

Interventional Endoscopy

Center for Digestive Health Offers Advanced Endoscopic Procedures

Penn Medicine Princeton Medical Center is one of the select hospitals in New Jersey offering advanced endoscopic procedures – including endoscopic ultrasound (EUS) and endoscopic retrograde cholangiopancreatography (ERCP) – to aid in the detection of gastrointestinal disease, including cancer, and treatment of certain gastrointestinal conditions.

Endoscopic Ultrasound (EUS) is an advanced procedure used to diagnose and stage esophageal, gastric, rectal and pancreatic cancers, and to aid in the diagnosis of other gastrointestinal conditions including submucosal tumors of the GI tract.

The procedure – performed by specially trained interventional gastroenterologists at the Center for Digestive Health at Princeton Medical Center – creates high-resolution images of the digestive tract and nearby organs, enabling doctors to find lesions that may not be picked up by other technologies. EUS also allows doctors to perform fine-needle aspiration to sample tissue from the pancreas, liver, bile duct and surrounding organs. Lymph nodes surrounding these organs and tumors can also be easily sampled. A minimally invasive technique, EUS provides patients an alternative to invasive exploratory surgery and aids in cancer staging. EUS is also used to:

- Detect and monitor pancreatic cysts
- Perform endoscopic cyst-gastrostomy using stents
- Detect bile duct stones
- Control pain associated with pancreatic cancer or chronic pancreatitis through the use of EUS-guided celiac plexus neurolysis

Endoscopic Retrograde Cholangiopancreatography (ERCP) is a safe and effective method for diagnosing and treating disorders of the pancreas, liver, pancreatic duct and bile duct. Doctors at Princeton Medical Center often use ERCP to treat blockages of the pancreatic and bile ducts. ERCP treatments include:

- Balloon dilation
- Stenting
- Sphincterotomy
- Bile/pancreatic duct stone extraction
- Cholangioscopy to directly visualize the bile/pancreatic duct epithelium

EUS and ERCP procedures arranged through the Center for Digestive Health are performed in the Stephen & Roxanne Distler Center for Ambulatory Surgery in the Medical Arts Pavilion at Princeton Medical Center.

Conditions

- GI Malignancies
- Pancreatic Cysts
- Pancreatitis
- Bile Duct Stones
- Biliary Strictures
- Luminal Obstructions
- Pain Associated with Pancreatic Cancer or Chronic Pancreatitis

Techniques

- Endoscopic Ultrasound
- Fine Needle Aspiration/Biopsy
- Pancreatic Cyst Drainage
- Celiac Plexus Neurolysis
- Endoscopic Retrograde Cholangiopancreatography
- Cholangioscopy
- Sphincterotomy
- Balloon Dilation
- Enteral Stenting
- Complex Polypectomy
- Endoscopic Mucosal Resection

To refer a patient or for more information, call the Center for Digestive Health at 609.853.7272.

Center for Digestive Health at Penn Medicine Princeton Medical Center
Medical Arts Pavilion, 5 Plainsboro Road, Suite 260 • Plainsboro, NJ 08536