



MARYLAND PROTON TREATMENT CENTER

AFFILIATED WITH UNIVERSITY OF MARYLAND
MARLENE AND STEWART GREENEBAUM
COMPREHENSIVE CANCER CENTER



Delivering the best of both worlds —
effective, high-dose treatment with minimal side effects



New Treatment, New Hope

A cancer diagnosis changes your life. It can leave you unsure of the best plan of action. When it comes to finding treatment, you want options that are effective. But you also want to remain in control of your life, something that you may find difficult with the side effects that accompany many types of cancer treatment.

At the Maryland Proton Treatment Center (MPTC), we're excited to offer a different kind of treatment. With the latest advances in technology, we're able to provide a new tool in the toolbox for the fight against cancer for adults and children from around the world — proton therapy.

This treatment combines powerful, high-dose radiation with the highest precision. This means you experience fewer side effects during treatment despite receiving an increased radiation dose at your tumor site. This

advanced treatment gives you another weapon in the battle against cancer that can stand alongside more traditional treatment methods.

At MPTC we understand that you are in the fight of your life and we believe in giving you the tools you need to succeed.

William F. Regine, MD, FACR, FACRO

*Executive Director, Maryland Proton Treatment Center
Isadore & Fannie Schneider Foxman Chair and Professor
of Radiation Oncology, University of Maryland School
of Medicine*



What Is Proton Therapy and How Does It Differ from Standard Radiation Therapy?

Proton therapy is a specific type of radiation therapy used to treat cancer. Radiation therapy involves using intense energy directed at cancer cells to destroy the DNA that causes these cells to grow. The majority of cancer patients receive some form of radiation therapy, and this treatment has been used to save millions of lives.

Proton therapy:

- Uses individual proton particles sent precisely into cancer cells.
- Is a non-invasive treatment, causing minimal discomfort and side effects.
- Can be applied to localized tumors that have not spread to other parts of the body.

Unlike X-ray (photon) technology, protons deliver a maximum radiation dose that stops at the tumor site. This enables our physicians to target the cancer cells while sparing normal, healthy tissue in the rest of the body.

What Kinds of Cancer Does Proton Therapy Treat?

Proton therapy is effective against many forms of cancer, including:

- Base of skull
- Brain
- Breast
- Esophagus
- Eye
- Gastrointestinal
- Gynecologic
- Head and neck
- Liver
- Lung
- Lymphoma
- Pancreatic
- Pediatric
- Prostate
- Sarcomas
- Spine



Why Choose Proton Therapy at MPTC?

Access to the latest technology.

The techniques used at the Maryland Proton Treatment Center represent the next generation in proton therapy. All five of our treatment rooms are equipped with the most advanced form of “pencil-beam” radiation available, today known as IMPT. This technology allows physicians to “paint” the radiation onto the tumor, layer-by-layer.

Increase your options. IMPT can be used as a stand-alone treatment option, or in conjunction with other cancer treatment modalities such as chemotherapy.

Effectively treat hard-to-reach areas. Our doctors are able to treat cancers in areas that are difficult to access with targeted treatment never before possible. Proton therapy is a powerful treatment for a wide range of localized tumors.

