

The Gastrointestinal Cancer Center



Roswell Park is the only **National Cancer Institute (NCI) designated** comprehensive cancer center in upstate and Western New York.

**Recognized for High Performance
in Colon Cancer Surgery.**



What Sets Us Apart

- **Our high-volume surgical experience** in laparoscopic, robot-assisted, and complex gastrointestinal cancer surgery
- **Robotic and laparoscopic** approaches for esophagectomy, advanced gastric cancer, and liver and pancreas surgery
- **Liver & Pancreas Tumor Center** dedicated to multidisciplinary care for hepatopancreaticobiliary cancers
- **Liver-directed therapies** such as microwave ablation, chemoembolism and radioembolism for both destination and bridge-to-transplant therapies
- **Endoscopy Center** that offers advanced procedures such as endoscopic ultrasound and double balloon enteroscopy
- **Patient outcomes** that consistently meet or exceed quality end points and national five-year survival data
- **Robust portfolio of clinical trials** offering the latest approaches in novel chemotherapy, targeted and immunotherapy agents and Peptide Receptor Radionuclide Therapy (PRRT)

The Gastrointestinal Center

Our multidisciplinary team — surgical, medical and radiation oncologists, plus experts in gastroenterology, endocrinology, endoscopy, pathology and diagnostic and interventional radiology — work together to develop individual patient-care strategies using evidence-based guidelines for the following malignancies and associated conditions:

Ampullary and duodenal cancer

Anal cancer

Barrett’s esophagus

Colon and rectal polyps and cancer

Cystic pancreatic and liver tumors

Esophageal cancer

Gallbladder and bile duct cancers

Gastric cancer

Liver Cancer

Metastatic tumors to the liver

Neuroendocrine tumors (carcinoid and islet cell)

Pancreatic cancer

Small intestinal tumors

Inherited familial gastrointestinal cancer syndromes

About Roswell Park’s Cancer Care & Treatment Center

Our state-of-the-art inpatient and ambulatory facilities and clinics are designed for delivering the latest approaches in cancer care with the highest degree of patient safety and comfort, including:

Chemotherapy & Infusion Center with on-site phlebotomy and pharmacy to ensure expedient lab results and drug delivery; a skilled nursing staff with special training in delivering cancer drugs; and a peaceful, panoramic view of Buffalo’s downtown skyline and Lake Erie.

Radiation Medicine department that’s the most technologically advanced and comprehensively equipped radiation facility in the region. Our radiation team (radiation oncologists, physicists and dosimetrists) collaborates with the surgical and medical GI oncologists to ensure the patient’s radiotherapy plan is optimally coordinated, based on best practices and medical necessity and aligned with the patient’s treatment goals.

Unique Capabilities

Roswell Park offers several treatment approaches unavailable elsewhere in the region, including:

Peptide Receptor Radionuclide Therapy (PRRT) for neuroendocrine tumors

Cytoreductive Surgery/HIPEC for colorectal cancer, appendiceal adenocarcinoma, DPAM, peritoneal mesothelioma

Gamma Knife Radiosurgery for metastases to the brain

Intraoperative radiotherapy to treat positive margins with tumor excision

NanoKnife ablative procedures for unresectable or difficult-to-reach liver and pancreas tumors

Radioembolization (SIR-Spheres or Theraspheres) for unresectable liver tumors

Photodynamic Therapy for a nonsurgical approach to Barrett’s esophagus and early malignancy

The Endoscopy Center

This multipurpose center brings together our advanced endoscopy services into one modern facility with five treatment suites equipped with the latest technology for endoscopic procedures.

We offer minimally invasive options for diagnosis, biopsy and treatment of gastrointestinal conditions, including some services unavailable elsewhere in the region. On-site pathology within the center can provide immediate, mid-procedure review and diagnosis.

We conduct specialized, multidisciplinary tumor boards specific to gastroesophageal, hepatopancreaticobiliary and colorectal cases.



