



# CHANDAN HOSPITAL

## 400+ Bed

### Multi-Super Speciality Hospital with Over 3 Decades of Trust



H-2021-0764



Ayodhya Road, Vijayant Khand, Gomti Nagar, Lucknow-226010



@HospitalChandan



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 Emergency Helpline (24x7): 0522 6666669

*NonStop Care*

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1991	First Diagnostic Centre at Lucknow, Uttar Pradesh
1996	Diagnostic Centre at Allahabad, Uttar Pradesh
1999	First Diagnostic Centre in Uttar Pradesh to introduce Spiral CT
2003	Awarded ISO 9001:2015 for Diagnostic Services
2006	First Retail Pharmacy at Shahjahanpur
2007	Diagnostic Centre in Haldwani, Uttarakhand
2009	<ul style="list-style-type: none"> <li>- First Diagnostic chain in Uttar Pradesh to provide Online Reports</li> <li>- First NABL Accreditation for Central Diagnostic Lab</li> </ul>
2013	Chandan Specialty Lab inaugurated at Biotechnology Park, Lucknow
2018	<ul style="list-style-type: none"> <li>- Chandan Hospital at Lucknow, Uttar Pradesh</li> <li>- Entry level NABH Accreditation for Chandan Hospital, Lucknow</li> <li>- First Private Hospital in Uttar Pradesh to perform Endovascular coiling for Brain Aneurysm</li> <li>- High-end Laboratory services in 24 District Hospitals of Uttar Pradesh</li> </ul>
2019	Kidney Transplant Unit established
2020	<ul style="list-style-type: none"> <li>- Full NABH accreditation for Chandan Hospital, Lucknow</li> <li>- First Hospital in Uttar Pradesh to successfully treat a patient with Covid Pneumonia using ECMO</li> </ul>
2021	<ul style="list-style-type: none"> <li>- First Azurion 7 Cath lab in the Region</li> <li>- DNB Programme Started</li> <li>- First Dialysis centre in Uttar Pradesh to get QAI Accreditation on International Dialysis Standards</li> <li>- Diagnostic Services in all district hospitals, CHCs and PHCs in Uttarakhand</li> </ul>
2022	<ul style="list-style-type: none"> <li>- Robotic Surgery program inaugurated</li> <li>- Established Stroke Unit</li> <li>- Corneal Transplant program inaugurated</li> <li>- 9 NABL Labs in Uttar Pradesh and Uttarakhand</li> </ul>
2023	<ul style="list-style-type: none"> <li>- Cendana Pharmaceuticals Pvt. Limited launched</li> <li>- First HIPEC surgery</li> <li>- 50th Kidney Transplant Surgery at Chandan Hospital, Lucknow</li> <li>- First Transjugular Intrahepatic Portosystemic Shunt (TIPS) procedure at Chandan Hospital, Lucknow</li> <li>- First Hospital in the region to cross 10,000 Endoscopic Procedures</li> <li>- 24x7 Quick Response Ambulance Service with GPS mapping and Doctor on board launched</li> </ul>





World Healthcare Achievers Award 2018



Leading Hospital in Patient Care & Safety, 2019 by IMA Mediko Healthcare Excellence Awards



Amar Ujala Business Excellence Awards Dubai 2024



Dainik Jagran Ayushman India Award, 2020 for Outstanding Contribution in the field of Healthcare and Medical Services



"Most Promising Diagnostic Chain in India"



"Excellence Healthcare Award 2025, for leading Diagnostic Service Provider in India"



"Awadh Ke Stambh Awards" Best Covid Hospital, 2021



Best Hospital of the Year, 2019 by Six Sigma Healthcare Excellence Awards





## CHANDAN GROUP

Chandan Group stands as a pillar of excellence in the healthcare sector, offering a diverse portfolio of services, including Diagnostics, Pharmacies, Hospitals, Pharmaceuticals and Medical Education. Since its inception in 1991, Chandan has earned the trust of over 30 million patients, serving more than 3 million annually. Driven by a commitment to quality, innovation, and integrity, the group continues to expand its reach and enhance healthcare accessibility across India.



### Our Strength: People & Performance

At the heart of Chandan's success are its 3,800+ dedicated workforce, whose expertise and commitment drive the organization forward. By fostering a culture of excellence, ethical practices, and continuous innovation, Chandan has become one of the most admired healthcare organizations in India, making a profound impact on millions of lives.

## CHANDAN GROUP OF COMPANIES



**Chandan Healthcare Limited-** A leader in diagnostics, Chandan Healthcare operates 20+ Comprehensive Diagnostic Centres, 45+ Labs and 400+ Collection Centres across Uttar Pradesh, Uttarakhand, New Delhi, Bihar, Chhattisgarh, Rajasthan, Gujarat, Maharashtra, Madhya Pradesh, Punjab, Haryana, West Bengal and Assam. It offers comprehensive diagnostic services, including Radiology, Pathology, Cardiology, Respiratory, Gastroenterology, Oncology, Nephrology and Neurology, all under one roof.



**Chandan Pharmacy Limited-** Chandan's retail pharmacy chain ensures convenient access to quality medications across Uttar Pradesh, Uttarakhand, New Delhi, Madhya Pradesh and Chattisgarh. It also manages wholesale distribution, ensuring seamless supply of medicines to retail pharmacies and hospitals.



**Chandan Hospital Limited, Lucknow-** Established in October 2018, Chandan Hospital is a 400+ bed tertiary care multi-super-specialty hospital in Lucknow, offering world-class treatment across 40+ specialties. Plans are underway to expand its capacity to 600 beds.



**Chandan Superspecialty Hospital Limited, Haldwani-** The first 200+ bed multi-super-specialty hospital in the Kumaon region, providing advanced medical care and enhancing healthcare accessibility for the community.



**Cendana Pharmaceuticals Pvt Limited-** Cendana is committed to world-class pharmaceutical manufacturing, maintaining stringent quality control to ensure safety, efficacy, and reliability in every product.



**Chandan Cancer Institute-** It is a 150-bed specialized Cancer Institute at Lucknow, offering comprehensive diagnostic and therapeutic cancer care, powered by a multi-disciplinary team and cutting-edge technology.

Chandan Hospital at Lucknow is a 400-bed multi-disciplinary, super-speciality, tertiary care hospital with over 40 disciplines offered under one roof aiming to provide world-class facilities.

We have all major Specialty and Super-speciality facilities equipped with state-of-the-art equipment in diagnostic and therapeutic field. We are committed to redefining medical services through our team of eminent doctors, efficient and dedicated para-medical staff and experienced administrative team.

We have Advanced Life Support System (ALS), intensive care/cardiac ambulances equipped with multichannel patient monitors, transport ventilators, medical gases, infusion pumps, defibrillators, all emergency drugs and instrumentation.

We have state-of-the-art telemedicine network so that expert care is never out of reach. Utilizing our strong HIS and PACS technology, we can seamlessly transmit patient information in a secure, and confidential environment.

Our 150-bed Cancer Institute in Lucknow aims to provide comprehensive diagnostic and therapeutic cancer care, powered by a multi-disciplinary team of clinical excellence and world class technology.

**We provide all diagnostic services under one roof including**



PET-CT Scan & Gamma Camera



CT Cardiac Angiography



MRI & CT scan



DR X-ray



Portable X-ray



Ultrasound



Sono mammography



Digital Mammography



ECG



2D Echo with TEE



TMT



Holter



Fibro scan



EEG & Video EEG



NCV



EMG & BERA



Audiometry



PFT, DLCO & Sleep Studies



Uroflowmetry



EBUS & EUS



Bronchoscopy, Colonoscopy & Endoscopy

**We offer a comprehensive array of over 3500 tests and profiles in the field of**



Biochemistry & Immunoassay



Hematology



Microbiology & Serology



Histopathology & Immunohistochemistry



Cytogenetics & Molecular Diagnostics



Genome Sequencing



Chandan Emergency and Trauma Centre is 24x7 equipped to handle all kinds of emergencies like accidents, heart attacks, strokes, breathlessness, medical, surgical and other emergencies. The emergency has 10 motorized triage and observation beds, minor OT and patient waiting areas. The nodal point for disaster management is in the emergency room of the hospital to manage any sort of mass casualties and resuscitation. We have Advanced Life Support System (ALS) intensive care/cardiac ambulances equipped with multichannel patient monitor, transport ventilator, medical gases, infusion pumps, Defibrillator, all emergency drugs and instrumentation. Our ALS ambulances have a trained ALS doctor and paramedical staff on board to provide accurate diagnosis and to start immediate treatment at the site of the emergency. The ambulances are GPS monitored and live tracking of our ambulances is available. The ambulances are in constant communication with attendants of patients.