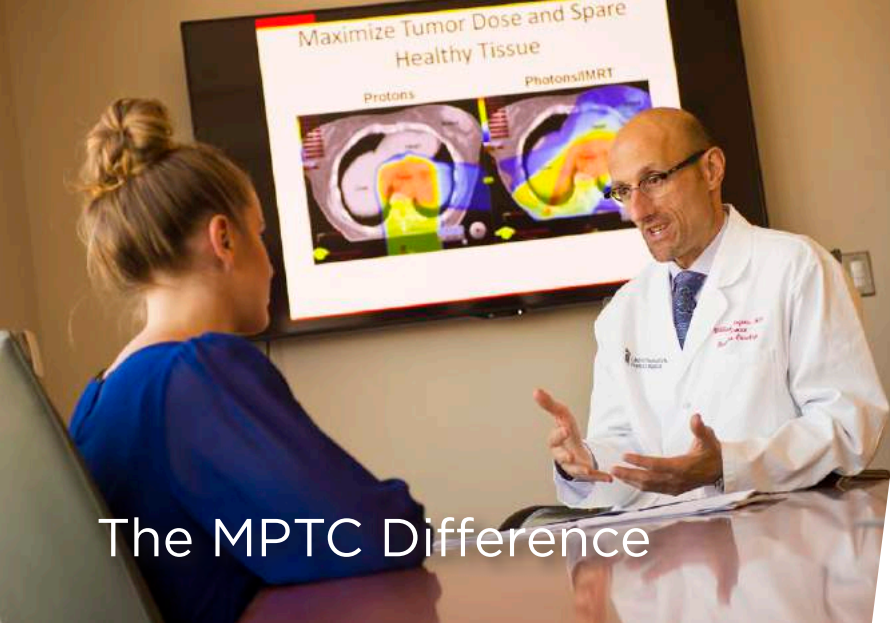
Experience seamless, comprehensive cancer care. All patients at MPTC have full access to a wide range of integrated, multidisciplinary cancer services and clinical trials through the University of Maryland Marlene and Stewart Greenebaum Comprehensive Cancer Center.

Will get the right treatment, every time.

Each treatment can be pre-checked with volumetric CT-scan imaging in a treatment room — another “first” and unique feature of our facility. A comprehensive panel of advanced imaging devices, including CT and MRI are available to assist in advanced treatment planning and response assessment.

Don’t put your life on hold. Proton therapy is a non-invasive outpatient treatment that often times results in fewer side effects. Because it’s an outpatient treatment, you can continue with normal activities such as work and school.





The MPTC Difference

- At MPTC, we're excited to bring expertise and experience to offer this life-saving treatment option to the region.
- We believe that cost should not be a barrier to getting the best care for you. That's why we have implemented a cost neutral rate for treatment that eliminates insurance variations from preventing access to treatment.
- MPTC is located in the heart of the University of Maryland BioPark and is operated and managed by professionals from the University of Maryland Department of Radiation Oncology.
- Our connection with the University of Maryland Marlene and Stewart Greenebaum Comprehensive Cancer Center (UMGCCC), an NCI-designated cancer center, means you will experience seamless, as well as comprehensive, care between UMGCCC and MPTC.

Our Team

The Center is led by renowned radiation oncologists from the University of Maryland School of Medicine who are inspired by patients and driven by a passion for healing. Helping lead our care is Executive Director William F. Regine, MD, FACR, FACRO, a leader in the field of radiation therapy and a recognized expert in the areas of gastrointestinal malignancies, CNS malignancies and innovative radiation technology.

Using a team approach to care, every patient receives an individualized treatment plan. Our team includes radiation oncologists, radiation dosimetrists, radiation physicists, nurse practitioners, therapists, social workers and concierge staff.

Together, we're dedicated to providing exceptional care that puts your needs first and provides the best possible outcome for you.

Concierge Services

Proton therapy at MPTC is an outpatient procedure, meaning you are free to explore all that Baltimore has to offer while undergoing treatment. Baltimore is Maryland's largest city and economic center. Renowned for its beautiful harbor, unique museums and rich history, Baltimore offers visitors a wealth of opportunities for exploration and enjoyment.

From start to finish during your time at MPTC, our concierge team will help you and your family — free of charge — to make the most of your time here. We'll walk you through every step of your journey to ensure you enjoy a seamless experience and are as comfortable as possible while receiving treatment. Services we offer, but are not limited to, include:

- Pre-coordination of appointments
- Lodging recommendations
- Translator services*
- Escort and navigation assistance
- Free valet parking
- Cellphone service during your stay*
- Grocery-delivery services*
- Lists of Baltimore-area amenities,* attractions* and places of worship
- Support group guidance



You can learn more about our concierge services by calling Emily Robinson, our Supervisor of Concierge Services, at **410-369-5205**.

* Pricing available upon request.