Our endoscopic services include:

- Endoscopic ultrasound (EUS) and Esophagogastroduodenoscopy (EGD)
- Endoscopic retrograde cholangiopancreatography (ERCP) and cholangioscopy
- Endoscopic vacuum-assisted sponge therapy
- EUS-guided fine needle aspiration and EUS-assisted ERCP
- Electrohydraulic lithotripsy of complex bile duct stones
- Colonoscopy
- Radiofrequency ablation
- Enteral stenting
- Endoscopic drainage of pancreatic pseudocysts
- Capsule endoscopy
- Double balloon enteroscopy
- Endoscopic mucosal resection
- Photodynamic therapy (PDT)

HIGH-RISK PANCREATIC CANCER SCREENING



Our pancreatic cancer screening program involves a complete physical exam, appropriate laboratory testing and screening every six months with endoscopic ultrasound (EUS) alternated with magnetic resonance cholangiopancreatography (MRCP). We offer this program to patients at high risk for pancreatic cancer due to one of the following:

- ✓ **Two or more first-degree relatives** with a diagnosis of pancreatic cancer
- ✓ **Three or more blood relatives** (with at least one first-degree relative affected) with a diagnosis of pancreatic cancer
- ✓ A diagnosis of **Peutz-Jeghers syndrome**
- ✓ A known **BRCA2 mutation plus two family members** (or one first-degree relative) with pancreatic cancer
- ✓ A diagnosis of a **genetic syndrome or mutation** that increases risk for pancreatic cancer, ie: Familial Atypical Multiple Mole Melanoma (FAMMM-CDKN2A) syndrome, Lynch syndrome, P16 (ATM) or PALB2, **and a first-degree relative with pancreatic cancer**

HIGH-RISK COLORECTAL CANCER SCREENING



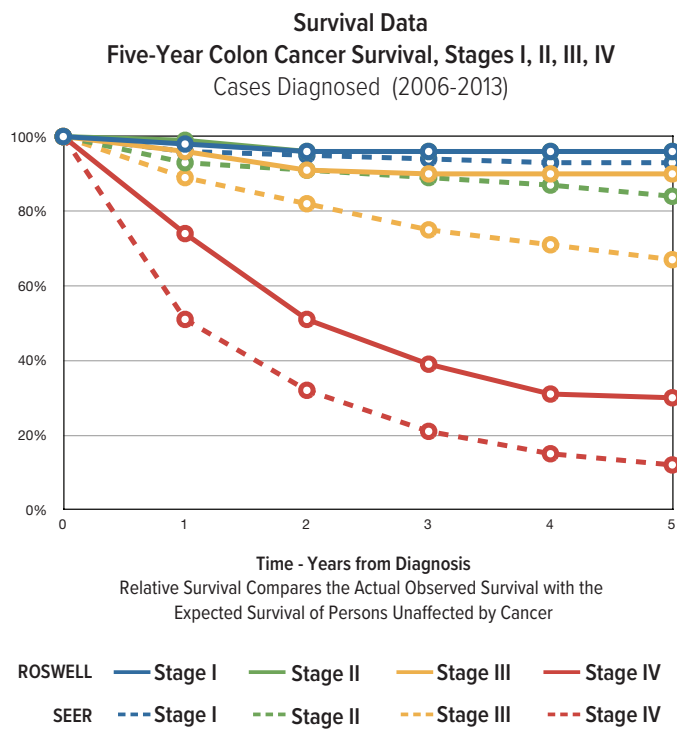
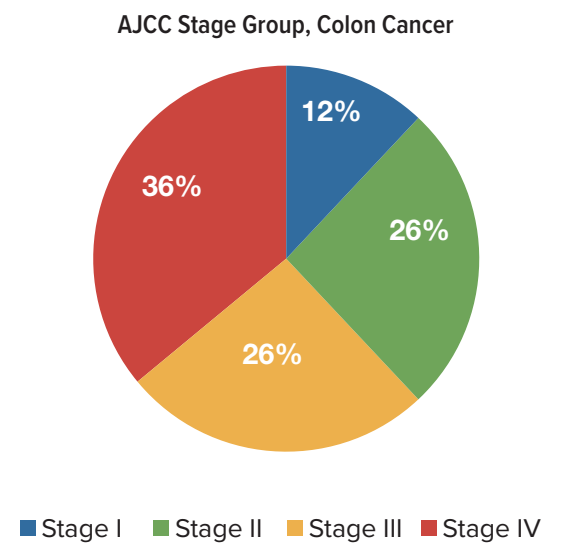
We offer a personalized, multidisciplinary approach to screening, surveillance and prevention for patients at high risk for colorectal cancer due to personal or family history of:

- ✓ **Hereditary cancer syndromes**
- ✓ **Early onset polyps or cancer diagnosis**
- ✓ **High number or rare types of polyps**