## OUR SERVICES

- Dedicated Emergency Helpline Number 0522 6666669
- 24x7 Quick Response Ambulance Service with GPS mapping and doctor on board
- Advanced Trauma care based on latest ATLS protocols
- Acute Cardiac care for patients with very high or low BP, Heart-attack or Heart failure
- Acute Respiratory distress
- Acute Abdominal symptoms, such as abdominal pain, severe diarrhea or vomiting
- Sudden loss of consciousness
- Head Injury
- Uncontrolled Seizure
- Stroke Unit
- Burn Management
- Protocol Based Emergency Care
- Backup by all Super Specialties
- Toxicology Care (Including drug overdose, poisoning and snake or animal bites management)
- All Obstetric and Gynae Emergencies
- All Pediatric Emergencies
- Highly trained and experienced doctors available 24x7 hour
- Backup by all Super Specialties

Chandan Institute of Critical Care and Anaesthesiology constitutes a devoted team of critical care doctors who deal with the most seriously ill patients. The facility is equipped with state-of-the-art technology and boasts of a 100+ bed ultra-modern ICU. It comprises of MICU, CCU, CTVS, Isolation ICU, SICU, PICU & NICU. Our specialists are equipped to handle all kinds of medical eventualities, including multiple organ failures and severe trauma injuries. All our ICUs are covered round the clock by qualified and experienced specialists. We also have provision for bedside dialysis.

Our infection rates are comparable to the best hospitals in the world due to our strict infection control protocols. Our highly skilled anesthesiologists deliver safe, consistent, and continuous peri-operative care to patients undergoing complex cardiac, neurological, orthopedic, transplant, trauma, cosmetic, and minimally invasive surgeries in our state-of-the-art operating theatres. Keeping in tune with Chandan Hospital's philosophy of continuous growth and quality improvement, while maintaining ethics, the institute strives to be established as the best critical care centre in the region.



## OUR SERVICES

- MICU, CCU, CTVS, Isolation ICU, SICU, PICU & NICU
- Advance life support facilities including ECMO
- 24x7 Experienced Critical Care Doctors
- Stringent Infection Control Protocols
- Bedside Dialysis
- Plasmapheresis
- Management of all kinds of Cardiac, Renal, Medical, Pulmonology and Surgical critical care cases
- Well trained & Dedicated ICU Care Team

Chandan Heart Institute is an integrated healthcare centre with a highly experienced, qualified, and dedicated team of heart surgeons, cardiologists, and radiologists who work together to provide comprehensive care to patients suffering from various heart diseases. Our team of doctors and nurses are equipped with the latest technologies such as unique minimally invasive techniques that offer excellent precision and accuracy.

## NON-INVASIVE CARDIOLOGY

Our world class technology including Electrocardiogram (ECG), 2D Echo with TEE, TMT, Holter, Paediatric Echo and Stress Echo monitoring enables us to diagnose and assess heart conditions without the need for invasive procedures.

## INTERVENTIONAL CARDIOLOGY

Our Cardiology Department provides cutting-edge, minimally invasive procedures to diagnose and treat a wide range of cardiovascular conditions including Coronary Angioplasty and Stenting, Balloon Valvuloplasty and Peripheral Angioplasty and Stenting we provide Paediatric Cardiac Interventions services and Device Closure of Congenital Heart Defect services.

## TAVI

Transcatheter Aortic Valve Implantation is a minimally invasive procedure to replace a narrowed aortic valve without open heart surgery.

## TMVR

Transcatheter Mitral Valve Replacement is a minimally invasive procedure to replace a diseased mitral valve using a catheter instead of open heart surgery.

## ELECTROPHYSIOLOGY

We provide specialized services for diagnosing, managing, and treating heart rhythm disorders, also known as arrhythmias. We provide Pacemaker Implantation (Temporary & Permanent), AICD Implantation, CRT (Cardiac Resynchronization Therapy) Implantation and Catheter Ablation and Leadless Pacemakers.



## CARDIAC SURGERIES

Chandan Hospital's Advanced Cardiac Surgery Department is a premier center for heart surgery, equipped with state-of-the-art facilities and staffed by a team of highly skilled and experienced medical professionals. This department provides comprehensive, patient-centered care for a wide range of cardiac conditions, utilizing the latest technologies and surgical techniques to ensure the best possible outcomes.

- Heart Valve Replacement or Repair
- Coronary Artery Bypass Grafting (CABG)
- Complex Heart Surgeries
- Thoracic Surgeries
- Vascular Surgeries
- Heart and Lung Failure Program with ECMO Support



Cancer has been a dreaded word for a long time. A cancer diagnosis shocks not only the person receiving the news but also the entire family and support system.



Therefore, the first question to be answered is “what is cancer”. A simple answer to this is that cancer is a collection of cells that refuse to die. The human body is made up of millions of cells that perform different functions in the body. Normally cells have a life which means that all cells should die and be replaced. Cancer cells are immortal. And since they don’t die, they form a large mass which is called a tumour. These tumour cells invade local or distant areas causing damage to health tissue. Since cancer cells are produced by the body, killing them is tricky as it is difficult to differentiate them from normal healthy cells.

## DIAGNOSING CANCER

**EXAMINATION-** Self or doctor examination is usually the first step to diagnosing various cancers.

**LABORATORY TESTS-** Present day lab testing to diagnose cancers has increasingly become very precise and predictable. Tests like tumour marker tests, DNA detection tests, circulating tumour cells, etc. are extremely powerful tests to accurately diagnose cancers. Chandan Hospital has set-up state-of-the-art laboratory where such tests are performed.

**IMAGING-** CT scans, MRI imaging and the latest nuclear medicine techniques using PET CT scans and Gamma cameras accurately show the presence and extent of cancers. Chandan Hospital, has one 128 slice and one 384 slice Siemens Somatom GoTop CT Scan, one 1.5 Tesla and one 3.0 Tesla MRI. Chandan Hospital is proud to commission the Siemens Biograph Horizon-3R PET CT and the Siemens Symbia EVO Excel Gamma (SPECT) Camera System. With these latest imaging devices Chandan Hospital is now equipped with cutting-edge diagnostic services in cancer detection. Our team of Nuclear Medicine specialists and technicians ensure that no cancer diagnosis is missed, giving our cancer specialists accurate information so that they can in turn provide the best treatment to all our patients.

**BIOPSY-** Tissue samples extracted from the tumour site gives doctors definitive diagnosis with regard to the type of tumours. In some instances the entire tumour mass is surgically removed and sent for testing. We have advanced Histopathology lab and expert Histopathologists who provide timely and expert diagnosis to aid in cancer treatment.

## TREATING CANCER

After an accurate cancer diagnosis is achieved, a tumour board assesses the relevant information and suggests a comprehensive treatment plan. The board is made up of Medical, Surgical and Radiation Oncologists.

## RADIOTHERAPY

Radiation therapy uses high intensity X-rays to alter or damage cancer cell DNA to slow their growth. This therapy is performed by a machine known as a Linear Accelerator (LINAC). In the early days of radiotherapy most cells, even normal ones, in the area of the tumour would be obliterated. As radiotherapy became more advanced, radiation beams were fine tuned to only target tumour cells and spare normal cells. Advanced techniques like intensity-modulated radiation therapy (IMRT) and image-guided radiation therapy (IGRT) help target tumours precisely while minimizing damage to healthy tissues. Brachytherapy goes a step further in precision radiotherapy by using radioactive sources injected into the tumour to obliterate cancer cells. Chandan Hospital has commissioned the Siemens Varian TrueBeam -SVC with FFF. This machine is an advanced Linear Accelerator with superior imaging and accuracy thereby reducing treatment times. TrueBeam is equipped to perform all advanced radiotherapy techniques like 3D-CRT, IMRT, IGRT, RAPID-ARC, SRS, SBRT, SRT and TBI. In addition to the TrueBeam, we have also commissioned the Siemens Varian Gamma Med Plus iX for performing Brachytherapy. This machine is Compact and fully loaded to deliver smooth HDR treatment with high precision and safety using Iridium-192 (Ir-192). We have a full time team of Radiation Oncologist who provide cutting-edge therapies utilizing our advanced radiotherapy equipment to its fullest potential.

