



UNIVERSITY *of* MARYLAND
ST. JOSEPH MEDICAL CENTER
LIVER & PANCREAS CENTER



HEALING AND SUPPORT FOR
PEOPLE WITH PANCREATIC,
LIVER, COLORECTAL, AND
BILE DUCT CANCERS



ONLY THE FOREMOST EXPERTS

Our multidisciplinary team includes specialists in gastroenterology, hepatology, oncology, radiation oncology, interventional radiology, pathology and hepatobiliary surgery. Working together, they attack disease from every angle and ensure patients a fast track from diagnosis to treatment.

ONLY FOCUSED ON PROVIDING UNPARALLELED CARE

Clinical expertise. Leading-edge technology. Compassionate care.

The Liver and Pancreas Center brings it all together to treat the complex diseases of the liver and pancreas. With its highly specialized focus, the center is the only one of its kind in the region — leading the way in liver and pancreas care in our community and beyond.



Only personalized and responsive care. “Our patient-centered approach begins with the first phone call. New patients are seen within 24 hours of requesting an appointment. After a patient meets with the team, we’ll have a care plan in place. The way we see it, less waiting equals less worrying.”

— Deborah Hartley, Regional Manager Surgery

Only the closest collaboration. Communication is also a hallmark of our care. Our entire team works hand-in-hand to determine the best treatment options for patients. The team is readily available and accessible to patients. With the ultimate goal of transitioning care back to the referring doctor, we keep patients and their physicians informed every step of the way.



Gastroenterologists Dr. Neil Goldberg and Dr. Joshua Forman, discuss management of a pancreatic case.

ONLY THE MOST QUALIFIED TEAM

The Liver and Pancreas Center was designed from the ground up to provide superior liver and pancreas care. Handpicked from the world's top academic hospitals, our specially trained physicians are among the best. They work as part of a cohesive team, which includes an oncologist, surgeon, radiologist, oncology nurse, pain management specialist, dietician, navigator and social worker.

"My vision was to bring complex hepatobiliary surgery to the community. We're doing that now and our outcomes are superior. Better yet, we provide these advanced procedures in the patient-centered environment of a hospital like UM St. Joseph."

— Dr. Mark Fraiman, FACS, Director of Research

“At the center, I can always call my colleagues to collaborate on a case and we are equally available to our patients. These close relationships make all of the difference.”

—Dr. Joshua Forman, Gastroenterologist



MARK FRAIMAN, MD, MBA, FACS

Director of Research and Hepatobiliary Surgeon

Named a Top Doctor of Distinction by Baltimore Magazine many years in a row, Dr. Fraiman is one of few doctors in the area performing highly complex hepatobiliary procedures, and is regionally recognized as an expert in Whipple surgery. He was trained at University of California, Los Angeles (UCLA), one of the highest-volume centers in complex hepatobiliary procedures in the nation.

RICHARD MACKEY, JR., MD

Medical Director

Dr. Mackey completed his training in general surgery and fellowship at the renowned Cleveland Clinic. He is focused on expanding patients' options by offering the latest surgical and non-surgical treatment. Dr. Mackey brings the center a laparoscopic approach to liver and pancreas surgery not available at most area hospitals.

JOSHUA FORMAN, MD

Gastroenterologist

Dr. Forman completed his fellowship in gastroenterology at the University of Maryland-Baltimore Veterans Affairs Medical Center, where he received extensive training in gastroenterology, hepatology, and therapeutic endoscopy. Dr. Forman offers a variety of specialized techniques to ensure the most specific and accurate diagnosis as well as help patients avoid surgery.

MARGARET A. LYNCH-NYHAN, MD

Head of Interventional Radiology

Board-certified in diagnostic radiology with added qualifications in cardiovascular and interventional radiology, Dr. Lynch-Nyhan trained at Johns Hopkins Hospital and became the chief resident and instructor for the hospital's radiology department.



ONLY STATE-OF-THE-ART DIAGNOSTIC TECHNIQUES AND TREATMENTS

While cancers of the liver and the pancreas are not the most common, they are among the deadliest. Most of the time, there are no symptoms until the cancer is in the late stages or has metastasized. To meet these challenges, the Liver and Pancreas Center offers breakthrough diagnostic procedures and treatments.

"It is important to give some hope to cancer patients. Patients come in depressed, scared and anxious. It's very satisfying to reassure, educate and help them on a road to treatment and potentially a cure."