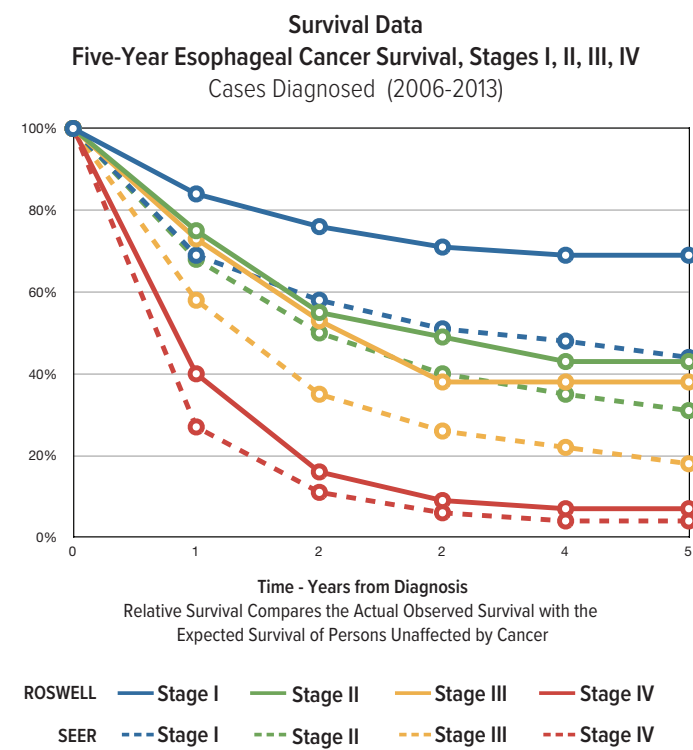
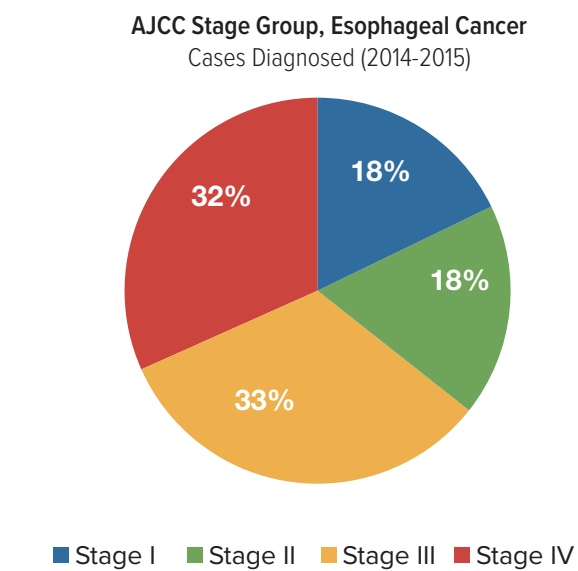
Our program includes:

- ✓ Genetic counseling and testing
- ✓ Testing for related cancers such as thyroid, breast and gynecologic disease
- ✓ Pathology analysis, including immunohistochemical staining and testing microsatellite instability for mismatch repair protein deficiency and BRCA2
- ✓ Preventive options such as chemoprevention or prophylactic surgery

