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Advanced Endoscopic Care

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— NewYork-Presbyterian
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Center for
Advanced Digestive Care

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Center for
Advanced Digestive Care

NewYork-Presbyterian/Weill Cornell Medical Center Advanced Endoscopy

The Center for Advanced Digestive Care (CADC) at New-York Presbyterian/Weill Cornell Medical Center is one of the nation's leading multidisciplinary centers for the diagnosis and treatment of digestive diseases. By bringing together skilled specialists, comprehensive programs and groundbreaking therapies, we provide patients with exceptional digestive disease care in one convenient environment.

The Advanced Interventional Endoscopy Program is an important component of the CADC and the Pancreas Program. Our specialists have extraordinary expertise in performing a full spectrum of advanced endoscopic procedures to address disorders of the digestive tract. Interventional strides have made it possible to not only examine these organs through endoscopy, but also to simultaneously diagnose and correct complex issues. With this approach, we are able to treat an array of problems – from clearing obstructions and opening blocked ducts to destroying cancerous tumors – without the need for open surgery.

As the population ages, the incidence of disorders impacting the digestive system is expected to rise and interventional endoscopy will take on even greater importance. Our experts, who relentlessly pursue better ways to treat these conditions, will continue to offer leading-edge techniques for early diagnosis and minimally invasive interventions, allowing us to meet patient needs and even offer a cure in as little as one visit.

The Center for Advanced Digestive Care (CADDC) performs more than 2,200 advanced endoscopic procedures each year.

Our Approach

Our multidisciplinary team integrates expertise, research and advanced therapies with a truly collaborative approach to each patient's care. In fact, our center was one of the first top-tier digestive programs in the U.S. to implement this patient-centric care model.

In treating our patients, our goal is to provide immediate access to the most advanced diagnostic options and minimally invasive interventions that eliminate the need for traditional surgery whenever possible. In doing so, our patients have a quicker recovery, less pain and fewer side effects compared to traditional surgery. The majority of our patients do not even require a hospital stay.

What Sets Us Apart

At the Center for Advanced Digestive Care, we have pioneered advanced endoscopic techniques while providing a comfortable, compassionate environment and the highest level of care for our patients. Key benefits of our center include the following:

- We offer the most advanced endoscopic technology in New York City.
- We are committed to seeing referred patients within 24 hours and performing any elective procedures within 48 hours.
- Ninety percent of our patients can be seen on an outpatient basis.

- Our advanced techniques enable patients with even complex conditions to be diagnosed and receive treatment simultaneously.
- We successfully perform more complex cases than most other facilities. Of the more than 2,000 advanced endoscopy-related procedures we perform each year, about 85 percent are complex cases.
- We are the only center in the region performing procedures like photodynamic therapy, endoscopic ultrasound (EUS)-assisted ERCP, radiofrequency ablation, confocal endomicroscopy and stent placement in the gallbladder.
- Our volume of procedures is vast. For example, we perform more radiofrequency ablation for bile duct and pancreatic cancers than any other facilities in the country.
- We are one of only a select few centers in the country participating in selected multicenter clinical research trials, such as a study testing a new stent to remove pancreatic fluid collections.
- The knowledge and experience of our team is unmatched. Our radiologists, surgeons and endoscopists are pioneers in their field, while our dedicated, advanced nurses are highly trained in their specialty.
- Should patients require care from additional specialties, we provide access to a comprehensive array of physicians and specialists who are leaders in their field.

Conditions We Treat

Our far-reaching expertise covers a broad range of digestive diseases and conditions. The most common conditions we treat include:

- Ampullary, duodenal, esophageal, pancreatic, bile duct, gastric and colon cancers
- Fluid collection around the gallbladder, pancreas, bile ducts and rectum
- Obstructions, pseudocysts, tumors or stones in these organs
- Necrosis, pseudocysts and abscesses of the pancreas
- Complex, acute and chronic pancreatitis
- Bile duct leaks and stricture
- Barrett's esophagus and premalignant lesions of the esophagus, stomach, intestine and colon.
- Cholecystitis and biliary stone burden
- Zenker's diverticulum
- Achalasia using Peroral Endoscopic Myotomy (POEM)

We also offer expertise in pediatric gastroenterology and altered anatomy of the digestive tract.

Advanced Technology and Procedures

From minimally invasive techniques like ablation therapy to advanced imaging like confocal laser endomicroscopy, we provide a wide array of unique, cutting-edge procedures.

Using specific technologies together amplifies our ability to treat complex conditions while clearing obstructions, draining fluid or destroying precancerous and cancerous tissue.

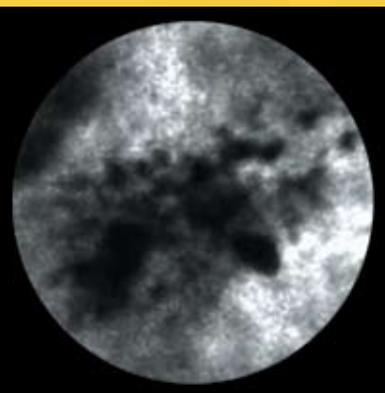
As one example, our center is a leader in performing endoscopic ultrasound (EUS)-assisted ERCP to treat conditions like bile duct blockages. In fact, we are teaching the procedure to other experts in the field. In this procedure, we first place an echoendoscope in the patient's mouth and advance it to the small bowel to locate the obstruction through high-energy sound waves. We then pair this with ERCP to insert a stent, opening the obstruction from the inside.

