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GOOD  HEALTH MATTERS.






Creating Pathways for Exceptional **Gastrointestinal Care.**

Changes in dietary habits and lifestyle over the years have resulted in gastrointestinal disorders such as chronic acidity, burping, constipation, rectal bleeding, vomiting, diarrhoea, indigestion, acid reflux, gallstones, and CBD stones, resulting in a lot of discomforts and ill health. The increased use of alcohol, fatty foods, and lack of exercise leads to liver diseases such as fatty liver and cirrhosis of liver which can be fatal and may require urgent intervention and timely treatment.

The Centre of Excellence in Gastro Sciences at Caritas Hospital & Institute of Health Sciences is a comprehensive centre offering a wide range of services to diagnose and treat conditions related to the digestive system. Our expertise addresses common and complex GI disorders, including Hernia, IBD, Pancreatitis and GERD (stone diseases of gallbladder, liver cirrhosis and cancers of esophagus, stomach, intestine, liver, pancreas and gallbladder). Our team-based approach brings gastroenterologists, gastrosurgeons, and other specialists together under one roof to provide high-quality medical care round-the-clock.



Key Procedures in Gastroenterology

Our team combines expertise with advanced diagnostic tools to identify the cause of gastrointestinal symptoms. We believe in the holistic management of health conditions and also ensure personalized treatment plans for your precise needs.

Endoscopic Procedures

Colonoscopy

A Colonoscopy is a medical test to help find potential problems in the colon (large intestine), such as early diagnosis of colorectal cancer or polyps. The procedure is done using a long, flexible tube called a Colonoscope. The tube has a light and a tiny camera on one end. It is put in the rectum and moved into the colon.

Endoscopic Ultrasound

Endoscopic Ultrasound is used for the diagnosis of a whole lot of intra-abdominal lesions including mass lesions inside the abdomen and its biopsy, diagnosis of bile duct stones, etc.

It enables therapeutic procedures including coiling of enlarged gastric varices, drainage of intra-abdominal cyst/gallbladder, to restore communication of an obstructed intestine, etc.

Highlights

- 1,00,000+ Endoscopies
- 50,000+ Colonoscopies
- 5000+ Special Procedures
 - 3000+ ERCP Procedures
 - 1500+ Endoscopic Ultrasound Procedures (EUS)

Upper GI Endoscopy

Upper GI Endoscopy is a procedure that uses a flexible endoscope to visualize the upper GI tract. The upper GI tract includes the esophagus, stomach, and duodenum.





ERCP

ERCP is an endoscopic technique primarily used to drain obstructed biliary & pancreatic system and extraction of biliary calculi.

Enteroscopy

Enteroscopy is a procedure to examine the small intestine (small bowel) and treat issues at the same time.