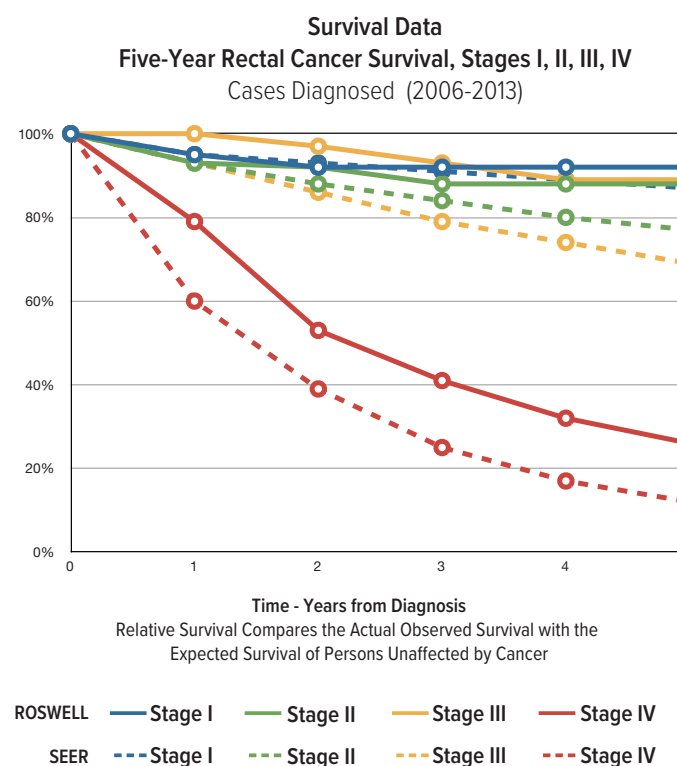
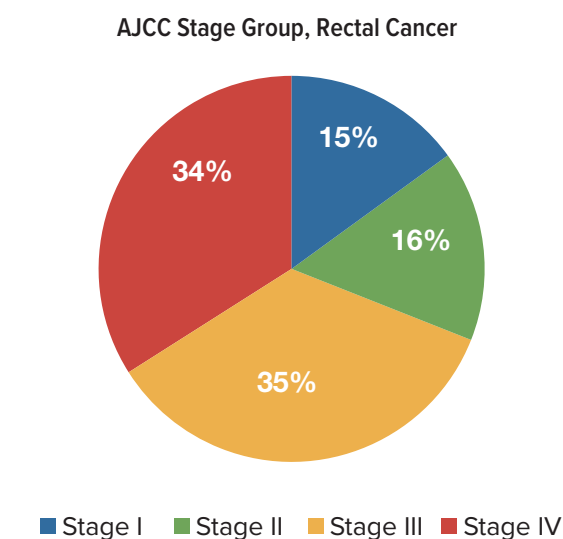
Colon Cancer



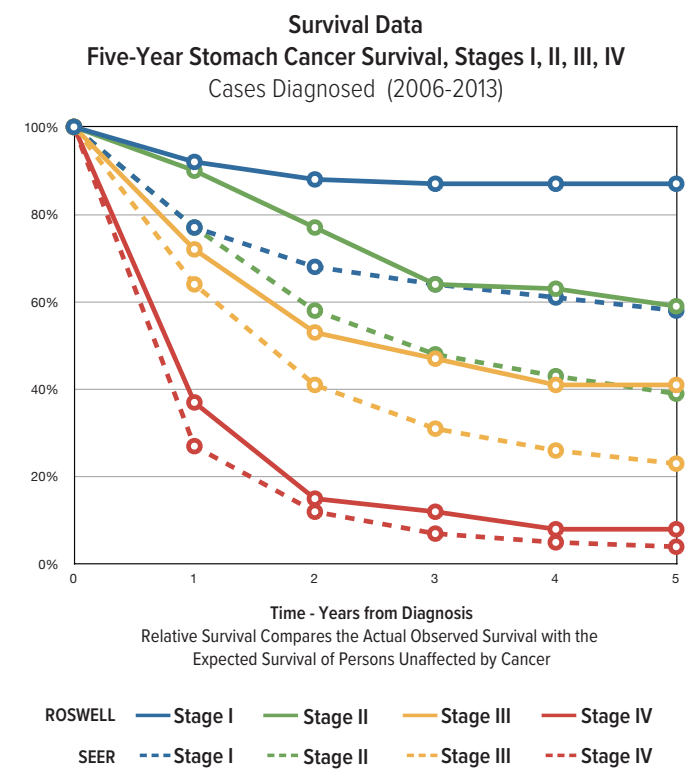
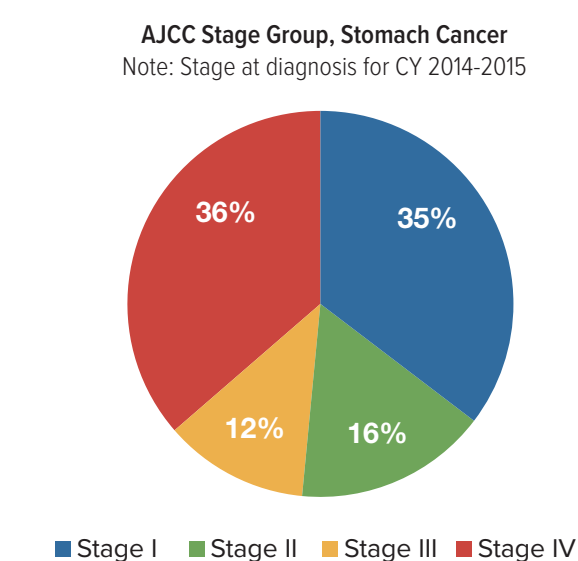
Esophageal Cancer



