include diagnostic endoscopy and colonoscopy, ERCP, endoscopic ultrasonography, extracorporeal shock wave lithotripsy (ESWL), and polypectomy. In addition, innovative and complex endoscopic procedures including per-oral endoscopic myotomy with or without fundoplication (POEM), sub-mucosal tunnelling endoscopic resection (STER), endoscopic submucosal dissection (ESD), endoscopic mucosal resection (EMR), endoscopic bariatric procedures (ESG), anti-reflux endoscopic modalities (ARMS, GERD-X, ARMA), laser lithotripsy, electrohydraulic lithotripsy, radiofrequency ablation are performed in the sophisticated Endoscopy Suites.

The advanced endoscopy theatre is specially designed for the management of complex gastrointestinal diseases in a minimally invasive fashion. The availability of cutting-edge technology and experienced operators are the strengths of our GI unit. Early stage cancers are managed endoscopically using novel techniques like ESD, STER and endoscopic full thickness resection. AIG has set new benchmarks for providing quality GI endoscopy services in India and leading the way on the path of innovation.



Dornier Delta@III ESWL for pancreatic & biliary lithotripsy - First in Asia



Digital studio for live streaming of Endoscopy procedures globally



Endoscopy suites



Liver Sciences

COMPREHENSIVE MULTIDISCIPLINARY CARE

AIG Centre for Liver Sciences delivers a comprehensive, multidisciplinary approach for management of liver diseases, maintaining international standards and guidelines. Services include Liver Transplant surgery, Liver Resection surgeries (open & laparoscopic), Liver Critical Care, Liver Pathology, and Liver Radiology.

A team of internationally renowned specialists bring extensive experience in the management of Paediatric and Adult liver diseases including Chronic Liver Disease and Cirrhosis, Acute Liver Failure, Cholestatic Liver diseases, Congenital Biliary Diseases, Inherited Errors of Metabolism, Liver cancers, Bile Duct cancers, as well as Paediatric and Adult Liver transplantation.

The combined experience of the team includes management of chronic liver disease in more than 40,000 patients, which includes 3,500 adult and more than 300 paediatric liver transplants, 1600 liver resections for cancer and living donor liver transplantation, as well as nearly 700 interventional radiological procedures such as TACE, TARE and Ablation for cancers.





Hepatology

A SHINING BEACON OF HOPE

AIG Centre for Hepatology has an experienced and internationally reputed team of clinicians with vast experience in management of complex liver diseases including jaundice, liver cirrhosis, hepatitis, paediatric liver diseases and many other liver related conditions.

Procedures include simple daycare procedures like Banding of esophageal varices, glue injection for bleeding gastric varices and abdominal paracentesis. TIPPS for refractory bleed and Ascites are routinely performed by a team of experts in the IR team. The team again in association with the Interventional Radiologists are involved in complex procedures like hepatic vein catheterizations for HVPG and Hepatic blood flow studies, liver biopsies - both percutaneous and trans jugular, Interventional vascular procedures for IVC obstruction / Budd Chiari syndrome etc. to name a few.

SCOPE OF SERVICES include General Hepatology, Paediatric Hepatology, viral hepatitis clinic for hepatitis A B C and E , Fatty liver clinic, portal hypertension clinic, regenerative medicine clinic, Pre and post-transplant clinics and management of Hepatocellular carcinoma. Doctors with specific interest in each field run these clinics to provide advanced medical care.

The department is also engaged in basic research in studying the nutrition and genetics of non-alcoholic liver disease, and maintenance of an HCC registry. Clinical research to evaluate the role of stem cells in liver cirrhosis is being carried out under strict monitoring by regulatory authorities. In addition significant progress has been made in studying the profile of patients with lean NASH and also the role of plasmapheresis and hemofiltration with advanced cartridges in patients with acute or chronic liver failure.

Consultants in the department are recognised faculty in major national and international conferences with their research work having been presented and published in most major academic forums.