**Accuracy at
Every Step of
Diagnosis and
Treatment.**

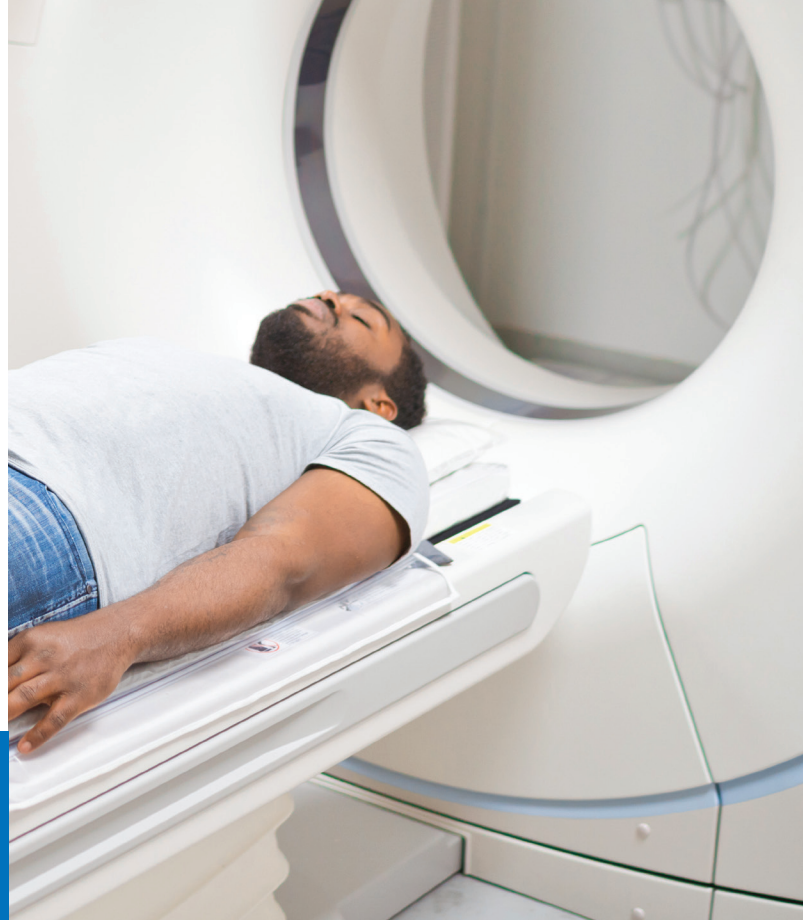
More Precise to Improve Gut Health.

Diagnostic Imaging

Diagnostic Imaging plays a pivotal role in enhancing clinical care in patients with gastrointestinal diseases by facilitating accurate diagnosis. The state-of-the-art novel imaging techniques shed light on tumor biology, detect cancer development early, differentiate benign from malignant lesions, and even predict treatment response and prognosis in various gastrointestinal disorders.

Computed Tomography (CT) Scan

A CT (Computed Tomography) scan is a type of X-ray that creates 3-dimensional images of your body, including bones, organs, and tissues. It is commonly used to diagnose tumors, infections, blood clots, and internal bleeding.



Magnetic Resonance Imaging (MRI)

Magnetic Resonance Imaging or MRI, is a non-invasive medical imaging test that produces detailed images of almost every internal structure in the human body, including organs, bones, muscles, and blood vessels.

Abdominal X-ray

An abdominal X-ray is used to evaluate the stomach, liver, intestines, and spleen and may also help diagnose unexplained pain, nausea, or vomiting.

Ultrasound

An Ultrasound scan is a non-invasive diagnostic procedure that uses high-frequency sound waves to produce images of the internal structures of the body. An Ultrasound scan can be used to diagnose a condition or guide a surgeon during certain procedures.

Comprehensive Tools

- **Ultrasound-Guided Attenuation Parameter (UGAP)** enables quantification of liver steatosis to aid in early identification and monitoring of patients with NAFLD, NASH or ASH.
- **Contrast Enhanced Ultrasound (CUS)** helps clinicians clearly visualize tissue structure and lesion vascularity for confidence in lesion detection and characterization.

Nuclear Medicine and PET-CT

Nuclear Medicine Imaging procedures are non-invasive and usually painless. The scans help to diagnose many conditions, including cancers, injuries and infections.

We use Gamma Camera and PET-CT scanners for functional and metabolic imaging, utilizing various radiopharmaceuticals.

- 99mTc-Mebrofenin Hepatobiliary Scintigraphy
- 99mTc Red Blood Cell Scintigraphy
- 99mTc Sulfur Colloid Liver Spleen Imaging
- 99mTc-MAA Hepatic Arterial Perfusion Scintigraphy
- GE Reflux, Gastrointestinal Bleeding, Gastric Motility, Intestinal Transit, Meckel's Scintigraphy, etc.