## CHEMOTHERAPY

Chemotherapy uses drugs to treat cancers by destroying cancer cells and preventing them from multiplying.

Some of the latest drug therapies used in the fight against cancer are:

**HORMONE THERAPY-** Cancer cells need hormones to grow. This therapy prevents cancer cells from receiving the hormones.

**IMMUNOTHERAPY-** Cancer cells affect the immune response of the body and drugs used in Immunotherapy help the body develop a robust immune response.

**TARGETED THERAPY-** Targeted Therapy uses specialized drugs that identify and attack specific molecules or genes involved in cancer growth. It delivers treatment more precisely, often reducing specific damage to healthy cells compared to conventional chemotherapy.

**CURATIVE THERAPY-** Chemotherapy (which may also include radiation and/or surgery) eliminates the cancer, and it doesn't return.

**NEOADJUVANT THERAPY-** Chemotherapy shrinks a tumour before surgery or radiation therapy.

**PALLIATIVE THERAPY-** Chemotherapy shrinks tumours and lessens symptoms but doesn't cure. Our full time team of Medical Oncologists ensure that cutting edge therapies are provided to all patients that require chemotherapy.

## SURGICAL ONCOLOGY

The vast field of surgical oncology employs the act of surgically removing tumours from their respective positions. This field has various subspecialties to ensure adequate expertise in handling local challenges that arise in excising tumours.

Chandan Hospital has an expert full-time team that comprises of Thoracic, Gastro, Hepato-Biliary-Pancreatic, Breast, Paediatric, Orthopaedic, Urological, Head and Neck, and Neurosurgical Cancer Surgeons to ensure that specialized care is provided to each and every patient that requires cancer surgery.

Diabetes mellitus (DM), commonly referred to as diabetes, is a group of metabolic disorders in which there are high blood sugar levels over a prolonged period. Symptoms of high blood sugar include frequent urination, increased thirst, and increased hunger. If left untreated, diabetes can cause many complications. Acute complications can include diabetic ketoacidosis, hyperosmolar hyperglycemic state, or death. Serious long-term complications include cardiovascular disease, stroke, chronic kidney disease, foot ulcers, and damage to the eyes.



Diabetes is due to either the pancreas not producing enough insulin or the cells of the body not responding properly to the insulin produced. There are three main types of diabetes mellitus:

- Type 1 DM results from the pancreas's failure to produce enough insulin. This form was previously referred to as "insulin-dependent diabetes mellitus" (IDDM) or "juvenile diabetes". The cause is unknown.
- Type 2 DM begins with insulin resistance, a condition in which cells fail to respond to insulin properly. As the disease progresses a lack of insulin may also develop. This form was previously referred to as "non insulin-dependent diabetes mellitus" (NIDDM) or "adult-onset diabetes". The most common cause is excessive body weight and insufficient exercise.
- Gestational diabetes is the third main form, and occurs when pregnant women without a previous history of diabetes develop high blood sugar levels.

Prevention and treatment involve maintaining a healthy diet, regular physical exercise, a normal body weight, and avoiding use of tobacco. Control of blood pressure and maintaining proper foot care are important for people with the disease. Type 1 DM must be managed with insulin injections. Type 2 DM may be treated with medications with or without insulin. Weight loss surgery in those with obesity is sometimes an effective measure in those with type 2 DM. Gestational diabetes usually resolves after the birth of the baby.

## SIGNS AND SYMPTOMS

The classic symptoms of untreated diabetes are weight loss, polyuria (increased urination), polydipsia (increased thirst), and polyphagia (increased hunger). Symptoms may develop rapidly (weeks or months) in type 1 DM, while they usually develop much more slowly and may be subtle or absent in type 2 DM.

Several other signs and symptoms can mark the onset of diabetes although they are not specific to the disease. In addition to the known ones above, they include blurry vision, headache, fatigue, slow healing of cuts, and itchy skin. Prolonged high blood glucose can cause glucose absorption in the lens of the eye, which leads to changes in its shape, resulting in vision changes. A number of skin rashes that can occur in diabetes are collectively known as diabetic dermadromes.

## DIABETIC EMERGENCIES

Low blood sugar is common in persons with type 1 and type 2 DM. Most cases are mild and are not considered medical emergencies. Effects can range from feelings of unease, sweating, trembling, and increased appetite in mild cases to more serious issues such as confusion, changes in behavior such as aggressiveness, seizures, unconsciousness, and (rarely) permanent brain damage or death in severe cases. Moderate hypoglycemia may easily be mistaken for drunkenness, rapid breathing and sweating, cold, pale skin are characteristic of hypoglycemia but not definitive. Mild to moderate cases are self-treated by eating or drinking something high in sugar. Severe cases can lead to unconsciousness and must be treated with intravenous glucose or injections with glucagon.

People (usually with type 1 DM) may also experience episodes of diabetic ketoacidosis, a metabolic disturbance characterized by nausea, vomiting and abdominal pain, the smell of acetone on the breath, deep breathing known as Kussmaul breathing, and in severe cases a decreased level of consciousness.

A rare but equally severe possibility is hyperosmolar hyperglycemic state, which is more common in type 2 DM and is mainly the result of dehydration.



The institute stands as a leader in advanced medical care, specializing in plastic, aesthetic/cosmetic and reconstructive surgery. Our team of highly skilled and experienced surgeons offers a wide range of specialized services focused on restoring, enhancing, and correcting both function and appearance. From reconstructive surgeries that restore function to cosmetic procedures that enhance aesthetics, our institute provides personalized, comprehensive care with precise and transformative results.



## OUR SERVICES

- Hair Transplant
- Face Rejuvenation
- Rhinoplasty
- Otoplasty
- Face Lift
- Breast Surgery-Augmentation, Reduction, Lift
- Gynaecomastia
- Labiaplasty & Vaginal Tightening
- Body Contouring
- Liposuction
- Abdominoplasty
- Body Lift
- Brazilian Butt Lift
- Arm Lift
- Diabetic Foot Unit
- Burn Unit
- Tendon Repair, Nerve Repair and Vascular Repair
- Reimplantation (Limb & Digit)
- Lymphedema Surgery
- Reconstruction of Post Cancer Surgery Defects
- Congenital deformity Correction (Clift Lift, Cleft Palate)



The Institute of Gastroenterology & Gastro Surgery at Chandan Hospital is a super specialized institute, set up with an aim to provide quality diagnostic and therapeutic services to patients suffering from any disorder associated with the esophagus, stomach, liver, pancreas, biliary tract, and small and large intestines. It is one of the most advanced centers with highly qualified and experienced Physicians and Surgeons, Critical Care Doctors, Interventional Radiologists, technicians, nurses and other support staff.



## GASTROENTEROLOGY

At Chandan Hospital, our advanced, state-of-the-art equipment and modern intensive care units are managed by the best gastroenterologists.

### WE TREAT THE FOLLOWING :

Gastritis | Dyspepsia | GERD | Peptic Ulcers | Hepatitis B & C | Gastrointestinal tuberculosis | Liver Cirrhosis | Viral Hepatitis | Alcoholic Liver Disease | Jaundice of Various Etiology | Fatty Liver | Inflammatory Bowel Disease | Irritable Bowel Disease | Malabsorption | Pancreatitis-Acute, Chronic | Ulcerative Colitis | Crohn's Diseases | Colorectal Diseases | Celiac Diseases | Gallstone | CBD Stone | Neonatal Cholestasis | Wilson's Disease | Autoimmune Hepatitis | Esophageal Cancer | Bile Duct Cancer | Cancer of Gall Bladder, Stomach, Pancreatic and Liver | Liver Abscess | Budd Chiari Syndrome | Gastrointestinal Bleeding

### COMPREHENSIVE SERVICES :

- Advanced Endoscopy
- Interventional Gastroenterology
- Colonoscopy
- Esophagogastroduodenoscopy (EGD)
- Endoscopic Retrograde Cholangiopancreatography (ERCP)
- Enteroscopy
- Fibro Scan of Liver
- Liver Biopsy, Percutaneous Liver Biopsy and Transjugular Liver Biopsy (TJLB)

### SPECIALIZED TREATMENTS :

EVL | Endoscopic Sclerotherapy & Glue Injection | Clips | Argon Plasma Coagulation (APC) | Stenting & Dilation for Esophageal & Colonic Strictures (both benign & malignant) | Achalasia Cardia Endoscopic Dilatation | Removal of intestinal polyp (polypectomy) | Foreign Body removal | Percutaneous Endoscopic Gastrostomy (PEG) Placement for Feeding Patients with Swallowing Difficulty | Naso-jejunal Tube Placement for Feeding of Critically Ill Patients | Piles Banding

## SURGICAL GASTROENTEROLOGY

The department has a modern infrastructure and modular operation theatres to regularly perform basic & advanced laparoscopic surgeries including abdominal procedures involving esophagus, stomach, small bowel, colon, appendix, gallbladder, bile ducts, pancreas and liver.