Advanced Philips Catheter Lab

Cardiovascular Sciences

WHERE EVERY HEART IS CLOSE TO OURS

AIG Centre of Excellence for Cardiovascular Sciences offers comprehensive cardiac care services supported by the latest technology, advanced infrastructure and expertise in treating rare and complex heart conditions. The multidisciplinary approach to cardiac care involves senior cardiologists, cardiac surgeons, critical care specialists, anaesthetics, cardiac technicians and nurses, for rapid response time. Our cardiologists are leaders in research, diagnosis and therapies for people with heart conditions.

FACILITIES

- ☛ Advanced Philips Catheter labs using FFR and IVUS technology
- ☛ Cardiac ICU, Non-invasive labs, four state-of-the-art cardiac surgery theatres
- ☛ 24x7 cardiac emergency care with round the clock in-house cardiologist cover
- ☛ State-of-the-art Diagnostic and Non-Invasive Cardiology equipment including, 4D ECHO, TEE, DSE and Holter Monitoring, 24-hour ambulatory BP monitoring, IABP, ECMO, and Ventilators
- ☛ Cardiac Nuclear Scanning

CARDIOLOGY PROCEDURES

- ☛ CT Coronary Angiography
- ☛ Multi-vessel and Complex Angioplasties
- ☛ Peripheral and Carotid Angioplasties
- ☛ Percutaneous interventions for congenital heart diseases
- ☛ Percutaneous Valve replacements (TAVR)
- ☛ Balloon dilatation of stenosed valves (Valvuloplasty)
- ☛ Electrophysiological studies
- ☛ Ablation procedures for complex arrhythmias
- ☛ Pacemaker implantation including ICDs and CRT

CARDIOTHORACIC AND VASCULAR SURGERIES

- ☛ CABG – off-pump, beating heart, minimally invasive
- ☛ Total arterial revascularization
- ☛ Valve Operations – Repairs and replacements
- ☛ Surgeries for congenital heart diseases
- ☛ Aortic surgeries - Aneurysms and Dissections
- ☛ Lung, Thoracic operations and VATS
- ☛ Peripheral vascular and Carotid operations
- ☛ Surgeries for heart failure including heart transplantation and assist devices
- ☛ Elective or emergency surgery for coronary artery disease, arrhythmias, heart failure
- ☛ Robotically assisted and percutaneous procedures





TRUEBEAM STx Linear Accelerator

Oncology

CANCER WARRIORS MARCHING AHEAD

The Oncology Centre of Excellence at AIG Hospitals offers comprehensive cancer care including prevention, diagnosis, treatment of all solid tumours and blood cancers plus palliative care for all age groups. Multi-disciplinary comprehensive cancer care with a holistic approach to treatment is our hallmark. The Oncology team includes renowned & experienced medical oncologists, surgical oncologists, radiation oncologists, pathologists, and radiologists who discuss each case to find the best possible management for an individual patient considering the physical, social, psychological and emotional status of the patient. Complex cases are discussed in a multi-disciplinary tumour board for offering the best treatment plan tailored for an individual.

ADVANCED SURGICAL ONCOLOGY treatment is offered for Head and Neck, Breast, Thoracic, Gynaecological, Skin and Soft Tissue, Genitourinary, Gastrointestinal, Bone and Joint tumours.

RADIATION ONCOLOGY treatment at AIG Hospitals is driven by **TRUEBEAM STx Linear Accelerator**, the most advanced stereotactic radiosurgery system of its kind, which minimizes radiation exposure to healthy tissues and has a large, open design for greater patient comfort. This offers exceptionally accurate non-invasive and painless treatment to patients.

Treatment modalities include Intensity Modulated Radiation Therapy (IMRT), Rapid Arc-Volumetric Modulated Arc Therapy (VMAT), Image Guided Radiation Therapy (IGRT), Stereotactic Radiosurgery (SRS), Stereotactic Body Radiotherapy (SBRT), CT / MRI based Image Guided Brachytherapy. These are supported by 4D-CT & Real-time Position & Monitoring and PET-CT based Radiation Treatment Planning.

