



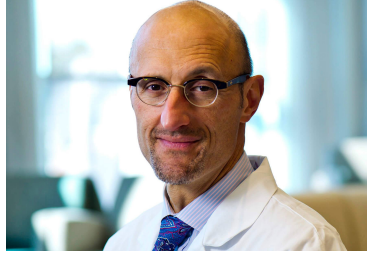
Proton Therapy Is Pretty Amazing

Since opening our doors in 2016, the Maryland Proton Treatment Center (MPTC) has helped over 3,000 people from all over the world in their fight against cancer using the power of protons.

The first proton therapy treatments for cancer were delivered in 1954. Since then, it's become the most technologically advanced radiation treatment available. With numerous ongoing clinical trials to further advance the technology, including many happening right here at MPTC, the future of proton therapy is bright.

We created this newsletter to keep you updated on what's happening in the world of proton therapy and the amazing things going on at our center. Welcome to The MPTC Report. We hope you continue to follow along in our journey and stay up to date with important information about our ongoing research, the latest advancements in radiation oncology, and inspiring testimonials from our patients, physicians and partners. If for some reason you don't think this content is right for you, feel free to unsubscribe.

Sincerely,
William F. Regine, MD, FACR, FACRO
Isadore and Fannie Schneider Foxman Chair and Professor of Radiation Oncology University of Maryland School of Medicine
President, University of Maryland Medical Center Staff
Organization Executive Director, Maryland Proton Treatment Center



January Is Cervical Cancer Awareness Month

Did you know cervical cancer used to be the leading cause of death in women? Thanks to advancements in medicine, including an increased rate of Pap smear examinations, this is no longer the case. There are approximately 12,000 women in the U.S. diagnosed with the disease every year.

Treatments such as proton therapy and hyperthermia therapy can successfully treat gynecological cancers, including cervical cancer.

As with all cancers, the best chance to successfully fight cervical cancer is with early detection. The American College of Obstetricians and Gynecologists recommends women who are 21 to 29 have a Pap test every three years. For women who are 30 to 65, it recommends a Pap test and an HPV test every five years, a Pap test alone every three years, or HPV testing alone every five years.

Watch this recorded presentation featuring MPTC experts: How Proton Therapy Treats Women's Cancers Differently

"For gynecologic cancer patients, proton therapy has the potential to lead to fewer short- and long-term side effects, particularly to the small bowel, large bowel, bladder, kidneys and pelvic bone marrow. Proton therapy can be especially beneficial for patients with advanced endometrial and cervical cancer, and those who have had a prior radiation therapy and/or a disease recurrence."

Pranshu Mohindra MD, MBBS
Associate Professor of Radiation Oncology,
University of Maryland School of Medicine

Why Regular Cancer Screenings Should Be Your New Year's Resolution in 2022

By the time symptoms appear, it is common for cancer to have already progressed significantly. This is why screening is so important. It allows for early cancer detection, helping to increase the chances of beating the disease.

JAMA released an original investigation in April 2021 that analyzed the impact of COVID-19 on cancer screening rates across the United States. Findings noted a sharp decline and slow subsequent recovery of breast, colorectal and prostate cancer screening rates in 2020. This could result in later detection and more advanced staging at diagnosis, which can greatly impact outcomes. Check out this helpful guide below for recommended screenings for specific cancer types by age group:

Cancer Screening Guidelines by Age		
21 - 39	40 - 49	50 +
Colon	Prostate	Colon
Breast	Colon	Lung
Cervical	Breast	Prostate
	Cervical	Colon
		Breast
		Cervical

Coping and Living Well during Cancer Treatment

The American Cancer Society has a great resource for anyone going through a cancer journey. There's information on eating well, staying active, ways to manage stress and more. Check out its website for more information.

The Top 5 Cancer-Related Podcast Episodes of 2021

Check out the top five cancer-related podcasts of 2021 from CURE Magazine These podcasts cover a variety of topics, including ovarian cancer, cancer and COVID-19, leukemia diagnosis and more. Listen now.

Clinical Trail Spotlight

MPTC is conducting a gynecologic clinical trial to test the use of proton therapy with concurrent chemotherapy with endometrial cancer. Titled the "Upproach" Approach: A Phase 2 Study of Upfront Intensity Modulated Proton Beam Therapy (IMPT) and Concurrent Chemotherapy for Post-Operative Treatment in Loco-regionally Advanced Endometrial Cancer [Sponsor: University of Maryland] PI: Pranshu Mohindra, MD, MBBS, it is presently open for new patients.

For more information or to be considered for the study, please contact 410.369.5351.



Staff Spotlight:
Mark V. Mishra, MD
Associate Professor of Radiation Oncology,
University of Maryland School of Medicine

With more than fifty peer-reviewed journal articles and book chapters published by Dr. Mishra, he was recently named as a 2021 recipient of NCI's Cancer Clinical Investigator Team Leadership Award for his outstanding work with clinical trials. He has also been named a Top Radiation Oncologist by Baltimore Magazine.

He specializes in central nervous system, genitourinary, and breast tumors. His research focus at the University of Maryland has centered on comparative and cost-effectiveness studies on new and complex radiation therapy technologies.