



UPMC Hillman Cancer Center Information for Physicians

UPMC Hillman Cancer Center is internationally recognized for its leadership in the prevention, detection, diagnosis, and treatment of cancer. As a preeminent institution for the delivery of cancer care, the performance of basic, translational, and clinical research, and the education of the next generation of cancer researchers and physicians, UPMC Hillman is exceptionally well positioned to contribute to the global effort to reduce the burden of cancer.

A Proud History, a Bright Future

Ronald B. Herberman, MD, noted cancer physician and researcher, founded the University of Pittsburgh Cancer Institute (UPCI) in 1985. UPCI and UPMC's clinical oncology services collaborated from the very beginning to explore new and better ways to understand, diagnose, treat, and prevent cancer. In 2002, Hillman Cancer Center opened in Shadyside thanks to generous support from the late philanthropists Henry and Elsie Hillman. That facility anchored the clinical and research efforts of the UPMC CancerCenters network and UPCI, hosting clinical facilities and research laboratories under one roof.

In 2017, UPMC united its clinical oncology services and cancer research programs under the name of UPMC Hillman Cancer Center to better reflect the availability of world-class care at each location. Today, UPMC Hillman is a network of more than 70 domestic and four international clinical care sites, seven research programs, and more than 2,000 physicians, researchers, and staff all united in the pursuit of one goal: to bring together compassionate care and transformative research to achieve the extraordinary – life without cancer.



NATIONAL CANCER INSTITUTE

UPMC Hillman is one of only 52 National Cancer Institute (NCI)-designated Comprehensive Cancer Centers in the United States, one of just three in Pennsylvania, and the only one in western Pennsylvania. The NCI extends its Comprehensive Cancer Center designation to an elite group of cancer centers for their demonstrated excellence in cancer research, patient care, education, and community outreach. UPMC Hillman has been an NCI-designated Comprehensive Cancer Center since 1990 and undergoes a rigorous and intensive evaluation of our research programs and related activities every five years.

UPMC Hillman By the Numbers

- More than **169,000** active patients each year
- More than **54,000** new patients each year
- More than **2,000** physicians, researchers, and staff
- More than **70** locations in the United States
- **Four** international locations in Ireland and Italy
- More than **500** clinical trials
- **Seven** NCI Cancer Center Support Grant (CCSG)-supported research programs
- **10** CCSG-supported shared resources that provide services to investigators at UPMC Hillman



Building Bridges to Cancer Care

At UPMC Hillman we know that patients thrive when they receive care close to home, with family and community support. While many people may think of UPMC Hillman as a building in Pittsburgh’s Shadyside neighborhood, our world-class cancer center is far more than any single location.

UPMC Hillman’s clinical network extends throughout Pennsylvania, Ohio, New York, and Maryland to our international locations in Ireland and Italy, with a presence in UPMC hospitals, community partner hospitals, outpatient medical centers, and freestanding clinics.

UPMC Hillman’s flagship location in Shadyside brings outpatient care and cutting-edge cancer research together under one roof—but our research efforts transcend this single location as well. More than 500 clinical trials are available throughout the UPMC Hillman network, with physicians and scientists collaborating daily to better understand, diagnose, and treat cancer.

UPMC Hillman is the original developer of Elsevier ClinicalPath (formerly known as Via Oncology, now a separate company), a unique web-based technology that provides physicians with evidence-based clinical algorithms that standardize best-practice treatments to optimize patient outcomes. UPMC Hillman physicians utilize ClinicalPath throughout the network to ensure that a patient who is treated at any UPMC Hillman facility receives the same comprehensive, evidence-based care that is best for their diagnosis.

Our experts provide comprehensive care for patients with difficult or rare cancers and second opinions on the most challenging cases through our Specialty Care Centers (SCCs). Organized by disease type, our SCCs engage a multidisciplinary team to expedite diagnosis and get patients into treatment as quickly and efficiently as possible. We offer SCCs for:

- Adult brain cancer
- Bladder cancer
- Breast cancer
- Esophageal cancer
- Head and neck cancer
- Hematological malignancies
- Lung cancer
- Melanoma
- Mesothelioma
- Metastatic colorectal cancer
- Multiple myeloma
- Pancreatic cancer
- Peritoneal carcinomatosis and ovarian cancer
- Prostate cancer
- Renal cancer
- Sarcoma
- Thyroid cancer