TrueBeam features improved soft-tissue visualization via iterative Cone-Beam CT (iCBCT), and enhancements to intrafraction motion management techniques. Inbuilt HD MLC, high dose rate energy modes 6FFF and 10FFF, 6D couch and 4D cone beam CT enable high precision SRS/SBRT and Gated Arc treatments.

High Dose Rate (HDR) Brachytherapy with computer-controlled **Gamma Med plus™ iX afterloader** improves treatment efficacy and safety. The accurate dose delivery of HDR minimizes dose to healthy tissue and the rapid dose delivery allows for more patient-friendly out-patient treatments.

MEDICAL ONCOLOGY at AIG is a comprehensive facility and well equipped for the administration of chemotherapy, targeted therapy and immunotherapy. We treat both solid and haematological (leukaemia and lymphomas) cancers. The Bone Marrow transplant unit features haematopoietic stem cell transplantation, a high-end curative treatment. The chemotherapy ward is designed for patient comfort and convenience with skilled nurses and 24x7 monitoring of drug administration.





Pulmonology

EVERY BREATH YOU TAKE, WE WILL WATCH OVER YOU

AIG Hospitals Department of Pulmonology is endowed with state-of-the-art facilities at par with international standards. We treat patients with diseases of airways, lungs and the pleura, Sleep Disordered Breathing, Allergies and also offer pulmonary Rehabilitation of patients with respiratory diseases.

The team of expert pulmonologists offers holistic treatment for the management of pulmonary conditions using advanced equipment such as Video-Bronchoscope and perform complex procedures such as Rigid bronchoscopy, Cryo-recanalisation and cryo-biopsies, Medical thoracoscopy, Endobronchial Ultrasound [EBUS]), placement of tracheal and bronchial stents, and Bronchial thermoplasty (for difficult asthma treatment) to name a few.

CONDITIONS MANAGED

- ☞ Allergy, Asthma and COPD
- ☞ Smoking related lung diseases
- ☞ Pneumonias [lung infections]
- ☞ TB [including drug resistant tuberculosis]
- ☞ Pulmonary hypertension
- ☞ Interstitial Lung Diseases (ILD) and autoimmune lung diseases e.g. vasculitides, sarcoidosis
- ☞ Sleep disorders [e.g. Obstructive Sleep Apnea] using **Alice 6 Sleep Lab** system with ambulatory somnography
- ☞ Respiratory emergencies [respiratory failure and ARDS, tension pneumothorax, pulmonary embolism, central airway obstructions, massive haemoptysis, etc.]
- ☞ Pleural diseases [pleural effusions, pneumothorax, haemothorax, and pleural malignancies]
- ☞ Occupational lung diseases [pneumoconiosis, silicosis, asbestosis etc.]
- ☞ Lung cancer
- ☞ Bronchiectasis
- ☞ Thoracic trauma/ flail chest
- ☞ Smoking cessation services
- ☞ Treatment for Tracheal stenosis
- ☞ Tracheal disorders
- ☞ Hypersensitivity pneumonitis or pigeon-breeders disease





Dialysis ward with 5008 series machines

Renal Sciences

PERSONALISED CARE FOR ALL

The Department of Nephrology at AIG Hospitals has been established with the aim of providing the best possible care for kidney-related ailments with treatment as per international guidelines. The internationally reputed consultant nephrologists are experienced in treating patients from all walks of life and committed to providing affordable healthcare without compromising the quality.

SERVICES

- Interventional Nephrology, Paediatric Nephrology, Haemodialysis, Continuous Ambulatory Peritoneal Dialysis (CAPD), Renal Transplantation (both with live and cadaver organs), Preventive Nephrology, management of glomerular disease, pregnancy related kidney disease and Preeclampsia, and plasma exchange
- AIG Hospitals offers high-end quality dialysis with the **latest 5008 series machines** and Permacath for long-term dialysis therapy. A unique option is the use of Incremental Dialysis with a personalised low dose
- Online Haemodiafiltration (HDF) treatment modality with ultrapure dialysate that reduces the risk of cardiovascular complications
- Sustained Low Efficiency Dialysis (SLED) is offered as a renal replacement modality in critically ill patients with Acute Kidney Injury (AKI) and haemodynamic instability

The Continuous Renal Replacement Therapies (CRRT) setup includes Continuous Veno-Venous Hemodialysis (CVVHD), Continuous Veno-Venous Hemofiltration (CVVH), Continuous Veno-Venous Hemodiafiltration (CVVHDF) for gentle and optimal fluid removal.