Clinical Research

At the Center for Advanced Digestive Care, we have registries capturing all endoscopic data to evaluate and improve diagnostic and interventional procedures for both benign and malignant conditions. Our ongoing clinical research trials include studies evaluating biliary and pancreatic stenting, photodynamic therapy for bile duct cancer treatment, radiofrequency ablation for bile duct cancer and pancreatic cancer treatment, confocal endomicroscopy for the early diagnosis of pancreatobiliary diseases and novel stents for pancreatic pseudocyst drainage, pancreatic necrosis and esophageal cancer.

For More Information

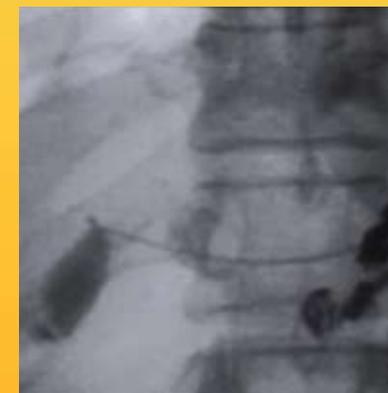
To learn more about our advanced endoscopy program, to refer a patient or to schedule an appointment, please contact us at 877-902-2232. You can also visit us online at nyp.org/cadc.



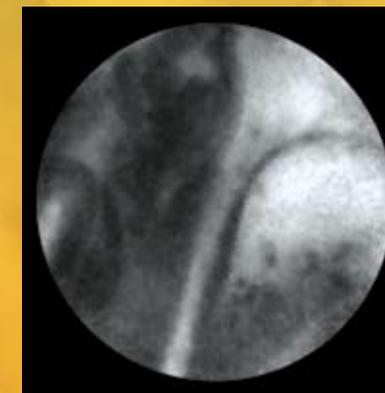
Confocal imaging of a patient with sclerosing cholangitis: This technology helps us detect bile duct cancer earlier, leading to better survival rates.



EUS-guided puncture of the left hepatic duct: This technique allows us to drain fluid in patients who are unable to be relieved with conventional techniques.



Transgastric injection of the left hepatic duct: This approach allows us to define a roadmap in patients with complex biliary obstructions.



Confocal imaging of an abnormal pancreatic duct: This technology helps us screen and detect pancreatic cancer earlier in patients at risk for the disease.

Interventional Endoscopic Care Team

Michel Kahaleh, MD



A world-renowned endoscopist, Dr. Michel Kahaleh is Chief of Endoscopy at NewYork-Presbyterian/Weill Cornell Medical Center. His pioneering use of ERCP and EUS has enabled him and his team to successfully treat pancreatic collections and perform newly described procedures that have had a major impact on patient management.

Through his research and its clinical translation, he focuses on the earlier detection of biliary and pancreatic cancers, preventing complications and using novel treatment therapies such as laser therapy, photodynamic therapy and radiofrequency ablation. Dr. Kahaleh is fluent in French, Spanish and Arabic. He earned his medical degree from the University of Brussels, and he completed his residency at the University of Illinois and his gastroenterology training at Erasme Hospital in Brussels.

Reem Z. Sharaiha, MD, MSc



An Assistant Attending Physician at NewYork-Presbyterian/Weill Cornell Medical Center, Dr. Reem Sharaiha is an advanced fellowship-trained interventional gastroenterologist. Dedicated to putting her patients first, Dr. Sharaiha has a special interest in diseases of the pancreas and biliary tract, including pancreatitis, sphincter

of Oddi dysfunction and pancreatic cancer. She received her medical degree from the University of London. She completed her residency at New York Presbyterian/Weill Cornell Medical Center and a gastroenterology fellowship at NewYork-Presbyterian/Columbia University Medical Center, where she also received a master's degree in patient-oriented research. In addition, she completed an advanced endoscopy fellowship at Johns Hopkins University Hospital.

Brian G. Turner, MD



An advanced fellowship-trained interventional gastroenterologist, Dr. Brian Turner is an Assistant Attending Physician at NewYork-Presbyterian/Weill Cornell Medical Center. A passionate physician and grant-funded researcher committed to the evidenced-based management of his patients, he focuses in particular on

the management of pancreatic cystic lesions and diagnostic and therapeutic interventions for pancreatic and biliary disease. Dr. Turner received his medical degree from Harvard Medical School. He completed his residency at Brigham and Women's Hospital and a gastroenterology fellowship at Massachusetts General Hospital. Subsequently, he completed an advanced therapeutic endoscopy fellowship at Beth Israel Deaconess Medical Center.

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New York-Presbyterian/Weill Cornell Medical Center

Advanced Endoscopy



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