- Dr. Richard Mackey, Jr., Medical Director

DIAGNOSIS

Master diagnosticians and skilled technologists, our gastroenterologists use the latest diagnostic techniques:

- **Endoscopic Ultrasound (EUS)** produces the most precise images and information about the liver and pancreas.
- **Endoscopic Retrograde Cholangiopancreatography (ERCP)** allows exacting visualization of the hepatobiliary and pancreatic ductal systems.

Throughout the entire diagnostic process, a hepatobiliary surgeon is standing by to assist or advise when surgery is the next step. If a cancer diagnosis is made, our team of oncologists steps in to guide patients through the next course of therapies.

TREATMENT

Specialized and expert treatment is essential for the management of liver and pancreatic diseases and disorders. These treatments include chemotherapy, interventional radiology and surgery.

Chemotherapy

Medical oncologists employ the most appropriate and advanced chemotherapy drugs to fight cancers in the pancreas, liver and bile ducts. These agents wipe out stray cancer cells throughout the entire body. Prioritizing patient comfort, they provide infusion of chemotherapy, blood products, intravenous fluids, antibiotics, targeted therapies and growth factors. An introductory chemotherapy class for patients and families contributes to peace-of-mind.

Treatments cont. ►

“The excellent doctors and nurses at UM St. Joseph were willing to do everything necessary to help me get well. Dr. Fraiman led the team that saved my life.”

— Bonnie LaPausky,
Pancreatic Cancer Survivor



Interventional Radiology

When surgery is not an option, there are non-surgical alternatives that deliver radiofrequency energy or radiation to the tumor, while avoiding healthy tissues. Using the latest technology, interventional radiologists offer precise, minimally invasive treatment procedures that include:

- CT-Guided Radiofrequency Ablation
- Select Internal Radiation Therapy (SIRT/SPHERES)
- Stereotactic Radiosurgery (SRS)
- Trans-Hepatic Arterial Chemo-Embolization (TACE)

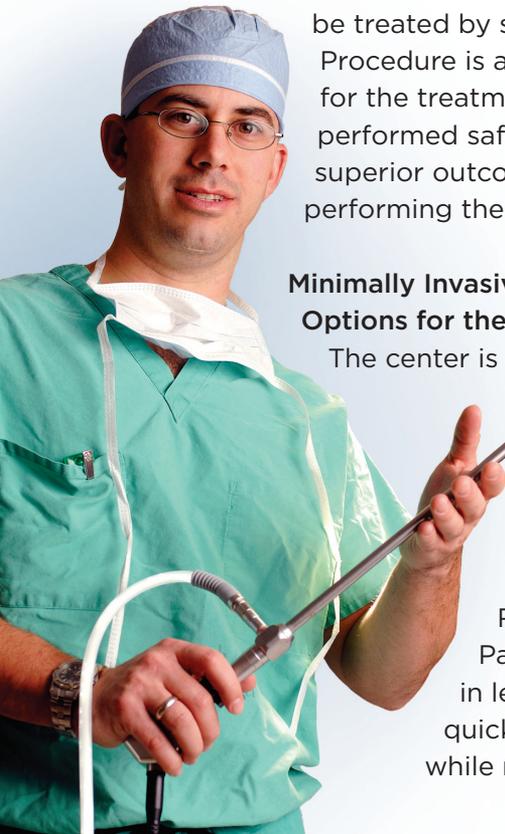
Surgery

While the more complex liver and pancreas surgeries have traditionally been performed at major academic centers, the center is bringing these surgical interventions to the community. Hepatic Resection removes segments of the patient's liver for survival rates as high as 50 percent at five years. Open or Laparoscopic Surgical Radiofrequency Ablation

burns — or ablates — liver tumors that can't be treated by surgical resection. The Whipple Procedure is a highly sophisticated procedure for the treatment of pancreatic disorders and is performed safely. The center is now achieving superior outcomes to other high-volume centers performing the Whipple procedure.

Minimally Invasive and Advanced Treatment Options for the Liver and the Pancreas

The center is meeting the increasing demand for minimally invasive, yet complex procedures in hepatobiliary and pancreatic surgery. Procedures such as Laparoscopic Radiofrequency Ablation, Laparoscopic Liver Resection and Laparoscopic Distal Pancreatectomy typically result in less pain, shorter hospital stays, quicker recovery and smaller incisions while maintaining oncologic principles.





ONLY THE MOST HOLISTIC APPROACH TO HEALING

At the UM St. Joseph Liver and Pancreas Center, we are dedicated to caring for our patients' emotional, spiritual and physical well-being. From our cancer navigators and spiritual care to our Pain Management Center, we offer a comprehensive array of free services and programs to help patients and their families navigate their difficult journey with confidence and peace of mind.