We provide comprehensive diagnostic facilities and doctors are well experienced in procedures like Renal Biopsy, Tunnelled Catheter Insertion, and CAPD catheter insertion.





Operation Theatre

Urology

SETTING NEW STANDARDS OF CARE

The Department of Urology at AIG Hospitals offers comprehensive urological services to diagnose and treat conditions like prostate diseases, kidney & urinary stones, infections, malignancies, and strictures of the urethra.

Backed by a team of highly experienced nephrologists and urologists, the department of Urosurgery is equipped with the most advanced minimally invasive surgical equipment to carry out all major high-end urosurgeries. The minimally invasive procedures not only reduce trauma, but shorten hospital stay and ensure early recovery of the patient.

SERVICES

- ☞ Andrology
- ☞ Endourology
- ☞ Minimally Invasive surgery
- ☞ Neuro-urology
- ☞ Paediatric urology
- ☞ Reconstructive urology
- ☞ Uro-oncology
- ☞ Uro-gynaecology
- ☞ 24x7 dialysis



Operation Theatres



Gamma Camera

Radiology

HI-PRECISION IMAGING FOR ACCURATE DIAGNOSIS

Siemens Artis zee digitally integrated with Olympus ENDOALPHA - interventional imaging system that produces excellent high definition images with intelligent dose optimisation.

This can be used for procedures such as 3D Endoscopic Retrograde Cholangio Pancreatogram (ERCP), interventional fluoroscopy imaging, Interventional cardiology, interventional radiology, Interventional Oncology and Interventional Neuroradiology.

Philips Ingenuia 1.5 Tesla MRI - delivers premium patient-centric image quality with digital clarity and speed.

Features: mDIXON XD FFE MultiStation for high-resolution imaging, automated head-to-toe imaging, BOLD specialist for advanced neuro-imaging, Spectroscopy, ASL Neuro specialist, mDIXON Quant 3D procedure for non-invasive liver fat quantification, StarQuant cardiology applications and more.

Gamma Camera – uses affordable and high-resolution imaging technology to produce functional scans of the brain, lungs, thyroid, stomach, liver, skeleton, gallbladder and kidneys.

Non-invasively helps gather critical information e.g. size of heart chambers, how effectively your heart pumps, blood flow in coronary arteries, heart muscle damage, need for interventional procedures, and early cancer detection.

Philips Ingenuity 128 slice CT - enables more accurate and precise treatment planning, as well as shorter scan times.

Features: Jog Scan for double perfusion coverage, Advanced Brain Perfusion, Comprehensive Cardiac Analysis, Multi-Modality Advanced Vessel Analysis (AVA) for 3D visualization, Virtual Colonoscopy, Liver Analysis, Cartilage Assessment, etc.

PET CT scans inspect blood flow, oxygen intake, or the metabolism of organs and tissues. They show problems at the cellular level, giving our doctors the best view of complex systemic diseases.

These scans are commonly used to detect cancer, heart problems, brain and central nervous system disorders.



3D ERCP using Siemens Artis zee



Telepathology with real-time robotic microscopy system

Diagnostics

GETTING TO THE CELL OF THE MATTER

The Department of Lab Medicine at AIG Hospitals is spread over 80,000 square feet and functions 24x7 with an aim of providing accurate, reproducible medical reports with great precision and quick turnaround time. Lab Medicine encompasses Haematology, Clinical Pathology, Histopathology, Cytopathology, Molecular Pathology, Clinical Biochemistry, Microbiology and Serology.