Rectal Cancer

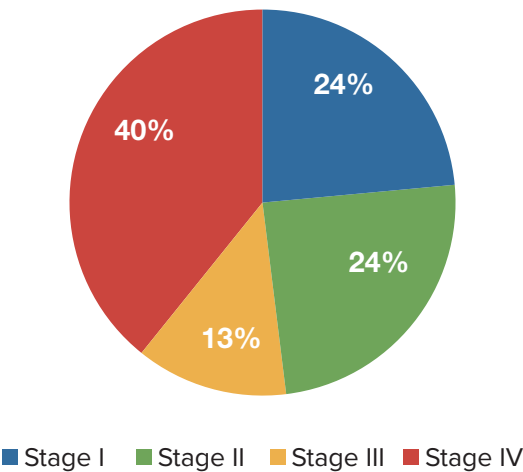


Stomach Cancer

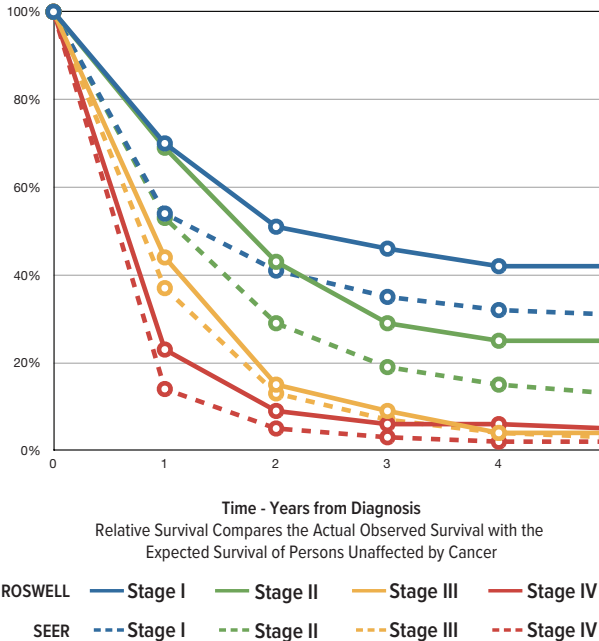


Pancreatic Cancer

AJCC Stage Group, Pancreatic Cancer
Note: Stage at diagnosis for CY 2014-2015

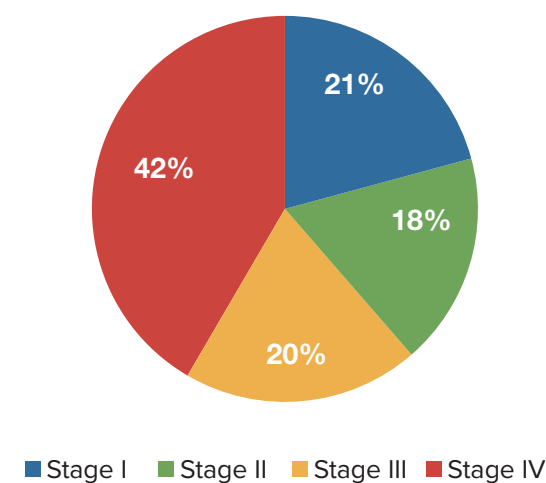


Survival Data
Five-Year Pancreatic Cancer Survival, Stages I, II, III, IV
Cases Diagnosed (2006-2013)

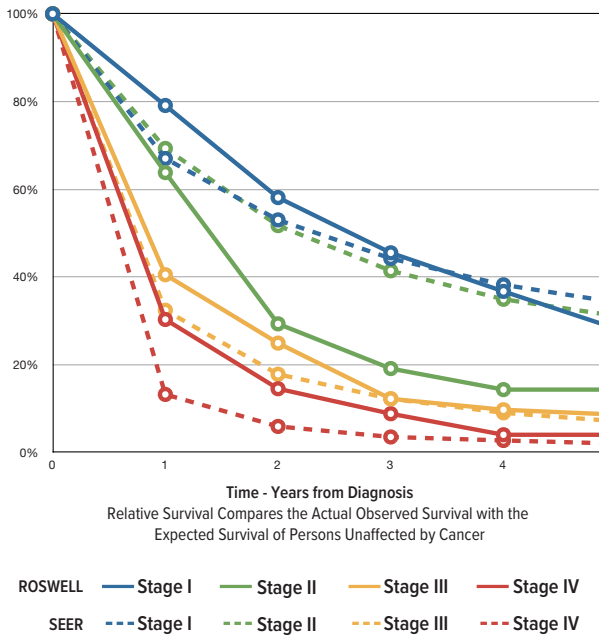


Liver Cancer

AJCC Stage Group, Liver Cancer
Note: Stage at diagnosis for CY 2014-2015



Survival Data
Five-Year Liver Cancer Survival, Stages I, II, III, IV
Cases Diagnosed (2006-2013)



