
PRESS RELEASE

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Beaumont Hospital, US, extends RayStation to Photon Therapy

Beaumont Hospital in Royal Oak, Michigan, has chosen to make a significant extension to its RayStation installation, which will include photon therapy in addition to proton. RayStation will be used for photon planning at Beaumont Hospital in Dearborn, where new linacs will be commissioned for the system. The purchase also includes additional functionality and licenses for proton therapy at Beaumont Hospital, Royal Oak.

The nationally recognized cancer program at Beaumont is based on the latest treatment technologies. Beaumont initially purchased RayStation for proton therapy in 2014, and advanced features such as adaptive therapy and deformable registration are key elements of its workflow.

“We are excited about having the opportunity to extend RayStation to our photon business,” says Craig Stevens, M.D., Ph.D., Radiation Oncologist and Chairman, Radiation Oncology at Beaumont. “It will allow us to mix proton and photon planning, ultimately streamlining and improving efficiency.”

Xuanfeng Ding, Ph.D., Lead Proton Physicist, adds: “We often create both a photon and proton plan and compare side-by-side to determine the best treatment option for each patient. Deformable registration has been a great help in our proton center, helping us to evaluate previous dose and generate the plan sum on the current CT. In combination with the adaptive functionality, it definitely helps improve quality of patient care and workflow efficiency.

Johan Löf, CEO of RaySearch, says: “Beaumont has an outstanding track record in using advanced technology to ensure the optimal treatment method for each patient. RayStation is an excellent fit for this approach, with comprehensive functionality to support cutting-edge techniques and the widest range of treatment machines. I look forward to a successful partnership that will benefit many patients in Michigan.”

About Beaumont Hospital

Beaumont is Michigan's largest healthcare system, established in 2014 to provide patients in Southeast Michigan with compassionate, extraordinary care. Beaumont Health's culture of caring partnerships and its care delivery model of patient- and family-centered care demonstrates its commitment to engaging patients, families and the community to promote continuous healthcare improvements. With 8 hospitals, 174 health centers, close to 5,000 physicians and 38,000 employees, Beaumont Health contributes to the health and well-being of residents throughout Southeast Michigan and beyond.

About RayStation

RayStation integrates all RaySearch's advanced treatment planning solutions into a flexible treatment planning system. It combines unique features such as multi-criteria optimization tools with full support for 4D adaptive radiation therapy. It also includes functionality such as RaySearch's market-leading algorithms for IMRT and VMAT optimization and highly accurate dose engines for photon, electron and proton and carbon ion therapy. The system is built on the latest software architecture and has a graphical user interface offering state-of-the-art usability.

About RaySearch

RaySearch Laboratories AB (publ) is a medical technology company that develops innovative software solutions for improved cancer treatment. RaySearch markets the RayStation treatment planning system to clinics all over the world and distributes products through licensing agreements with leading medical technology companies. The company recently launched the next-generation oncology information system, RayCare*, which comprises a new product area for RaySearch. RaySearch's software is used by over 2,600 clinics in more than 65 countries. The company was founded in 2000 as a spin-off from Karolinska Institute in Stockholm and the share has been listed on Nasdaq Stockholm since 2003.

To learn more about RaySearch, go to: www.raysearchlabs.com

* Subject to regulatory clearance in some markets.

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