Radionuclide Therapy

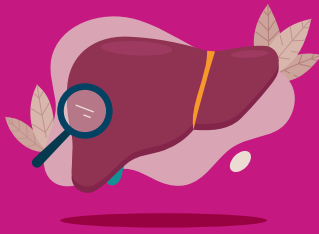
We offer;

- Trans Arterial Radio Embolization (TARE) for Liver Tumors
- 177Lu-Dotatate Radionuclide Therapy for Neuroendocrine Tumors that Arise from the Pancreas, Bowel, and Lungs

Liver & Pancreas Clinic

The Liver & Pancreas Clinic is an out-patient clinic that provides comprehensive care in preventing, diagnosing, and treating diseases affecting the liver, pancreas, bile ducts, and gallbladder with the help of highly skilled gastroenterologists and gastrosurgeons.

The most common ailments seen in the OPD are Liver Cirrhosis, Alcoholic Liver Disease, Fatty Liver or Non-alcoholic Liver Disease, Hepatitis B & C, Pancreatitis and Cholangitis.



Advanced **Surgical Procedures.** Enhanced **Clinical Outcomes.**

Division of **Surgical Gastroenterology, GI and HPB Oncosurgery & Liver Transplantation**

The Surgical Gastroenterology, GI and HPB Oncosurgery & Liver Transplantation division at Caritas Hospital & Institute of Health Sciences is one of the best in Central Travancore for managing digestive disorders through surgical interventions. The division emphasizes a collaborative team approach allowing accurate diagnosis and treatment with the best possible outcomes. We have successfully performed over 2500 gastrointestinal surgeries. We also ensure precise care for a wide spectrum of conditions like upper gastrointestinal diseases, hepato-pancreato-biliary diseases and colorectal diseases of benign and malignant causes, with advanced facilities in GI Pathology and GI Oncosurgery.

- **2000+**
GI Surgeries Performed
- **500+**
Laparoscopic Surgeries
for GI Cancers



SCOPE OF SERVICES

■ HPB Surgeries: (Minimally Invasive (Keyhole) Surgery and Open Surgery)

- HPB (Hepato-Pancreato-Biliary) surgery is a subspecialty specific to benign and malignant diseases of the liver, pancreas and bile ducts. The HPB team includes gastro & HPB surgeons, diagnostic/interventional radiologists, hepatologists, gastroenterologists, oncologists, and pathologists with a special interest in biliary, liver and pancreatic diseases.

Gallbladder

- Keyhole/Open Surgery for Gallbladder Stones & Gallbladder Infections
- Keyhole/Open Surgery for Impacted Bile Duct Stones
- Radical Cholecystectomy for Gallbladder Cancer
- Choledochal Cyst Excision

Liver

- Keyhole/Open Surgery for Benign Tumor and Cyst in Liver
- Liver Resection for Cancer in the Liver
- Shunt Surgery for Intractable Portal Hypertensive Bleed

Pancreas

- Keyhole/Open Distal Pancreatectomy for Benign Tumor and Cyst in Pancreas
- Frey's Operation for Pancreatic Stones & Chronic Pancreatitis
- Spleen-preserving Distal Pancreatectomy for Pancreatic Tumor
- Whipple Procedure (Pancreaticoduodenectomy) for Pancreatic Head Cancer

Spleen

- Keyhole/Open Surgery for Spleen Tumor/Cyst
- Keyhole/Open Partial Splenectomy for Splenic Cysts



Liver Transplantation (Living Donor and Cadaver)

A liver transplant is a surgical procedure performed to replace a diseased liver with a healthy liver from either a deceased or a living donor.

The Caritas Liver Transplantation Program provides outstanding care for patients with advanced liver diseases. Our expert transplant hepatologists, transplant surgeons, allied physicians, and other staff are highly skilled and experienced in live donor liver transplant. We are the unique liver transplant team in Central Kerala, recognised by Kerala Network of Organ Sharing (KNOS) for both live and deceased donor liver transplant.

Recover Early with Less Worry!