Joint Venture Partnerships

To ensure the delivery of comprehensive cancer care close to home, Hillman has forged joint venture partnerships with several community hospitals and organizations throughout our footprint, including:

- 1889 Foundation in Johnstown, Pa. – Radiation Oncology Services
- Butler Health System in Butler County, Pa. – Radiation Oncology Services
- Excela Health in Westmoreland County, Pa. – Medical and Radiation Oncology Services
- Heritage Valley Health System in Beaver, Pa. – Radiation Oncology Services
- Indiana Regional Medical Center in Indiana, Pa. – Medical and Radiation Oncology Services
- Punxsutawney Area Hospital in Punxsutawney, Pa. – Medical Oncology Services
- St. Clair Health in Upper St. Clair, Pa. – Medical and Radiation Oncology Services
- Trinity Health System in Steubenville, Ohio – Medical Oncology Services
- Uniontown Hospital in Uniontown, Pa. – Radiation Oncology Services
- Washington Health System in Washington, Pa. – Radiation Oncology Services

UPMC Hillman Cancer Center Services

UPMC Hillman offers comprehensive medical, radiation, and surgical oncology services, as well as supportive services to address symptom management and the various physical, emotional, and financial aspects of cancer care.

Harnessing the Body’s Own Potential: Medical Oncology and Immunotherapy

At UPMC Hillman, more than 150 medical oncologists utilize medically based therapies like to treat a range of cancers. We conduct ongoing research to develop new and better therapies, lessen side effects, and provide more hope to patients.

Our medical oncology services include:

- Chemotherapy
- Immunoglobulins
- Immunotherapy
- Iron infusions
- Hormone therapy
- Targeted therapy

Immunotherapies, which modify a patient’s own immune system or immune cells to fight cancer, have become a hallmark of cancer treatment for many patients. Accredited by the Foundation for the Accreditation of Cellular Therapies (FACT), UPMC Hillman has a long history of the utilization of immunotherapies for cancer and currently employs immunotherapeutic strategies whenever possible.

Program Highlights



- **The Mario Lemieux Center for Blood Cancers** at UPMC Hillman in Shadyside was the first in western Pennsylvania to offer FDA-approved chimeric antigen receptor (CAR) T-cell therapy for certain types of blood cancers in 2018 and currently offers FDA-approved products for certain types of lymphoma, leukemia, and multiple myeloma. More than 100 patients have received FDA-approved CAR T-cell therapy at UPMC Hillman to date.
- UPMC Hillman’s **Melanoma Program** was first recognized as one of the nation’s best in 2008 and has gained recognition for pioneering work with biological treatments and immunotherapies, changing the standard of care for melanoma patients.
- **The Immunotherapy and Drug Development Center (IDDC)**, established in 2022, combines the Cancer Immunotherapeutic Center and Phase I Clinical Trials Center. The IDDC is committed to quickly moving the most promising research results from labs into clinical trials, providing early access to new and innovative cancer treatments.



Delivering Precision: Radiation Oncology

UPMC Hillman's board-certified radiation oncologists and medical physicists work in collaboration with referring physicians and multidisciplinary specialists across the entire spectrum of health care to provide safe, effective radiation therapies based on the latest medical evidence using state-of-the-art imaging technology and radiation delivery systems.



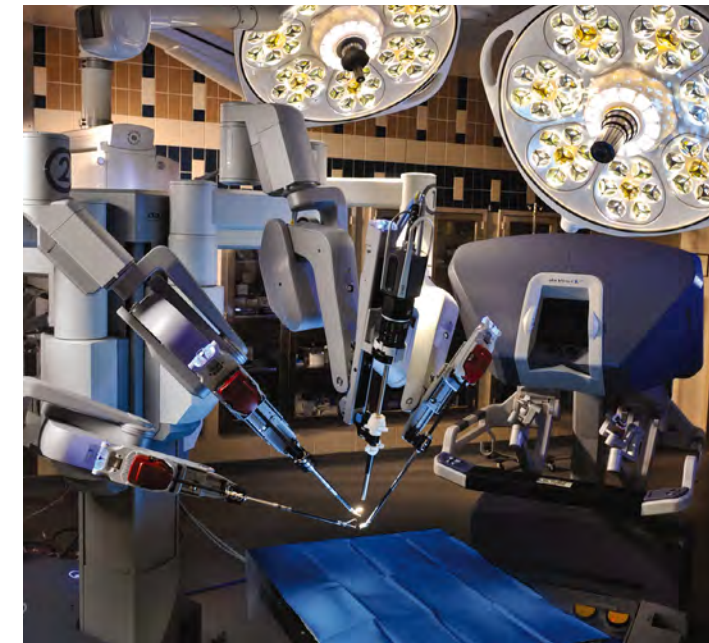
The American College of Radiation Oncology (ACRO) accredits our radiation oncology program, recognizing our compliance with strict, national standards for cancer patient safety and radiation oncology practices. UPMC Hillman is the largest ACRO-accredited system in the nation.

