Liver & Pancreas Tumor Center

Our team of specialty board-certified experts focuses exclusively on these rare and complex hepatopancreatobiliary (HPB) cancers.

What Sets Us Apart

- **Our experience** from the performance of high-volumes of pancreas and liver resections
- **Quicker recovery** from minimally-invasive laparoscopic partial liver and pancreas resections
- **Optimal incorporation and sequencing** of state-of-the-art liver-directed therapies that improve survival and quality of life
- **Multidisciplinary care teams** employ neoadjuvant therapies to improve patient outcomes and make potentially curative surgery possible
- **Highly-skilled** advanced endoscopists that are fellowship trained and utilize endoscopic ultrasound for optimal staging and diagnosis
- **Clinical trials** that offer tomorrow’s promising treatments today

www.roswellpark.org/partners-in-practice

Partners In Practice
medical information for physicians by physicians
The Liver & Pancreas Tumor Center
Collective Expertise & Continued Collaboration
Within a Multidisciplinary Care Team

This Center brings together a multidisciplinary team of specialists – surgical, medical and radiation oncologists among other specialists – who meet weekly to discuss and develop patient care plans using evidence-based guidelines. A designated care coordinator and members of the supportive services care team (including nutritionists, social workers, palliative care and case managers, among others) collectively meet to create the full care plan for each individual patient to guide them on their cancer journey.

In addition, these expert teams utilize the latest technologies and therapies to care for rare and complex hepatopancreatobiliary (HPB) cancers including:

- Primary liver cancer
- Pancreas cancer
- Bile duct and gallbladder cancer
- Ampullary and duodenal cancer
- Neuroendocrine tumors (carcinoid, islet)
- Metastatic tumors to the liver (colorectal or carcinoid metastases)
- Cystic pancreatic and liver tumors

Our range of diagnostic and therapeutic interventions is unmatched by any facility in Western New York and includes: liver directed therapies, advanced biliary endoscopy, minimally invasive surgery.

**Therapeutic Services We Offer**

Our comprehensive approach to treating the whole patient has one goal – to make a meaningful impact on the patient’s outcome and quality of life.”

— Renuka Iyer, MD

RPCI has the infrastructure, resources and multidisciplinary expertise to manage co-morbidities associated with these complex cancers. Our comprehensive approach to treating the whole patient has one goal – to make a meaningful impact on the patient’s outcome and quality of life.”

— Renuka Iyer, MD

**Liver-directed Therapies**
- Hepatectomy (minimally invasive and open)
- NanoKnife Irreversible Electroporation (IRE)
- Radiofrequency Ablation (RFA)
- Microwave Ablation (MWA)
- Transarterial embolization with drug-eluting beads (DEB)
- SIR-Spheres or Theraspheres (radioembolization beads)
- Precision-targeted radiation therapy
- Hepatic artery pump chemotherapy

**Advanced Biliary Endoscopy**
- Endoscopic ultrasound and biopsy
- Diagnostic ERCP
- Biliary and enteric stents
- Endoscopic mucosal resection
- Internalization of external biliary stents

**Minimally Invasive Surgery** (laparoscopic and robot-assisted surgery)
- Liver and pancreas resections
- NanoKnife for both pancreas and liver tumors
- Microwave and radiofrequency ablation of liver tumors
- Intraoperative ultrasound
- Bowel resection

Our 30-day and in-hospital mortality for liver and pancreas resections (<2.0%) is below national averages.
Expertise in Treating Rare Cancers

Although rare, but increasingly diagnosed, carcinoid or neuroendocrine tumors are more prevalent than pancreas and gastric cancers combined. Because of the few approved treatments and limited data for evidence-based medicine, these patients benefit from dedicated multidisciplinary care that includes therapeutic endoscopists, interventional radiologists, and surgical and medical oncologists who specialize in these unique tumors.