Departments are led by teams of expert doctors with specialised training in India and abroad, supported by well-trained technical staff and phlebotomists. Laboratories are designed based on Global norms and equipped with latest cutting-edge technology, automated laboratory solutions, pneumatic sample transportation, high-throughput machines and versatile analyzers, integrated with pre-analytical workstations and connected with automated slide stainers and image analysis systems. AIG is one of the first hospitals in India using Digital Microscopy and Telepathology.





Automated Cobas e 601 module for immunoassay tests using electrochemiluminescence technology

Diagnostics

PATHOLOGY, BIOCHEMISTRY & MICROBIOLOGY

DEPARTMENT OF PATHOLOGY

Over 1000 blood samples from patients are processed daily. Special investigations include Bone Marrow aspiration & Bone marrow Biopsies coagulation and thrombotic profile tests, and flow cytometry. More than 18000 biopsies & 10000 FNAC samples are processed annually in Histology & Cytology respectively.

Facilities: frozen, tissue analysis for intraoperative consultations, immunohistochemistry panel of markers for all lesions, liquid cytology and molecular pathology for complete tumour analysis.

DIGITAL IMAGING

Haematology, Clinical pathology, Clinical chemistry departments have latest machines linked to digital systems. Digital imaging leads to more efficient and standardized testing ensuring faster and precise reports.

TELEPATHOLOGY

Real-time robotic microscopy systems and virtual slides allow consultant pathologists to evaluate histopathology / cytology slides remotely for Rapid onsite evaluation and reporting of Endoscopic ultrasound / EBUS / endoscopic biopsy by operating a robot-controlled motorized microscope located at a distant site (e.g. endoscopy / ERCP room). This saves time and cost for patients.

The strength of AIG Labs is reflected in the academic performance, publications, research activities and CMEs. Department of Pathology offers a fellowship programme aimed to provide a comprehensive understanding of gastrointestinal, pancreatic and hepatobiliary pathology and build competency for specialty referral practice.

DEPARTMENT OF BIOCHEMISTRY

The Biochemistry laboratory has sophisticated automated analysers that ensure data integrity. Instruments are capable of handling 1200 tests per hour. Stringent quality control is observed under External Quality Control Programmes.

Special investigations include Auto immune pancreatitis marker IgG4, Anaemia profile (Iron TIBC, B12 and Folate), PBG etc. using automated machines. Tests for IBD marker (Fecal calprotectin) and for exocrine insufficiency of pancreas (Fecal elastase) are specifically done only at AIG.

Hormone assays, Thyroid profile, Tumour markers, TDM (Therapeutic Drug monitoring) are analysed on fully automated immunoassay systems.

Advanced diagnostic techniques include Electrophoresis, ELISA, HPLC and nephelometry.

DEPARTMENT OF MICROBIOLOGY

The Clinical Microbiology Laboratory at AIG Hospitals performs diagnostic testing in Bacteriology, Mycology, Mycobacteriology, Parasitology and Serology.

The Lab is equipped with fully automated Blood Culture System BacT/ALERT 3D 240, which also supports Mycobacteriology Liquid based Cultures. Vitek 2 Compact is available for Identification and Susceptibility testing of Bacterial isolates. VITROS 3600 with a throughput of 180 tests/hour and facility to run 55 different parameters simultaneously is available for Viral screening and other serological tests.

Consultant Clinical Microbiologists are available for consultation on diagnostic test selection, interpretation of results and Clinical Guidance.



Transfusion Medicine

The Department of Transfusion Medicine at AIG Hospitals has a state-of-the-art lab with the latest equipment. Our mission is to provide high quality of safe blood & components.

- ☛ The immunohematology lab is equipped with fully automated platform "vision" for extended immunohematology workup of donor & patients
- ☛ Fully automated new technology ECLIA is used to screen the blood donors
- ☛ All the blood units undergo Nucleic Acid Amplification Testing (NAT)
- ☛ Apheresis lab is equipped with automated cell separators that are flexible to produce various components like platelets, plasma and granulocytes, functional 24x7

Plus, the department also performs procedures like Therapeutic plasma exchange (TPE), Peripheral Blood Stem Cell (PBSC) collection both auto & allo, Red cell exchange, Leucapheresis.