- **Diagnostic services:**
 - PET-CT
 - 4D PET-CT/4D CT
 - On-Board Imager® and Cone-Beam CT
 - Functional imaging
 - Magnetic resonance imaging (MRI)
- **Treatment services**
 - External beam radiation therapy
 - 3D Conformal Radiation Therapy (3DCRT)
 - Image-Guided Radiotherapy (IGRT)
 - Intensity-Modulated Radiation Therapy (IMRT)
 - RapidArc® (VMAT)
 - Total Body Irradiation (TBI)
 - Stereotactic radiosurgery and stereotactic body radiotherapy (SRS and SBRT)

- CyberKnife®M6™
- Novalis® powered by TrueBeam™ STx
- Trilogy™
- Gamma Knife®
- HyperArc™
- Brachytherapy and specialty treatments
 - Low-dose rate brachytherapy using radioactive seeds
 - 3D CT- and MRI-based high-dose rate brachytherapy
 - Radiopharmaceutical treatments, including XOFIGO® (Radium 223 dichloride) and Strontium-90 ;

Program Highlights

- UPMC Hillman's affiliation with the **University of Pittsburgh School of Medicine** enables us to offer comprehensive medical education programs, including our radiation oncology residency and training program and medical physics residency program, as well as advanced training on stereotactic radiosurgery and stereotactic body radiotherapy systems.
- Several of our physicians were heavily involved in an **American Association of Physicists in Medicine (AAPM)** working group to model dose effects from hypofractionated treatment. The outcome of this effort, which recently published in the *Journal of Radiation Oncology Biology Physics*, provides practice-changing guidance for SRS and SBRT.
- UPMC Hillman was one of the first in the world to install the **Reflexion X1**, which integrates PET imaging with radiation therapy using biologically guided markers, known as biology-guided radiation therapy (BgRT), to treat patients with stage IV metastatic cancers. Multiple tumors will be treated at once, providing options for patients who typically did not have viable therapeutic options.



Beyond the Cutting Edge: Surgical Oncology

UPMC Hillman harnesses the expertise of board-certified, fellowship-trained surgeons to deliver the most advanced surgical care for all types of cancers. UPMC Hillman's surgeons are renowned for their experience in minimally invasive and robotic surgery techniques, which allow for smaller incisions, less blood loss, fewer complications, and a shorter hospital stay following surgery.

Our surgeons collaborate with medical oncologists, radiation oncologists, and other specialists and primary care physicians to ensure seamless care and ample communication.

Program Highlights

- For more than 25 years, our surgeons have utilized minimally invasive techniques for brain surgeries, including **Endoscopic Endonasal Approach (EEA)**, which removes tumors through the nose without incisions to the face or skull, and **Neuroendoport®** surgery, which uses a tube, or port, that allows doctors to access deep-seated tumors through a smaller opening in the lining of the brain than would be used in traditional brain surgery.
- The surgeons in our **Head and Neck Cancer Program** utilize **transoral robotic surgery** and other minimally invasive techniques to improve outcomes and minimize the impact on essential functions like breathing and swallowing.
- UPMC Hillman has **one of the world's busiest gastrointestinal surgical oncology programs**, having performed nearly 800 robotic Whipple procedures, more than 1,300 robotic pancreatic operations, more than 1,000 laparoscopic liver procedures, and more than 1,900 CRS/HIPEC procedures.