Preparing for Your Consultation

- Before your consultation, we'll provide you with a list of background materials that are needed to coordinate your care. These may include medical records, scans, treatment plans or other materials depending on your individual needs. You can bring these materials with you to your consultation, or have them transferred to MPTC before your arrival.
- Consider creating a list of questions to go over with your doctor. Thinking about and writing down your questions before you arrive can help ensure all of your concerns are addressed. It's important you leave your consultation feeling as informed as possible to help you decide if proton therapy is right for you.
- We recommend bringing a loved one for support. They can help you remember what was discussed at your consultation, as well as provide emotional support throughout your visit.



What to Expect During Your Treatment

After your consultation, you and your doctor will decide on the best treatment course. If proton therapy is right for you, our team will help coordinate your treatment and care. Proton therapy treatment can vary from one session up to eight weeks, depending on tumor sites. Each session typically lasts 30 minutes, on average. Your doctor will work with you to develop a plan that is specific to your needs.



Have questions about your upcoming consultation?
Call **410-369-5200** to get answers.



Directions to the Maryland Proton Treatment Center

The Maryland Proton Treatment Center (MPTC) is located in the University of Maryland BioPark in downtown Baltimore, just minutes from Camden Yards and the Inner Harbor. MPTC is easily accessible from Interstates I-95, 97, 83 and the Baltimore Beltway I-695.

From I-95

From the North: Follow I-95 South to exit 53 (Route 395 North/Downtown). When the road forks, keep right to enter onto Martin Luther King Blvd. Make a left on West Baltimore Street. MPTC is located on the right-hand side of the street, midway down the block.

From the South: Follow I-95 North to exit 53 (Route 395 North/Downtown). When the road forks, keep right to enter onto Martin Luther King Blvd. Make a left on West Baltimore Street. MPTC is located on the right-hand side of the street, midway down the block.

From I-83

Follow I-83 South (Jones Falls Expressway) until the expressway ends, turn right on East Fayette Street (will turn into West Fayette). Make a left on Martin Luther King Blvd. Make a right on West Baltimore Street. MPTC is located on the right-hand side of the street, midway down the block.

From I-70

Take I-70 East to I-695 South (Glen Burnie). Follow I-695 to I-95 North. Merge onto exit 53 (Route 395 North/Downtown). When the road forks, keep right to enter onto Martin Luther King Blvd. Make a left on West Baltimore Street. MPTC is located on the right-hand side of the street, midway down the block.

From I-97

Follow I-97 N to I-695 W (Baltimore/Towson). Once on I-695 W, take Exit 7B for MD-295 N towards Baltimore. MD-295 will become Russell Street. After passing Horseshoe Casino and Raven's Stadium on your right, stay right on Russell Street and follow signs for Martin Luther King Boulevard. Stay on Martin Luther King Boulevard for about 1 mile. When you reach W Baltimore Street, make a left. MPTC is located on the right-hand side of the street, midway down the block.

From Washington, D.C. or BWI Airport

Follow I-295 North to Baltimore. Upon entering the city, I-295 will become Russell Street. After passing Camden Yards baseball stadium, Russell Street will become Paca Street. Make a left on West Fayette Street. Then turn left onto Martin Luther King Blvd. Make your first right on West Baltimore Street. MPTC is located on the right-hand side of the street, midway down the block.

Parking

Free Patient Valet Parking is available at the Maryland Proton Treatment Center. Turn right at the main entrance, located midway down the 800 block of West Baltimore Street.

Garage One

A covered parking garage is located $\frac{1}{2}$ block away from the center on the corners of West Baltimore and North Poppleton streets. Please make sure to tell the attendant you have an appointment at the Maryland Proton Treatment Center.

Upon leaving the garage, walk approximately $\frac{1}{2}$ block east back toward Martin Luther King Boulevard. The Maryland Proton Treatment Center is located on the same side of the street as the parking garage. After your appointment is complete, your parking ticket will be validated in the main lobby upon check out.

While there is metered street parking available on West Baltimore Street near the center, we encourage use of the valet parking services or Garage One as both options are free of charge to MPTC patients.

Please do not hesitate to contact our office at **410-369-5200** with any questions.

RING IN HOPE



"Every day is a gift, just untie the ribbon."

~Mrs. Patricia Tierney, cancer survivor



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