## OUR SERVICES

- Minimal Access Surgery
- Thoracoscopic Radical Esophagectomy
- Esophagocoloplasty
- Lower G.I. Surgery
- Colorectal Surgery
- Radical Gastrectomy
- Radical Cholecystectomy
- Laparoscopic Fundoplication
- Laparoscopic Cardiomyotomy
- Laparoscopic Gastrojejunostomy
- Laparoscopic Right / Left Hemicolectomy
- Laparoscopic Sigmoid Colectomy
- Laparoscopic LAR / APR / Sphincter Preservation Surgery
- Laparoscopic Restorative Proctocolectomy with Ileal Pouch Surgery
- Laparoscopic Appendicectomy
- Laparoscopic Small Intestinal Resection Anastomosis
- Laparoscopic Cholecystectomy
- Laparoscopic CBD Exploration
- Laparoscopic Cystogastrostomy
- Hepatobiliary & Pancreatic Surgery
- Major Liver Resections
- Choledochal Cyst Excision
- Roux-en-Y Hepaticojejunostomy
- Pancreaticoduodenectomy (Whipple's Operation)
- Distal Pancreatectomy / Splenectomy
- Bariatric Surgery or Weight Reduction Surgery (Including Laparoscopic Sleeve Gastrectomy & Laparoscopic Gastric Bypass)
- Haemorrhoids – Open Hemorrhoidectomy, Stapled Hemorrhoidopexy & Laser Hemorrhoid Surgery
- Anal Fissures – Fissurectomy & Lateral Internal Sphincterotomy, Laser Sphincterotomy
- Fistula-in-ano – Fistulectomy & Complex anal fistula repair, Laser Fistula Repair
- Rectal Prolapse – Open or Laparoscopic Suture or Mesh Rectopexy
- Repair of recto-vaginal and recto-vesical fistula
- Surgery for Pilonidal Sinus

The Chandan Institute of Liver Transplant & HPB surgery provides comprehensive care for all varieties of Liver, Pancreas, Gallbladder and Bile Duct diseases along with other Gastrosurgery services. We are primarily focussed on providing cost effective and successful Living donor Liver transplant and Deceased donor (Cadaveric) Liver Transplant procedures. Our team of experts has cumulative experience of thousands of liver transplants and Hepatobiliary surgeries at reputed national and international hospitals.

We have ultra modern infrastructure and internationally trained experts using cutting edge technology, including advanced Robotic and Laparoscopic procedures, for faster recovery. We deal with advanced Liver cancer, Gallbladder cancer, Pancreatic Cancer, Bile duct cancer and all varieties of Hepatobiliary stone diseases. We provide 24x7x365 care for patients of liver and biliary diseases with in-house stationed world class Liver Transplant and Hepatobiliary surgical/medical team, which is a unique advantage for the region.



## OUR SERVICES

- Living Donor Liver Transplant (Adult & Paediatric)
- Deceased Donor (Cadaveric) Liver Transplant
- Management of Acute Liver Failure and Chronic Liver Failure
- HepatoPancreato Biliary Services (all liver, gallbladder, pancreas, & bile duct diseases)
- Major Liver Resections (open/laparoscopic/robotic)
- Choledochal Cyst Excision
- Pancreatic Cancer Surgeries
- Bile duct Cancer Surgeries
- Liver Cancer surgeries
- Complex/High risk Gallbladder Stone, Bile duct Stone and Liver Stones Surgeries
- Liver Hydatid Cyst surgeries (Laparoscopic/Robotic/Open)
- Pancreaticoduodenectomy (Whipple's Operation) for Pancreatic Cancer
- Distal Pancreatectomy / Splenectomy
- Gallbladder Cancer surgeries
- Other Gastro Surgeries

## NEPHROLOGY

We provide exceptional clinical care for patients with both acute and chronic renal conditions. We are committed to treating all types of kidney disorders and abnormalities. Our services include clinical nephrology, hemodialysis, peritoneal dialysis, critical care nephrology, and renal transplantation.



### AT CHANDAN HOSPITAL, WE OFFER COMPREHENSIVE SOLUTIONS FOR ALL KIDNEY-RELATED DISEASES:

- **Chronic Kidney Disease (CKD)** - CKD means your kidneys are damaged and can't filter blood the way they should. The main risk factors for developing kidney disease are diabetes, high blood pressure, glomerulonephritis, stone diseases and a family history of kidney failure.
- **Glomerulonephritis (GN)** - It is the inflammation of the glomeruli, which are structures in your kidney that are made up of tiny blood vessels. These knots of vessels help filter your blood and remove excess fluids. If your glomeruli are damaged, your kidneys will stop working properly and you can go into kidney failure.
- **End-Stage Renal Disease (ESRD)** - It is a medical condition in which a person's kidneys cease functioning on a permanent basis leading to the need for a regular course of long-term dialysis or a kidney transplant to maintain life.
- **Kidney Cancer** - Kidney cancer happens when healthy cells in one or both kidneys grow out of control and form a lump (called a tumour).
- **Renal Stones** - Kidney stones (also called renal calculi, nephrolithiasis or urolithiasis) are hard deposits made of minerals and salts that form inside your kidneys. Diet, excess body weight, some medical conditions and certain supplements and medications are among the many causes of kidney stones. Kidney stones can affect any part of your urinary tract from your kidneys to your bladder.
- **Kidney Infection** - It is Inflammation of the kidney due to a bacterial infection. The inflammation of the kidney is due to a specific type of urinary tract infection (UTI). The UTI usually begins in the urethra or bladder and travels to the kidneys. Fever, frequent urination and pain in the back, side or groin are symptoms.
- **Nephrotic Syndrome** - It is a kidney disorder that causes the body to excrete too much protein in the urine. Nephrotic syndrome is often caused by damage to small blood vessels in the kidneys that filter waste and excess water from the blood. An underlying health condition usually plays a role. Symptoms include swelling around the eyes and in the feet and ankles, foamy urine and weight gain due to excess fluid retention.

## NEPHROLOGY TREATMENTS AND PROCEDURES

### A. RENAL REPLACEMENT THERAPY (RRT)

- **Dialysis** - Healthy kidneys clean your blood and remove extra fluid in the form of urine. They also make substances that keep your body healthy. Dialysis replaces some of these functions when your kidneys no longer work. Dialysis is a procedure to remove waste products and excess fluid from the blood when the kidneys stop working properly. There are 2 main types of dialysis - Haemodialysis & Peritoneal Dialysis.
- **HDF (Haemodiafiltration)** - HDF is a form of renal replacement therapy for the treatment of end stage renal failure. During HDF the machine removes more water from the blood than during conventional hemodialysis. The artificial dialyser removes the additional fluid as well as a higher level of toxins than conventional dialysis.
- **CRRT** - This modality is used in our ICU Patient care who need dialysis in ICU.

### B. KIDNEY TRANSPLANT

Kidney transplant or renal transplant is the organ transplant of a kidney into a patient with end-stage kidney disease. Kidney transplant is typically classified as deceased-donor or living-donor transplantation depending on the source of the donor organ. We perform both ABO Compatible transplant and ABO Incompatible transplant.

### C. RENAL BIOPSY

A renal biopsy is a procedure used to extract kidney tissue for laboratory analysis. The word "renal" describes the kidneys, so a renal biopsy is also called a kidney biopsy. The test helps your doctor identify the type of kidney disease you have, how severe it is, and the best treatment for it.



## UROLOGY

We excel in diagnosing and treating problems involving male, female and pediatric urinary and reproductive organs. From kidney stones to kidney transplantation, curing prostate, bladder and kidney cancers to restoring fertility, hypospadias to urinary incontinence, keyhole to no scar surgery, we deliver the best services in most patient friendly and cost-effective way with state-of-the-art urology armamentarium. Our institute has multiple subspecialties with trained experienced urologists from premier institutes of India. We have most advanced holmium laser, Urodynamics machine, 3D Laparoscopy monitors and camera, mini-PERC and Saline Bipolar TURP for treating patients with multiple comorbidities and requiring minimally invasive day care surgery.