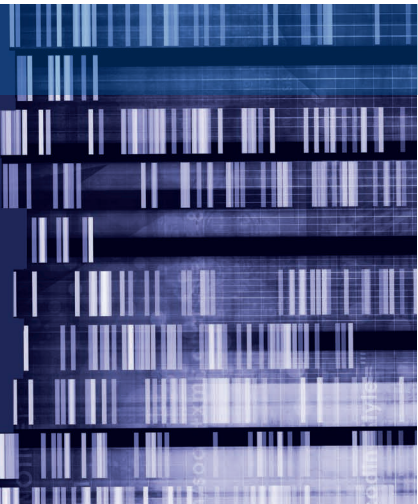
Supportive Care We surround our patients and their families with other important care services to help maximize the benefit of cancer treatment, promote healing, relieve cancer’s burden and aim for a higher level of lifelong wellness. These services include:

- **Nutrition Services** throughout the care continuum to assess and improve individual nutrient needs, provide strategies for nausea, constipation, taste changes, difficulty chewing and swallowing, and resist loss of muscle mass.
- **Supportive & Palliative Care Center** to address pain and other physical symptoms, improve quality of life and ease anxiety and emotional distress.
- **Rehabilitation Center** to combat treatment-related side effects such as pain and neuropathy, and maximize strength, mobility and function before, during and after surgery or other cancer treatment.
- **Survivorship Care Center** to provide medical and preventive care, surveillance and screenings, symptom management, and social support and guidance for our patients who have completed active treatment.

CLINICAL GENETICS SERVICES

Our team of board-certified medical genetic counselors will review your patient’s personal and family history to determine individual hereditary cancer risk assessment. Other services include:

- Genetic testing using multi-gene panels
- Options for prevention, surveillance and screening
- Guidance regarding risk in family members



Meet the Team



Surgical Oncology

- 1 Steven Hochwald, MD, MBA
- 2 Leonid Cherkassky, MD
- 3 Boris Kuvshinoff, MD, MBA
- 4 Moshim Kukar, MD
- 5 Gary Mann, MD
- 6 Steven Nurkin, MD, MS
- 7 Roderich Schwarz, MD, PhD

Medical Oncology

- 8 Amy Early, MD, FACP
- 9 Christos Fountzilas, MD
- 10 Renuka Iyer, MD
- 11 Sarbajit Mukherjee, MD, MS

Radiation Oncology

- 12 Nadia Malik, MD
- 13 David Mattson, MD

Gastroenterology

- 14 Andrew Bain, MD
- 15 Kevin Robillard, MD

Diagnostic & Interventional Radiology

- 16 Omar Hasan, MD
- 17 Benjamin McGreevy, MD
- 18 Michael Petroziello, MD
- 19 Charles Roche, MD
- 20 Garin Tomaszewski, MD

Nuclear Medicine

- 21 Dominick Lamonica, MD

Surgical Pathology

- 22 Charles LeVea, MD
- 23 Kazunori Kanehira, MD
- 24 Theresa Smith, DO

Endocrinology

- 25 Rajeev Sharma, MBBS, MD, FACE

ROSWELL PARK CARE NETWORK

NORTHTOWNS

Saif Soniwala, MD
Frederick Hong, MD
Adam Kotowski, MD
Michael Krabek, MD, PhD
Bhuvana Ramkumar, MD

JAMESTOWN

Jairus Ibabao, MD

UROLOGY

Prabhakara Somayaji, MD

BREAST SURGERY

Mariola Poss, MD, FACS

SOUTHTOWNS

Yasar Shad, MD, FACP

NIAGARA

Bhuvana Ramkumar, MD

Refer a Patient

Call us today to discuss a case, confirm a diagnosis or refer a patient. **716-845-RPMD (716-845-7763)**



Elm & Carlton Streets | Buffalo, New York 14263
RoswellPark.org/rpmd | 716-845-RPMD (716-845-7763)

Your patient may prefer to receive cancer care closer to home at one of Roswell Park's Care Network members at these convenient locations.