Studies have shown that outcomes are better when care is coordinated and optimally sequenced. **OUR APPROACH INCLUDES:**

- **Surgical resection** of liver, pancreas or bowel and/or tumor debulking
- **Liver-directed therapies** such as chemo- and radio-embolization
- **Targeted therapies** using sunitinib and everolimus
- **Medical treatments** using sandostatin, lanreotide and temozolamide-based combinations
- **Ablative therapies** such as microwave ablation or NanoKnife
- **Clinical trials** of novel drugs and combinations

**Why RPCI for Rare Cancers?**

- Roswell Park was among the first cancer centers in the country to be designated a Comprehensive Cancer Center by the National Cancer Institute and has held that distinction without interruption ever since. It is the only NCI-designated comprehensive cancer center in Upstate New York.
- The Institute is a charter member of the prestigious National Comprehensive Cancer Network (NCCN), an alliance of the nation’s leading cancer centers. Experts from our Liver & Pancreas Tumor Center are members on the NCCN panel that creates the practice guidelines for treating liver, pancreas and neuroendocrine tumors.
- RPCI physicians are endorsed by The Carcinoid Cancer Foundation – Carcinoid.org – a nonprofit organization chartered by the State of New York for the purpose of encouraging and supporting research and education on carcinoid and related neuroendocrine cancers.
- As a leader in the field, RPCI hosted the North American Neuroendocrine Tumor Society (NANETS) Scientific Meeting and the first ever NANETS Patient Education Meeting.
- Experts sit on the Delphi Panel, which set the precedent for practice management guidelines in healthcare areas that are lacking structure.
- RPCI experts serve on the scientific advisory committee of the Cholangiocarcinoma Foundation.

**Novel Clinical Research Studies**

We offer the latest therapies through clinical research studies.

For more information about current clinical research studies, call 1-877-ASK-RPCI (1-877-275-7724) or go to RoswellPark.org/clinical-trials/list.

**Novel Agents**

- **Tivozanib**: an oral, pan-vascular endothelial growth factor for hepatocellular carcinoma
- **Regorafenib**: a multi-kinase inhibitor for colorectal cancer
- **Dovitinib**: a fibroblast growth factor inhibitor for pancreatic cancer
- **Telirostat Epitrate**: a tryptophan hydroxylase inhibitor for neuroendocrine tumors
- **Nintedanib**: a potent triple angiokinase inhibitor and fibroblast growth factor receptor for carcinoid and pNETs

**Novel Combinations**

- **PEGylated recombinant human hyaluronidase PH20 (PEGPH20)** combined with nab-Paclitaxel plus Gemcitabine for pancreatic cancer
- Selective Internal Radiation Therapy (SIRT) using SIR-Spheres microspheres combined with FOLFOX6m for liver metastases
Meet the Team
As a multidisciplinary comprehensive cancer center, we call upon highly skilled professionals from all areas of cancer care, dedicated to work collaboratively to treat the whole patient, not just the cancer.

To speak with our Liver & Pancreas Center Coordinator, Michelle Vitez, RN, call 716-845-3895.

To speak with our HPB physicians, or to refer a patient, call the RPMD line at 716-845-RPMD (716-845-7763), Monday through Friday, 8 am-8 pm.

Surgical Oncology
1. Steven Hochwald, MD
2. Boris Kuvshinoff, MD, MBA
3. Moshim Kukar, MD

Medical Oncology
4. Renuka Iyer, MD
5. Wen Wee Ma, MBBS

Radiation Oncology
6. David Mattson, MD

Advanced Endoscopy
7. Andrew Bain, MD
8. Amanpal Singh, MD

Imaging & Interventional Radiology
9. Peter Loud, MD
10. Michael Petroziello, MD
11. Garin Tomaszewski, MD
12. Craig Hendler, MD

Nuclear Medicine
13. Dominick Lamonica, MD

Surgical Pathology
14. Charles LeVe, MD
15. Kazunori Kanehira, MD

WE CAN’T LET CANCER WIN.
THAT’S WHY ROSWELL PARK WILL NEVER STOP FIGHTING.

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A National Cancer Institute-Designated Comprehensive Cancer Center
A National Comprehensive Cancer Network Member
A Blue Distinction Center for Complex and Rare Cancers®
A Blue Distinction Center for Transplants®
An ANCC Magnet® Designated Hospital