## OUR SERVICES

### ADVANCED LASER ENDOUROLOGY

Minimally invasive prostate surgeries (Bipolar TURP and Holmium laser enucleation of prostate), TURBT, all types of stone surgeries from PCNL to mini PERC, RIRS, URS and ESWL.

### LAPAROSCOPIC UROLOGY

Laparoscopic surgeries of kidney like Pyeloplasty, Nephrectomy, Prostatectomy, Cystectomy are done routinely. 3D laparoscopy is a boon in urology cancer treatment and is done for removing prostate cancer and bladder cancer deep in the pelvis and also kidney surgery with utmost precision for quick and complete care of cancers.

### URO ONCOLOGY

Comprehensive management of prostate cancer like lap radical prostatectomy along with hormone and chemotherapy, kidney cancer (Lap radical and partial nephrectomy), bladder cancer (Lap radical cystectomy, Orthotopic neobladder and ileal conduit.)

### RECONSTRUCTIVE UROLOGY

All types of urethral stricture surgeries like DVIU and Buccal mucosa graft urethroplasty.

### URO GYNAECOLOGY

Sling surgery for urinary incontinence, VVF repair, UVF repair, Recurrent UTI, Pelvic floor repair for prolapse and Colposuspension surgery.

### PAEDIATRIC UROLOGY

Children need special care and different miniaturized instruments than adults for urology problems. We have dedicated staff and instruments for dealing with our cutie pies with urological problems like hypospadias, urinary reflux, posterior urethral valve, recurrent UTI and, stones with utmost care in a friendly atmosphere.

## **ANDROLOGY MALE SEXUAL HEALTH PROBLEMS AND INFERTILITY**

We provide three piece inflatable penile implants for severe erectile dysfunction. We routinely perform microscopic varicocele surgery and sperm retrieval procedure for infertility patients.

## **ADVANCED DIAGNOSTICS**

Urodynamics study, Penile doppler, TRUS biopsy of prostate and Testis biopsy/FNAC.

## **SALINE TURP / HOLEP**

It is done for patients having prostate enlargement cardiac problems and coagulations disorders. Patients can be discharged on next day without the complications of conventional TURP.

## **RIRS / ECRIS**

It is done to remove stone without any hole in body by the most powerful Holmium laser as a day care surgery so that patient can be discharged in a single day after the surgery.

## **URINARY INCONTINENCE**

We do extensive evaluation with urodynamics study and treat medically and surgically (slings, Vesico vaginal fistula repair, ureterovaginal fistula repairs and reimplants) for all types of incontinence.

## **KIDNEY TRANSPLANTATION AND AV FISTULA SURGERY**

We do laparoscopic donor kidney surgery with full safety of donor and live related kidney transplant for ultimate care of renal failure patients. We make all types of complex AV fistula for dialysis access.



**NEUROLOGY**

Neurology is a branch of medicine dealing with diagnosis and treatment of diseases of the brain and nerves. The Neurology department runs a Stroke Unit in association with emergency department for management of patients presenting with acute stroke.

**SOME COMMON CONDITIONS TREATED BY NEUROLOGISTS ARE :**

- Headache
- Backache
- Dizziness, vertigo, Imbalance and fall
- Epilepsy and Seizures
- Equipped Stroke Unit for Acute Stroke Case
- Neuropathic Pain
- Insomnia and other Sleep Disorders
- Movement Disorders
- Meningitis, Encephalitis
- Confusional State, Coma
- Dementia, Memory loss, Incontinence
- Parkinson Disease
- Alcohol withdrawal

**THE NEUROLOGY DEPARTMENT ALSO PROVIDES SERVICES LIKE :**

- CT Scan
- MRI
- Nerve Conduction Study
- Electromyography
- Electroencephalography
- Stroke Thrombolysis
- Vertigo Lab



## NEUROSURGERY

Neurosurgery is the medical speciality concerned with prevention, diagnosis, surgical treatment, and rehabilitation of disorders which can affect any portion of the nervous system including the brain, spinal cord, peripheral nerves and cerebro-vascular system.

Endovascular interventions in neurosurgery is a subspeciality which specializes in minimally invasive image based technologies and procedures used in the diagnosis and treatment of diseases of head, neck and spine. It is done mainly by a small puncture at groin into femoral artery and then via catheter which reaches into cerebral vessels and do diagnostic and therapeutic procedure. It has many advantages over microsurgery like shorter hospital stay, minimal pain, less bleeding and lesser brain injury.



## OUR SERVICES

- Brain Tumour Surgeries
- Head Injury
- Spinal Injury
- Spinal Tumours
- Hydrocephalus
- Trigeminal Neuralgia & Hemifacial Spasm
- Cerebro-Vascular Accident (Brain Haemorrhage)
- Brain Abscess
- Spina Bifida
- Cranio-Vertebral Anomalies
- Mechanical Thrombectomy (Acute Stroke)
- Mechanical Thrombectomy (Chronic Stroke)
- AVMs Embolization
- Endovascular Neurosurgery
- Lumbar and Cervical Disc Prolapse



## SPINE SURGERY

Back pain is one of the most common health problems prevalent among a large number of people around the world. Continuously sitting for long hours, lack of exercise and unhealthy working habits are some of the most common causes of back pain. Typically, back pain is treated with simple medications or exercises. It is only when all this fails and quality of life is severely affected that the doctors recommend spine surgery to treat severe and prolonged back pain condition.



Usually, doctors recommend surgery as a treatment option for spinal problems after several months of all other treatments, which fail to provide any relief to the patient's back problem. There are different kinds of spinal surgeries that the doctors may recommend after thoroughly assessing your health condition. Some of the most common types of spine surgery are listed below:

### Foraminotomy

This type of surgical procedure involves removing the tissues that compress the nerves in the back. During the surgery process, the surgeons remove parts of the bone that constricts the nerves in the spinal column. As stability of the spine is sometimes affected, a procedure called spinal fusion is also done.

### Laminectomy

This is one of the most widely recommended types of spine surgery for spinal conditions caused by spondylolisthesis and stenosis. The surgery involves removing parts of the back bone, to relieve pressure on the spinal nerves. The surgery is usually performed in combination with spine fusion surgery when instability of spine is suspected.

### Spinal Disc Replacement

Although this surgical procedure is not very common, it is applied as one of the new surgical treatments for back pain. An artificial disc is used to replace the damaged spinal disc, which is present between the vertebrae. This surgery permits continued spine mobility and can be done without spine fusion.

### Spine Fusion

This surgery involves joining two vertebrae together to increase spine stability. This results in restricted movements and limits stretching of nerves.



Chandan Hospital is committed to providing outstanding Obstetrics & Gynaecology Services. We are at the forefront of women's health with our innovative technology, pioneering treatments, and expertise in gynaecology, oncology, fertility, and maternity care. All women deserve personalized care and clinical excellence through all stages of their lives. We care for women of all ages with a focus on establishing long lasting relationships with our patients.



## OUR SERVICES

### FERTILITY

Chandan Hospital gives people their very best chance of a successful pregnancy. We offer access to specialist Reproductive treatments and continuity of care from diagnosis to delivery.

### MATERNITY

Our priority is to give the pregnant woman a chance of normal delivery supervised by our on floor skilled obstetricians. The safety and wellbeing of every woman and baby in our care is our number one priority making us a safe pair of hands at this exciting time in life. For women who need that extra support and care, we offer specialist clinics for women with medical and obstetric complications.

#### Our Facilities:

- Routine Pregnancy Check ups
- Normal Labour and Delivery Services
- Painless Normal Delivery
- High Risk Pregnancy Management
- Pregnancy Ultrasounds
- 24 Hours Caesarean Delivery Facilities
- Neonatal ICU with 24 hours paediatricians

### GYNAECOLOGY

Offering a comprehensive range of gynaecology services our specialists are leaders in their field and cover all aspects of gynaecological care. We are the specialist regional centre for cancer services, known as gynaecology oncology.