Caring for the Whole Patient: Supportive Services

Because cancer treatment affects a person's entire life, UPMC Hillman provides a range of services to help patients and their families navigate the physical, emotional, financial, and logistical aspects of cancer care. Our supportive services include:

- Genetic counseling referrals
- Home care coordination
- Financial and insurance counseling
- Psychosocial support
- Nutritional counseling
- Pain management
- Physical and occupational therapy coordination
- Reproductive/fertility counseling referrals
- Social work
- Support groups
- Symptom and side effect management
- Tobacco cessation support

Program Highlights



- UPMC Hillman's **Wellness and Integrative Oncology Program** uses movement, touch, nutrition, and mindfulness within conventional cancer care to address and improve symptoms and quality of life.
- The **Cancer Livewell Survivorship Program** offers resources for people who are adjusting to life after cancer, including coordination of follow-up care, ongoing surveillance for recurrence, referrals for physical therapy, nutritional counseling, psychological counseling, and other supportive services, monthly support groups, and online programs and resources.
- Our **Caring for the Caregiver** series, hosted by the Wellness and Integrative Oncology Program, is an educational series for caregivers that focuses on self-care, mindfulness, stress management, and the other physical and emotional aspects of providing care to a loved one in their cancer journey.

**Exploring What is Possible:
Research and Clinical Trials**

UPMC Hillman encompasses seven specific Cancer Center Support Grant (CCSG)-supported research programs right here in Pittsburgh, including cancer biology, cancer immunology and immunotherapy, cancer virology, biobehavioral cancer control, cancer epidemiology and prevention, cancer therapeutics, and genome stability. Additionally, Hillman operates 10 CCSG-supported shared resources that provide services to our investigators.

The NCI established Specialized Programs or Research Excellence (SPOREs) to accelerate the movement of basic scientific findings into clinical care and to explore the biological basis for cancer in those who have been diagnosed or are determined to be at risk. UPMC Hillman's SPOREs include:

- Head and Neck Cancer
- Ovarian Cancer (shared with Roswell Park Cancer Institute in Buffalo, N.Y.)
- Melanoma and Skin Cancer



Clinical trials play a crucial role in cancer treatment, and UPMC Hillman currently offers more than 500 trials throughout our footprint. Patients can enroll and participate in clinical trials right in their own communities, reducing the need to travel to Pittsburgh. In 2019, UPMC Hillman created the UPMC Hillman Cancer Trials Finder app, enabling patients, caregivers, and physicians to get the latest clinical trial information at their fingertips.

Research Highlights

- UPMC Hillman, then known as the University of Pittsburgh Cancer Institute, **was the first to develop activated natural killer cells** to treat cancer in 1987. Our founder Dr. Ron Herberman discovered the **natural killer cell**, which is key to fighting cancer within our bodies.
- UPMC Hillman was the first in the United States to create and test a **synthetic vaccine** (MUC-1) against cancer in 1993.
- UPMC Hillman researchers Drs. Patrick Moore and Yuan Chang have discovered **two of the seven** known cancer-causing viruses.
- UPMC Hillman expanded its **Immunologic Monitoring and Cellular Products Laboratory** (IMCPL) to permit FDA-cleared investigational therapies in January 2021. This expansion tripled our capacity to make CAR T cells, adoptive tumor-infiltrating lymphocyte (TIL) therapies, oncolytic viral therapies, and other cancer treatments without having to send patient cells across the country to be made, modified, or grown. This allows for personalized cellular therapies, all manufactured right here in Pittsburgh. It is the largest facility of its kind west of Philadelphia, and its origins go back 30 years.

Referring a Patient

UPMC Hillman Cancer Center accepts referrals throughout our footprint and welcomes traveling patients from other areas as well. To refer a patient, please call 412-647-2811.

Insurance Information

UPMC Hillman Cancer Center accepts most major insurers, including Aetna, Cigna, Highmark*, United Healthcare, and UPMC Health Plan. If you or your patients have questions about access, please call 1-855-646-8762.

**Highmark members with narrow-network plans have limited in-network access to UPMC.*



Learning Opportunities

UPMC Physician Resources offers free online CME and other educational opportunities. Visit UPMCPPhysicianResources.com to learn more.