We are a 100% component lab, preparing all 4 components including leucodepleted products, irradiated & washed PRBC.





Nurse Station

Nursing

THE BACKBONE OF COMPASSIONATE CARE

The Nursing Department at AIG Hospitals strives for continuous quality improvement of nursing care delivered. Patient satisfaction is the centre around which the practice of nursing revolves. We at AIG train our nurses continuously and rigorously to help evolve compassionate, skilled nurses with appropriate attitude.

Nurses, being the largest workforce of AIG, and also the frontline or the face of the organisation, are also trained to psychologically and emotionally balance themselves while delivering care to their patients.

We have multicultural, multilingual nurses in our team who are able to help patients from across the country seeking medical advice at AIG.





Intelligent Lab Automation System with the ACL TOP family of Analyzers

Preventive Health

ENHANCE YOUR PRODUCTIVITY

Modern lifestyle and work environments make it imperative to have a routine health check done to track any hidden health concerns and prevent serious complications.

AIG Hospitals provides various health and wellness management plans designed to suit organisations. With a firm focus on disease prevention, AIG Hospitals is the preferred health partner for your employees or loved ones. You can choose between any of our standard health check packages or discuss a personalised package better suited to your work or lifestyle.

The comprehensive medical evaluation at AIG Hospitals combines our advanced diagnostic expertise with preventive medicine, usually in a convenient 1 to 2-day period.

TYPICALLY, VISITS MAY INCLUDE

- ☞ A comprehensive medical history and physical examination by an internal medicine specialist
- ☞ Screening tests for early detection of cancer, heart disease and other serious conditions
- ☞ Cardiovascular fitness evaluation, including cardiac stress test
- ☞ A review and update of medications and immunizations
- ☞ Lifestyle assessment, review of nutrition, stress management and disease risk factors
- ☞ If desired: dermatology consultation, stress management counselling, weight management consultation, orthopaedics consultation and more

AIG HOSPITALS HEALTH PROGRAM ADVANTAGES

- ☞ Corporate Services
- ☞ Customized preventive health check-ups
- ☞ Advanced diagnostic facilities including DNA testing
- ☞ Wide range of outpatient facilities under one roof
- ☞ Consultation across all super-specialties
- ☞ Priority admission
- ☞ Dedicated Health check manager
- ☞ On-site wellness sessions





Grand Presidential Suite

Modern Design for Peace and Comfort

At AIG Hospitals we believe that the environment and non-medical services have a significant role to play for the comfort and convenience of patients and attenders. Our world-class technologies are matched with facilities that are designed to ensure a memorable experience for all our guests.

- ☒ A choice of spacious Patient rooms: General, Twin-sharing, Single, Deluxe, Suite and Presidential Suites
- ☒ Serene garden with relaxation zones
- ☒ Multi-level Basement parking and Valet service
- ☒ 24-hour Pharmacy
- ☒ Ambulance Services
- ☒ Ample seating in OP waiting areas
- ☒ Café, Canteen and patient meal services
- ☒ Platinum wing for priority services
- ☒ Executive Health Check-up Lounge
- ☒ 400-seat Auditorium
- ☒ Centrally air-conditioned
- ☒ Feeding Room
- ☒ Cloak Room
- ☒ Prayer Rooms





AIG Hospitals is committed to Corporate Social Responsibility and establishing the culture of "Giving Something to the Society".

We believe that we are obliged to give the same amount of our care and medical attention to all citizens including the underprivileged in semi-urban and rural areas.

We are always ready to share the responsibilities we have towards our society, and actively contribute to National Public Health Programs.

At AIG Hospitals, the journey never ends -
it just gets more enriching





AIG Hospitals

A unit of Asian Institute of Gastroenterology

Plot No. 2/3/4/5, Survey No. 136/1
MindSPACE Road, Gachibowli,
Hyderabad, Telangana 500 032, INDIA

☎ +91 40 4244 4222

✉ info@aighospitals.com

www.aighospitals.com

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