## Our Facilities :

- Menstrual Disorders Management
- Management of Fibroids and Endometriosis
- PCOS Clinic
- Perimenopausal and Menopausal Clinic
- Paediatric and Adolescent Gynaecology Services
- Contraception Services
- Gynaecological Surgeries
- Cancer Screening and Management
- Gynaecological Cancer Surgeries and Chemotherapy
- Well Women Screening Checkup
- Urogynaecology

## LAPAROSCOPY

The surgeons and staff at Chandan Hospital are committed to providing the best minimal access surgical care using their skills combined with the latest technologies.

## Our Facilities :

- Diagnostic Laparoscopy and Hysteroscopy
- Total Laparoscopic Hysterectomy
- Removal of Fibroids and Ovarian Cysts (Lap Myomectomy / Lap Cystectomy)
- Tubal Ligation
- Laparoscopic management of Ectopic Pregnancy
- Vault Suspension
- Operative Hysteroscopy





## OUR EXPERTISE

- Female and Male Fertility
- Female and Male Subfertility
- Recurrent Pregnancy Loss
- Recurrent Implantation Failure
- Ovulation Induction
- IVF (In Vitro Fertilization), IUI (Intrauterine Insemination)
  - Oocyte retrieval
  - ICSI (Intracytoplasmic Sperm Injection)
  - FET (Frozen Embryo Transfer)
  - Fertility Preservation





Institute of Paediatrics & Neonatology is dedicated to providing specialized medical care for infants, children, and adolescents. The institute is involved in pioneer work which provides Neonatal Intensive Care Unit and Paediatric Intensive Care Unit along with OPD services including Vaccination, Growth and Development Clinics and management of common childhood illnesses such as infections, allergies, and asthma. Our paediatricians are available 24x7.

## **OUR SERVICES**

### **NEONATAL INCUBATORS AND THERMOREGULATION**

Baby incubators are designed to support developmental care for neonates to provide a safe and calming environment to protect developing lungs, brains, eyes and ears. Our incubators help create an individualized microclimate in the Neonatal Intensive Care Unit where thermoregulation and the right light and sound levels work together to care for the newborn in a safe, stable and nurturing way.

### **NEONATAL VENTILATION**

The challenges of prematurity and neonatal ventilation are truly substantial. Preventing pulmonary injury, immature lungs and underdeveloped breathing regulation mechanisms require extremely gentle ventilation and advanced technologies. We have dedicated neonatal ventilators along with expert neonatologists at our centre, providing safe and protected caring environment for our most vulnerable patients.

### **LIGHT-EMITTING DIODES (LED) PHOTOTHERAPY**

At our institute, we have LED phototherapy which is the best at managing hyperbilirubinemia. Its efficacy to decrease bilirubin levels (because the light interacts with bilirubin at the skin level to transform it in water soluble products eliminated in urine and stools without liver metabolism) relies on the irradiance dispensed at the skin level by device (in the 430-490nm range) and on the exposed surface of the baby.

### **ROP (RETINOPATHY OF PREMATURE SCREENING)**

Retinopathy of prematurity (ROP) is a potentially blinding eye disorder that primarily affects premature infants weighing about 2¾ pounds (1250 grams) or less or that are born before 31 weeks of gestation (a full-term pregnancy has a gestation of 38–42 weeks). The smaller a baby is at birth, the more likely that baby is to develop ROP. This disorder which usually develops in both eyes is one of the most common causes of visual loss in childhood and can lead to lifelong vision impairment and blindness.

## BREAST FEEDING

Breastfeeding is one of the most effective ways to ensure child health and survival. Breastmilk is the ideal food for infants. It is safe, clean and contains antibodies which help protect against many common childhood illnesses. Breastmilk provides all the energy and nutrients that the infant needs for first 6 months of life. Breastfed children perform better on intelligence tests and are less likely to be overweight or obese and less prone to diabetes later in life. Women who breastfeed also have a reduced risk of breast and ovarian cancers. We ensure breastfeeding of newborns by teaching mothers the correct technique of feeding as well as motivating them for breastfeeding.

## KANGAROO MOTHER CARE (KMC)

Kangaroo mother care (KMC) refers to care of preterm or low birth weight infants by placing the infants in skin-to-skin contact with the mother or any other caregiver.

## IMMUNIZATION

We provide comprehensive immunization services that ensure safe, timely and effective vaccination for all age groups. We follow strict cold-chain protocols and expert supervision to deliver every vaccine with accuracy and care.

## OPD SERVICES

At our OPD, with each visit of children we ensure that the child is growing well with the help of our growth charts. If the child is growing well, the next step is to provide appropriate feeding advice for the child's upcoming age group, so that the child will continue to grow well. We manage common childhood illnesses such as infections, allergies and asthma.



With extensive experience and expertise in surgical therapies for newborns, children, adolescents and young adults, Chandan Hospital's Institute of Paediatric Surgery provides 24 hours services for elective and emergency surgical needs of patients from birth to 18 years of age, covering all conditions and illnesses that affect the body. Our goal is to heal your child with the same compassion, diligence and unwavering determination we would give in treating our own.

## WHY CHOOSE CHANDAN HOSPITAL FOR YOUR CHILD'S SURGERY?

Paediatric surgery patients at Chandan Hospital benefit from immediate access to the full range of paediatric medical and surgical services that only a dedicated, comprehensive children hospital and paediatric academic medical centre can provide. The highly trained, experienced team of surgical professionals at Chandan Hospital, understand that children are not simply small adults rather, children have growing bodies and unique needs and experience specific paediatric illnesses that require specialized care.

We ensure access to cutting-edge technology and research not available at any other children hospital. We have fully equipped Pathology and Radiological centre for interventional and diagnostic care under one roof.

Chandan hospital has complete modern equipment and support needed for surgical management of small and big children like NICU, PICU, Post-operative ICU, full range of laparoscopic, endoscopic, colonoscopic, bronchoscopic and cystoscopic instruments.



## OUR SERVICES

- Paediatric Genito-urology
- Minimal invasive Surgeries
- Paediatric Neurosurgery
- Paediatric General Surgery
- Paediatric Oncology
- Paediatric Trauma
- Paediatric Gastroenterology
- Paediatric Thoracic Surgeries

Chandan Institute of ENT, Head & Neck Surgery is recognized for its excellence in the comprehensive management of ear, nose and throat disorders. We treat conditions that include diseases of the throat, airway, hearing and balance disorders, allergy and sinus conditions, voice disturbances and complex tumors of the mouth, throat, thyroid, salivary glands and skull base.

The Institute is equipped with advanced medical technology and staffed by experienced surgeons and other healthcare professionals who are experts in their fields. The institute is involved in pioneering work and benefits patients in field of Cochlear implants, endoscopic nasal surgery, microscopic ear surgery and Sublingual Immunotherapy (SLIT).

The Institute has advanced testing armamentarium in the form of Pure Tone Audiometry (PTA), Impedance Audiometry (Tympanometry), Brain Evoked Response Audiometry (BERA), and Endoscopic examination of Ear, Nose and Throat. Pan endoscopy can be done to all suspected patients of oral and laryngeal cancers to identify primary site of cancer along with metastasis.

## OUR FACILITIES

### EAR

- Microscopic surgery for Discharging Ears
- Cochlear Implant Surgery
- Ear Cancer & Temporal Bone Surgery
- Facial Nerve Surgery
- Deafness Treatment
- Vertigo Clinic & Treatment
- Audiology: PTA / Impedance / OAE / BERA



### NOSE

FESS | Endoscopic DCR Surgery | Endoscopic Surgery for Pituitary & Skull Base Tumours | Endoscopic Surgery for CSF Rhinorrhea | Endoscopic Surgery for Cancers of Nose & Sinus | Endoscopic Clipping of artery for Nosebleed | Allergy Clinic & Treatment | Diagnostic Nasal Endoscopy

### THROAT

Bloodless Tonsil & Adenoid Surgery | Microlaryngeal Surgery | Oral Cancer Evaluation & Surgery | Larynx (voice box) Cancer Evaluation & Surgery | OSA (Obstructive Sleep Apnea) Evaluation & Surgery

### HEAD & NECK

Parotid Surgery | Submandibular Gland surgery | Branchial Sinus Surgery | Thyroglossal Sinus Surgery | Thyroid Surgery | Skull Base Surgery | Head & Neck Cancer Surgery | Foreign Body Removal from Ear / Nose / Throat



Chandan Institute of Respiratory and Sleep Medicine is endowed with state-of-the-art facilities at par with international standards. The branch deals majorly with chest diseases involving airways, lungs and pleura along with Sleep Disordered Breathing. The institute is involved in pioneering work and has benefited patients in the field of tuberculosis, asthma, allergy, COPD, lung cancers, infectious lung diseases and sleep apnea.