UPMC Hillman Cancer Center Clinical Leadership



Robert L. Ferris, MD, PhD
Director



Stanley M. Marks, MD
*Chairman; Director of Clinical Services;
Chief Medical Officer*



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Medical Oncology Network*



Heath D. Skinner, MD, PhD
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Chief, Division of Hematology/Oncology



Vincent E. Reyes, MD
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Medical Oncology Network*



Amer H. Zureikat, MD
*Chief, Surgical Oncology;
Chief, GI Surgical Oncology*

UPMC Hillman Cancer Center
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Pittsburgh, PA 15232
UPMCHillman.com



Locations**Medical Oncology**

UPMC Hillman Cancer Center
5115 Centre Ave.
Pittsburgh, PA 15232

UPMC Hillman Cancer Center
800 Howard Ave., Suite 1
Altoona, PA 16601

UPMC Hillman Cancer Center
2030 Beaner Hollow Road
Beaver, PA 15009

UPMC Hillman Cancer Center
195 Memorial Drive, Suite 1
Everette, PA, 15537

UPMC Hillman Cancer Center
2000 Oxford Drive, Suite 500
Bethel Park, PA 15102

UPMC Hillman Cancer Center
101 Erford Road, Suite 101
Camp Hill, PA 17011

UPMC Hillman Cancer Center
25 Sprint Drive
Carlisle, PA 17015

UPMC Hillman Cancer Center
US Route 6 East
Coudersport, PA 16915

UPMC Hillman Cancer Center
2500 West 12th Street
Erie, PA 16505

UPMC Hillman Cancer Center
110 North Main Street, 3rd Floor
Greenville, PA 16125

UPMC Hillman Cancer Center
4300 Londonderry Road
Harrisburg, PA 17109

UPMC Hillman Cancer Center
9492 William Penn Highway, Suite 2
Huntingdon, PA 16652

IRMC Cancer Center
In partnership with UPMC Hillman Cancer Center
850 Hospital Road, First Floor, Suite 1200
Indiana, PA 15107

UPMC Hillman Cancer Center
233 College Ave.
Lancaster, PA 17603

UPMC Hillman Cancer Center
1575 Highlands Drive, Building A, Suite 205
Lititz, PA 17543

Mario Lemieux Center for Blood Cancers
5115 Centre Ave., Fourth Floor
Pittsburgh, PA 15232

UPMC Hillman Cancer Center
400 Oxford Drive, Suite 102
Monroeville, PA 15146

UPMC Hillman Cancer Center
1600 Coraopolis Heights Road, Suite F
Coraopolis, PA 15108

UPMC Hillman Cancer Center
3410 Wilmington Rd.
New Castle, PA 16105

UPMC Hillman Cancer Center
At Punxsutawney Area Hospital
81 Hillcrest Drive
Punxsutawney, PA 15767

St. Clair Hospital Cancer Center
Affiliated with UPMC Hillman Cancer Center
Dunlap Family Outpatient Center
1000 Bower Hill Road, Suite 7700
Pittsburgh, PA 15243

Trinity Tony Teramana Medical Oncology
In partnership with UPMC Hillman Cancer Center
3204 Johnson Road
Steubenville, OH 43952

UPMC Hillman Cancer Center
103 Transit Drive
Uniontown, PA 15401

UPMC Hillman Cancer Center
UPMC Chautauqua
207 Foote Ave., Suite 3B
Jamestown, NY 14702

UPMC Hillman Cancer Center
Excelsa Health
Arnold Palmer Pavilion
200 Village Drive
Greensburg, PA 15601

UPMC Hillman Cancer Center
Excelsa Health
Excelsa Square at Frick, A Part of Frick Hospital
508 South Church St., Suite 202
Mount Pleasant, PA 15666

UPMC Hillman Cancer Center
Excelsa Health
Excelsa Square at Norwin
8775 Norwin Ave., Suite J
North Huntingdon, PA 15642

UPMC Hillman Cancer Center
At Butler Health System
129 Oneida Valley Road, Suite 311
Butler, PA 16001

UPMC Hillman Cancer Center
At John P. Murtha Pavilion
337 Somerset Street
Johnstown, PA 15901

UPMC Hillman Cancer Center
At Rocco and Nancy Ortenzio Cancer Pavilion
2035 Technology Parkway, Suite 100
Mechanicsburg, PA 17050

UPMC Hillman Cancer Center
UPMC Memorial
1703 Innovation Drive
York, PA 17403

UPMC Hillman Cancer Center
UPMC Horizon
2200 Memorial Drive
Farrell, PA 16121

UPMC Hillman Cancer Center
UPMC Magee-Womens Hospital
300 Halket Street
Pittsburgh, PA 15213

UPMC Hillman Cancer Center
UPMC McKeesport
1500 Fifth Avenue, D Level
McKeesport, PA 15132

UPMC Hillman Cancer Center
UPMC Mercy
1400 Locust Street
Pittsburgh, PA 15219

UPMC Hillman Cancer Center
UPMC Natrona Heights
1604 Burtner Road
Natrona Heights, PA 15065