Upper GI & Bariatric Surgeries: (Minimally Invasive (Keyhole) Surgery and Open Surgery)

Our expert surgeons are committed to providing state-of-the-art and evidence-based surgical management of various upper digestive tract diseases of benign and malignant causes. This includes;

- Achalasia Cardia
- Gastroesophageal Reflux Disease - Fundoplication
- Esophageal Cyst and Benign Tumor
- Hiatal Hernia and Diaphragmatic Hernia
- Benign Tumor in Stomach
- GIST in Stomach - Endo laparoscopic surgery
- Gastric Ulcer Disease with Gastric Outlet Obstruction
- Stomach Cancer - Radical Gastrectomy
- Esophageal Cancer - VATS
- Morbid Obesity

Surgery for Colorectal Diseases

Colorectal diseases refer to conditions impacting the colon or rectum and its functionality, including colon cancer, colon polyps, colitis and Crohn's disease. We facilitate Keyhole and open surgery for

- Colon and Rectal Cancers
- Sphincter Preserving Surgery for Very Low Rectal Cancer
- Sigmoid Diverticulitis Including Sigmoid Versical Fistula
- Ulcerative Colitis
- Rectal Prolapse
- Benign Tumors and GIST
- Appendicectomy
- Intestinal Obstruction Due to Rectal /Colonic/Tumors

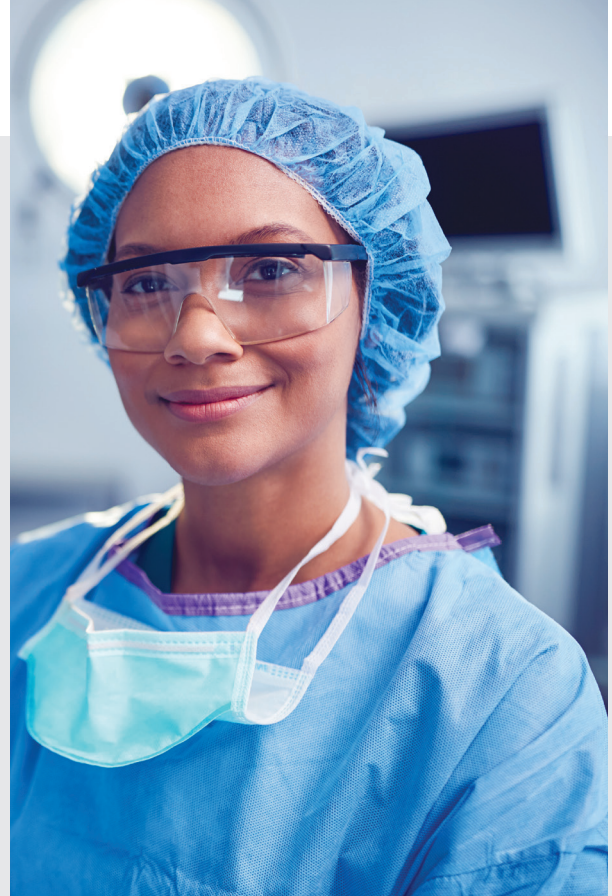
Surgery for Perianal Diseases

Perianal diseases requiring surgery include abscess and fistula, anal fissure, and hemorrhoids. Our key procedures are,

- Staple or Open Operation for Haemorrhoids/Piles
- Surgery for Fissure in Ano
- Surgery for Complicated Fistula in Ano
- Surgery for Rectovaginal Fistula

Keyhole/Open Surgery for Hernias (Inguinal/Umbilical/Incisional)

A hernia repair is an operation to repair the weakness in the wall of the abdomen or groin. The most commonly performed hernia repairs are inguinal hernia repair and incisional hernia repair.



Emergency GI & HPB Surgeries

Emergency evaluation and surgical treatment may be required in various Gastrointestinal & HPB diseases. The more common of these surgeries include,

- Keyhole/Open Surgery for Intestinal Perforation/Obstruction/Ischemia
- Abdominal Trauma
- Liver & Splenic Injuries
- Bowel Injuries
- Perianal and Rectal Injuries
- Liver Tumor Bleeding



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