The Institute has advanced pulmonary function testing systems including DLCO - an apparatus introduced for complex pulmonary function testing and treatment of various lung disorders. It is also equipped with fiberoptic video bronchoscope for early diagnosis of lung cancer, pneumonias and other rare lung diseases. Medical thoracoscopy is performed to diagnose pleural cancer in early stages as well as treating complex pleural conditions.

Chandan Institute of Respiratory and Sleep Medicine is concerned with diagnosis, treatment and continuing care of patients with a considerable and challenging range of pathologies. They include:

- Allergy
- Asthma
- Chronic Obstructive Pulmonary Disease (COPD)
- Tuberculosis
- Pneumonia
- Bronchiectasis
- Interstitial Lung Diseases (ILD)
- Management of Chronic & Acute Respiratory Failure
- Sleep Apnea
- Lung Carcinoma

## OUR FACILITIES

- Pulmonary Function Test (Spirometry)
- Diffusing Capacity of the Lungs for Carbon Monoxide (DLCO)
- Bronchoscopy Unit
- Medical Thoracoscopy
- Sleep Study (Polysomnography)
- Endobronchial Ultrasound (EBUS)
- Impulse Oscillometry (IOS)

Chandan Institute of Internal Medicine plays a critical role in the diagnosis, treatment, and management of a wide range of adult diseases. It deals with comprehensive care of patients with complex and chronic illnesses, coordinating care across specialties, and focusing on preventive health.



## SOME IMPORTANT ILLNESSES WE TREAT

**INFECTIOUS DISEASES-** Fever with generalized weakness is a very common complaint. It may be because of viral, bacterial, fungal or parasitic infections along with a wide range of serious and difficult-to-diagnose infectious diseases including Septicemia.

**HEMATOLOGICAL DISORDERS-** We diagnose patients suffering from hematological disorders like anemia/low platelets count with wide range of investigations and help with proper treatment.

**DIABETES-** We provide comprehensive diabetes care including diagnosis, treatment, lifetime management and long term monitoring to ensure optimal health and control of the condition.

**HYPERTENSION-** High blood pressure is sometimes life threatening. We try to diagnose patients suffering from prehypertension and hypertension as early as possible and provide medical treatment with lifestyle modification for better life.

**DYSLIPIDEMIA-** Deranged lipid/cholesterol levels are dangerous for heart and life. We diagnose patients suffering from dyslipidemia and provide treatment and counseling.

**THYROID DISORDERS-** Deranged thyroid hormone level can present with multiple symptoms like weight gain, weight loss, high blood pressure, hair fall or skin roughness. We diagnose different types of thyroid disorders and provide proper treatment as per patient requirements.

**GASTROINTESTINAL DISORDERS-** We provide care for digestive system disorders, including liver disease and gastrointestinal conditions.

**ARTHRITIS-** Joints pain, swelling, redness, stiffness are common symptoms of arthritis. It may be because of infection or inflammation in joints.

**ALLERGY-** Symptoms of allergy include cough, cold, runny nose, breathlessness, skin rashes, itching, headache, recurrent sneezing, eye redness, burning and dry skin or facial swellings. Multiple types of allergens are responsible for it.





Chandan Institute of Ophthalmology and LASIK Surgery deals with the anatomy, physiology and diseases of the eyeball and orbit.



## Diseases

- Refractive errors including near-sightedness, far-sightedness, etc.
- Cataract
- Glaucoma
- Macular degeneration
- Diabetic Retinopathy
- Dry Eyes
- Strabismus (misalignment/deviation of eyes)
- Proptosis (bulged eyes)
- Excessive tearing (nasolacrimal duct obstruction)
- Uveitis
- Eye tumors

## Eye Examinations

- Visual acuity
- Refraction
- Intraocular pressure measurement
- Slit lamp examination
- Retina examination

## Specialized Tests

- Optical coherence tomography
- Fluorescein angiography
- Ultrasonography





## DENTAL TREATMENTS

The majority of dental treatments are carried out to prevent or treat the two most common oral diseases which are dental caries (tooth decay) and periodontal disease (gum disease or pyorrhea). Common treatments involve the restoration of teeth, extraction or surgical removal of teeth, scaling and root planning and endodontic root canal treatment.



## SPECIALITIES

**ENDODONTICS**- Root canal therapy and diseases of the dental pulp and periapical tissues.

**GERIODONTICS**- The delivery of dental care to older adults involving the diagnosis, prevention, and treatment of problems associated with normal aging and age-related diseases as part of an interdisciplinary team with other health care professionals.

**ORAL AND MAXILLOFACIAL SURGERY (ALSO CALLED ORAL SURGERY)**- Extractions, implants, and surgery of the jaws, mouth and face.

**ORAL IMPLANTOLOGY**- The art and science of replacing extracted teeth with dental implants.

**ORAL MEDICINE**- The clinical evaluation and diagnosis of oral mucosal diseases.

**ORTHODONTICS AND DENTOFACIAL ORTHOPEDICS**- The straightening of teeth and modification of midface and mandibular growth.

**PEDIATRIC DENTISTRY (ALSO CALLED PEDODONTICS)**- Dentistry for children

**PERIODONTOLOGY (ALSO CALLED PERIODONTICS)**- Treatment of diseases of the periodontium (non-surgical and surgical) as well as placement and maintenance of dental implants.

**PROSTHODONTICS (ALSO CALLED PROSTHETIC DENTISTRY)**- Dentures, bridges and the restoration of implants.

## DENTAL X-RAY - OPG (ORTHOPANTOMOGRAM)

A panoramic radiograph at Chandan Hospital is a panoramic or wide view X-ray of the lower face, which displays all the teeth of the upper and lower jaw on a single film. Principal advantages of panoramic images are broad coverage of facial bone and teeth, low patient radiation dose and convenience of examination for the patient (films need not be placed inside the mouth). It can be used in patients who cannot open the mouth or when the opening is restricted e.g., due to trismus.



Psychiatry is the medical specialty devoted to the diagnosis, prevention and treatment of mental disorders. These include various maladaptations related to mood, behaviour, cognition and perceptions.



Initial psychiatric assessment of a person typically begins with a case history and mental status examination. Physical examinations and psychological tests may be conducted. On occasion, neuroimaging or other neurophysiological techniques are used.

The combined treatment of psychiatric medication and psychotherapy has become the most common mode of psychiatric treatment in current practice but contemporary practice also includes a wide variety of other modalities, e.g., assertive community treatment, community reinforcement, and supported employment. Treatment may be delivered on an inpatient or outpatient basis, depending on the severity of functional impairment or on other aspects of the disorder in question.

## SUBSPECIALTIES

- Addiction psychiatry
- Brain Injury Medicine
- Child and Adolescent Psychiatry
- Clinical neurophysiology
- Forensic psychiatry
- Geriatric psychiatry
- Hospice and palliative medicine
- Pain medicine
- Psychosomatic medicine (also known as consultation-liaison psychiatry)
- Sleep disorders

## ADDITIONAL PSYCHIATRY SUBSPECIALTIES INCLUDE

- Cross-cultural psychiatry
- Emergency psychiatry
- Learning disability
- Neurodevelopmental disorder
- Cognition diseases as in various forms of dementia
- Social psychiatry
- Neuropsychiatry

At Chandan Institute of Radiodiagnosis, we are dedicated to providing world-class diagnostic imaging with precision, compassion, and expertise. Our advanced technology and experienced team support, timely diagnosis and personalized care, play a vital role in the treatment journey of every patient. Our dedicated team of radiologists and technicians collaborates closely with specialists across all departments to deliver accurate diagnoses and holistic care. We combine cutting-edge technology with a patient-first approach to ensure comfort, safety, and timely results.



## OUR STATE-OF-THE-ART FACILITIES INCLUDE

- Siemens Biograph Horizon 3R PET CT
- Siemens Symbia EVO Excel Gamma (SPECT) Camera System
- 1.5 Tesla & 3 Tesla MRI for detailed and high-resolution imaging, assisting in neurological, musculo skeletal, and complex medical conditions.
- 64 Slice & 256 Slice CT Scans for fast and accurate imaging in trauma cases, neurology, oncology, cardiac and emergency care, while ensuring minimal radiation exposure.
- USG Colour Doppler for comprehensive evaluation of blood flow, soft tissue structures, abdominal organs and vascular conditions with precision and safety.
- Fetal Medicine Imaging for prenatal care, ensuring the health and development of both mother and baby with expert monitoring and assessment.
- Cardiac Imaging solutions for heart-related conditions, providing detailed evaluation of coronary arteries and cardiac structure to guide treatment.
- Renal Transplant Imaging for kidney transplant evaluation, helping in pre-operative planning, post-operative monitoring, and long-term care.

