

**FOR IMMEDIATE RELEASE**

**PTW Announces First North American Installation and FDA 510(k) Clearance  
of BEAMSCAN® MR Motorized 3D Water Phantom**

**NEW YORK, April 07, 2020** — PTW has installed the first BEAMSCAN® MR motorized 3D water phantom in North America at the Princess Margaret Cancer Centre in Toronto, Ontario, Canada. In addition, PTW announces that the BEAMSCAN MR water phantom recently received 510(k) clearance from the U.S. Food and Drug Administration and is now available for sale within the United States. The BEAMSCAN MR motorized 3D water phantom provides a dedicated, fully equipped solution for beam data commissioning and annual QA of MR-LINACs.

The Princess Margaret Cancer Centre is part of the University Health Network, which is affiliated with the University of Toronto. It is one of the largest comprehensive cancer treatment facilities in the world and the largest radiation treatment facility in Canada. It houses two state-of-the-art MR-LINAC systems: an

Elekta Unity system as well as an MR-on-rail system combined with a linear accelerator and a brachytherapy afterloader (MRgRT system).



*Images 1-3: PTW BEAMSCAN® MR for Elekta Unity at Princess Margaret Cancer Centre*

“We invested in the BEAMSCAN MR because it is an essential tool for the commissioning and maintenance of our Elekta Unity MR-LINAC,” said Daniel Létourneau PhD, head of physics in the Radiation Medicine Program at Princess Margaret Cancer Centre. Dr. Létourneau leads clinical operations as well as the academic and education activities of the Medical Physics Department at the Princess Margaret Cancer Centre.

“The BEAMSCAN MR enables us to conduct in-depth radiation beam characterization and quality assurance of our Unity MR-LINAC,” Dr. Létourneau added. “Because it is designed for compatibility with the Elekta Unity, we can perform accurate beam profile and depth-dose curve measurements in the specific geometry of the MR-LINAC.”

The BEAMSCAN MR water phantom is available for both the Elekta Unity and ViewRay® MRIdian® MR-LINACs. It is the first motorized 3D water phantom suitable for clinical use in a 1.5 T MR environment. The BEAMSCAN MR phantom comes ready to use on a single carriage and includes everything needed for operation.



PTW is continuously developing innovative dosimetry solutions to deliver fast, precise measurements for complex radiation equipment and treatment plans. PTW delivers a full line of dosimetry solutions for acceptance testing, beam data commissioning, and machine- and patient-specific QA.

For more information about the BEAMSCAN MR motorized 3D water phantom, visit the [MR-guided radiotherapy QA solutions product page](#) on PTW’s website.



Find details about The Princess Margaret Cancer Centre [here](#).

*Image: PTW BEAMSCAN® MR for Elekta Unity*



### **About PTW**

PTW is a world leader in high-precision dosimetry solutions. Founded in 1922, the company is a pioneer in medical radiation measurement. PTW owns one of the oldest and largest accredited calibration laboratories in the field of ionizing radiation and established THE DOSIMETRY SCHOOL to promote the exchange of knowledge in clinical dosimetry. PTW operates globally with nine international subsidiaries and more than 350 employees worldwide. For more information, visit: [www.ptwdosimetry.com](http://www.ptwdosimetry.com).

### **Media Contact**

Lisa Goetz  
Schubert b2b  
610-269-2100 x244  
[lgoetz@schubertb2b.com](mailto:lgoetz@schubertb2b.com)