UPMC Hillman Cancer Center
UPMC Northwest
100 Fairfield Drive
Seneca, PA 16346

UPMC Hillman Cancer Center
UPMC Passavant-Cranberry
3 St. Francis Way, Bldg 3, Suite 210

UPMC Hillman Cancer Center
UPMC Passavant
9100 Babcock Boulevard
Pittsburgh, PA 15237

UPMC Hillman
UPMC Somerset
314 S. Kimberly Ave.
Somerset, PA 15501

UPMC Hillman Cancer Center
UPMC St. Margaret
200 Delafield Road, Suite 3050
Pittsburgh, PA 15215

UPMC Hillman Cancer Center
UPMC Wellsboro
15 Meade Street, Suite L-3
Wellsboro, PA 16901

UPMC Hillman Cancer Center
UPMC Williamsport, Divine Providence Campus
1100 Grampian Boulevard
Williamsport, PA 17701

UPMC Western Maryland
Schwab Family Cancer Center
12500 Willowbrook Road
Cumberland, MD 21502

UPMC Hillman Cancer Center
470 Johnson Road, Suite 10
Washington, PA 15301

UPMC Hillman Cancer Center
350 Bonar Ave.
Waynesburg, PA 15370

UPMC Hillman Cancer Center
1907 Lebanon Church Road, Suite 200
West Mifflin, PA 15122

UPMC Hillman Cancer Center
609 Somerset Avenue
Windber, PA 15963

Radiation Oncology

UPMC Hillman Cancer Center
25 Sprint Drive
Carlisle, PA 17015

UPMC Hillman Cancer Center
2500 West 12th Street
Erie, PA 16505

UPMC Hillman Cancer Center
4300 Londonderry Road
Harrisburg, PA 17109



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850 Hospital Road
First Floor, Suite 1200
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Mary Hillman Jennings Radiation Oncology Center
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Pittsburgh, PA 15232

St. Clair Hospital Cancer Center
Affiliated with UPMC Hillman Cancer Center
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Pittsburgh, PA 15243

Uniontown Hospital Radiation Oncology
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Uniontown, PA 15401

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UPMC Altoona
620 Howard Ave.
Altoona, PA 16601

UPMC Children's Hospital of Pittsburgh
4401 Penn Avenue, Basement
Pittsburgh, PA 15224

UPMC Hillman Cancer Center
UPMC East
2775 Mossie Blvd.
Monroeville, PA 15146

UPMC Hillman Cancer Center
Excela Health
Arnold Palmer Pavilion
200 Village Drive
Greensburg, PA 15601

UPMC Hillman Cancer Center
At Butler Health System
102 Technology Drive, Suite 110
Butler, PA 16001

UPMC Hillman Cancer Center
At Heritage Valley Health System
1000 Dutch Ridge Road
1st Floor, Entrance B
Beaver, PA 15009

UPMC Hillman Cancer Center
At John P. Murtha Pavilion
337 Somerset Street
Johnstown, PA 15901

UPMC Hillman Cancer Center
At Rocco and Nancy Ortenzio Cancer Pavilion
2035 Technology Parkway, Suite 100
Mechanicsburg, PA 17050

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1703 Innovation Drive
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UPMC Hillman Cancer Center
UPMC Horizon
2200 Memorial Drive
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UPMC Hillman Cancer Center
UPMC Magee-Womens Hospital
300 Halket Street
Pittsburgh, PA 15213

UPMC Hillman Cancer Center
UPMC Mercy
1400 Locust Street
Pittsburgh, PA 15219

UPMC Hillman Cancer Center
UPMC Northwest
100 Fairfield Drive
Seneca, PA 16346

UPMC Hillman Cancer Center
UPMC Passavant – McCandless
9100 Babcock Boulevard
Pittsburgh, PA 15237

UPMC Hillman Cancer Center
UPMC Presbyterian
200 Lothrop St.
Pittsburgh, PA 15213

UPMC Hillman Cancer Center
UPMC St. Margaret
200 Delafield Rd., Suite 3050
Pittsburgh, PA 15215

UPMC Hillman Cancer Center
1100 Grampian Boulevard
Williamsport, PA 17701

UPMC Western Maryland
Schwab Family Cancer Center
12500 Willowbrook Road
Cumberland, MD 21502

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