Department of Interventional Radiology offers cutting edge minimally invasive diagnostic and therapeutic services.



## OUR SERVICES

- FNACs, biopsies, and drainages
- Venous access procedures: central & peripheral lines, Permacath placement
- Venoplasty and fistuloplasty
- Management of varicose veins
- Management of peripheral vascular disease and gangrene
- Vascular Stenting Interventional Oncology



## DA VINCI XI ROBOT™ BY INTUITIVE™

Built from nearly three decades of experience integrating robotics technology with advanced software, da Vinci systems deliver precision, vision, and control.



The Xi system sets the standard as the most widely used multiport robotic surgery system in the world. Da Vinci Xi delivers proven capabilities for a wide spectrum of procedures.

## PROCEDURES DONE USING DA VINCI ROBOT

### CARDIAC SURGERY

- Coronary Artery Bypass grafting (CABG)
- Mitral Valve Repair

### COLORECTAL SURGERY

- Colon resection surgery
- Rectal resection surgery
- Rectopexy or rectal prolapse surgery

### LAPAROSCOPIC SURGERY

- Bariatric surgery
- Gallbladder surgery
- Inguinal hernia repair
- Ventral hernia repair
- Nissen fundoplication
- Gastrectomy
- Pancreatotomy
- Whipple procedure
- Small bowel surgery
- Splenectomy

### GYNAECOLOGY

- Hysterectomy
- Pelvic organ prolapse surgery
- Myomectomy
- Endometriosis resection



## HEAD AND NECK SURGERY

- Surgery for benign and malignant tumors of the mouth and throat classified as T1 and T2
- Benign base of tongue resections

## THORACIC SURGERY

- Lung biopsy
- Lung surgery
- Mediastinal Mass Resection
- Thymectomy

## UROLOGY

- Prostatectomy
- Partial and Total Nephrectomy
- Pyeloplasty
- Cyst Removal
- Cystectomy
- Ureteral Implantation

## MAKO SMART ROBOT™ BY STRYKER™

Stryker's proprietary Smart Robotics is designed to elevate surgeon control and confidence and optimize implant placement by combining 3D CT-based planning and AccuStop™ haptic technology.



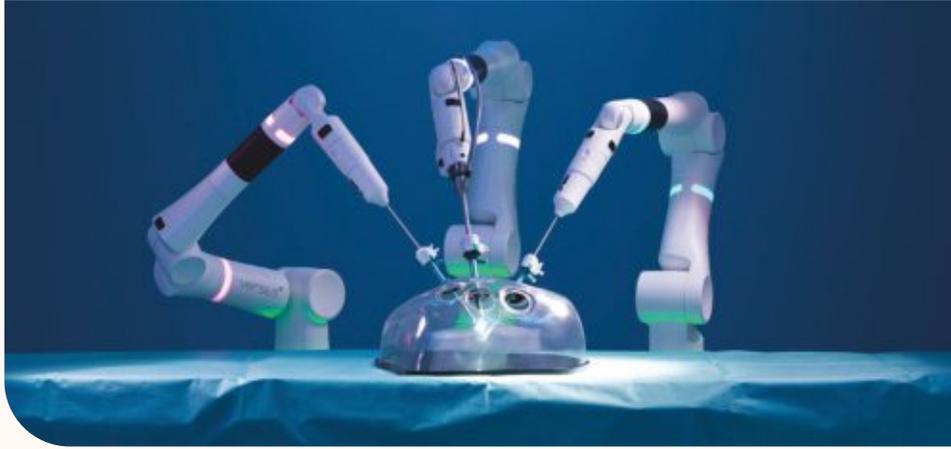
Mako SmartRobotics™ combines three key components-3D CT-based planning, AccuStop™ haptic technology and insightful data analytics, into one platform which, in comparison to manual techniques, shows increased accuracy and precision of component placement to plan.

The robot can perform 4 types of procedures i.e. Total Knee Replacement, Partial Knee Replacement, Total Hip Replacement and Spine surgeries on a single platform which is its unique feature.

The Mako Robot reduces pre-surgical planning, surgical time and post operative recovery ensuring that patients benefit from reduced stay in the hospital and quicker turnaround to their normal routines.

**VERSIUS ROBOT™ BY CMR SURGICAL™**

The Versius Robot™ was developed as a small, compact and versatile robot that can be transported to any surgical setting with ease.



This versatility ensures that Versius remains the most cost effective robot in terms of consumables used and instrumentation, reducing the burden of care on patients.

Chandan Hospital is one of few hospitals in India that has both the Da Vinci™ and Versius™ robotic systems ensuring world class minimally invasive robotic surgeries suiting all patient's needs.

**SWEPT SOURCE OCT BIOMETER BY ALCON ARGOS™**

ARGOS® is an industry-leading SS-OCT biometer used to measure eye parameters for patients before cataract surgery.





## OUR SERVICES

01  
02

**Chandan Emergency And  
Trauma Centre**

**Chandan Institute Of Critical  
Care And Anesthesiology**

03  
04

**Chandan Heart Institute**

**Chandan Institute of Orthopaedics  
& Rehabilitation**

05  
06

**Chandan Cancer Institute**

**Institute of Endocrinology  
& Diabetology**

07  
08

**Chandan Institute of Plastic,  
Aesthetic & Reconstructive Surgery**

**Chandan Institute of Gastroenterology  
& Gastro Surgery**

09  
10

**Chandan Institute of Liver  
Transplant & HPB Surgery**

**Chandan Institute of Renal  
Sciences and Kidney Transplant**

11  
12

**Chandan Institute Of  
Neurosciences & Spine Surgery**

**Chandan Institute Of Obstetrics  
& Gynaecology**

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**Chandan Institute of Fertility  
and IVF**

**Chandan Institute of  
Paediatrics & Neonatology**

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**Chandan Institute of  
Pediatric Surgery**

**Chandan Institute Of Ent, Head  
& Neck Surgery**

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**Chandan Institute of Respiratory and Sleep Medicine**

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**Chandan Institute of Internal Medicine**

**Chandan Blood Center**

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**Chandan Institute of Dermatology**

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**Chandan Institute of Ophthalmology and Lasik Surgery**

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**Chandan Institute of Dentistry & Maxillofacial Surgery**

**Department of Psychology & Psychiatry**

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**Chandan Institute of Radiodiagnosis**

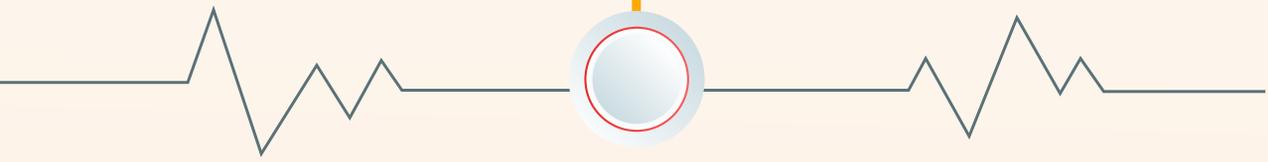
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**Chandan Institute of Interventional Radiology**

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**Chandan Institute of Robotics Surgery**



## HOSPITAL HIGHLIGHTS

- | 400+ Beds
- | 16 Emergency Beds
- | 135+ ICU Beds (MICU, Neuro ICU CCU, CTVS, SICU, NICU & PICU)
- | Advanced life support facilities including ECMO
- | 13 Modular Operation Theatres
- | 2 Fully equipped (Philips Azurion7) Cath Labs providing 24x7 Cardiology and Interventional Radiology Services
- | 40+ Medical and Surgical specialties
- | Fully digital OPD services including Diagnostic and Pharmacy Services
- | 24x7 Quick Response Ambulance Service with GPS mapping and doctor on board
- | 23 Dialysis beds with 24x7 facilities including HD, HDF, CRRT Dialysis Services
- | 24x7 Diagnostics, Blood Centre and Pharmacy



**CHANDAN HOSPITAL**

Ayodhya Road, Vijayant Khand, Gomti Nagar  
Lucknow-226010



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0522 6666669



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