■ Cancer Navigator

The cancer navigator program helps patients and their families obtain the information, knowledge, support, and guidance they need to successfully manage cancer care. Working closely with the medical staff, the cancer navigator serves as a liaison between the patient and the UM St. Joseph care teams.

■ Spiritual Care

The Spiritual Care Department offers patients and families of all religious traditions support with the spiritual aspects of illness, including recovery, medical care, ethical decisions, dying and death.

■ Look Good...Feel Better Program (LGFB)

The "Look Good...Feel Better" program (LGFB) helps women deal with the effects of cancer treatment on their appearance. The program builds self-esteem and a positive approach to healing with everything from educational sessions and videos to free make-up kits.



■ Nutrition Services

Registered dietitians provide clinical nutrition services for both inpatients and outpatients, which include screening for nutrition risk, nutrition assessment for patients at risk, nutrition consultation and education.

■ Pain Management

The Pain Management Center is committed to providing interventional and multi-modal treatments for a wide range of pain conditions. Focused on identifying ways to treat pain without relying on high-dose narcotic therapy, the center's pain management specialists employ a variety of cutting-edge equipment and procedures to decrease pain and help patients reclaim their lives.

■ Pioneering better ways to treat and beat cancer

Researchers and scientists are constantly making advancements in the understanding and treatment of cancer. UM St. Joseph Medical Center is an active partner in this lifesaving progress. As a recognized affiliate of the University of Maryland Marlene and Stewart Greenebaum Cancer Center, UM St. Joseph patients can participate in clinical trials for metastatic colon cancer and pancreatic cancer, which provides access to treatments that can improve their outlook.

We are equally committed to connecting patients and their families with the latest developments in cancer prevention and screening. Our genetic counseling educates families and individuals about their risk of passing on or inheriting a genetic predisposition for certain disorders. During the cancer risk assessment, patients learn about cancer risks as well as screening options and genetic testing.



ABOUT UNIVERSITY OF MARYLAND ST. JOSEPH MEDICAL CENTER

UM St. Joseph Medical Center is a 232-bed, not-for-profit, regional medical center with a rich heritage of loving service and superb clinical programs. The hospital is nationally recognized for our culture of teamwork, compassion and medical excellence.

Founded in 1864 by the Sisters of St. Francis of Philadelphia, UM St. Joseph is a member of the University of Maryland Medical System, a multi-hospital system with academic, community and specialty service missions reaching every part of the state and beyond.

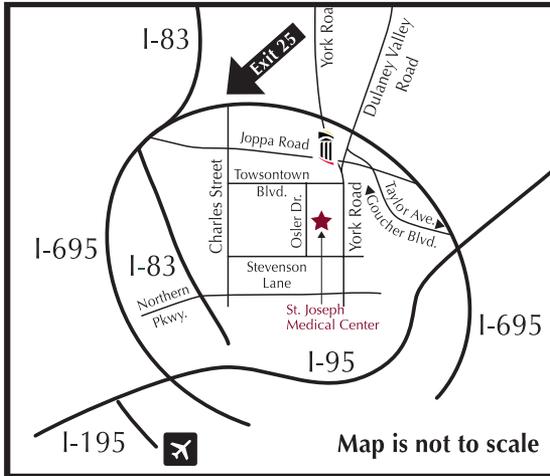
We are grateful for the opportunity to serve you and to help carry on the UM St. Joseph mission of providing the highest quality of care possible to our Baltimore community.

When treating the complex diseases of the liver and pancreas, the UM St. Joseph Liver and Pancreas Center's specialized expertise, experience and technology can save lives.

For a consultation with a hepatobiliary specialist, call 410-427-2024 or visit liverandpancreashope.com.



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7505 Osler Drive, Suite 303
Towson, MD 21204
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DIRECTIONS

From Baltimore City:

Take Charles Street north. Turn right on Stevenson Lane.
At the second traffic light, turn left onto Osler Drive. The
main entrance to the hospital is the first right.

From the Beltway (I-695):

Take Exit 25 South (Charles Street, Baltimore). Turn left onto Towsontown Boulevard.
At the second light, turn right onto Osler Drive. Proceed through three traffic lights.
Main entrance of hospital is the fourth left after traffic lights. Parking is available in the
parking lot (on right) or the parking garage (on left). Hospital is the first right.