
PRESS RELEASE

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RayStation and RayCare in clinical use with carbon ions at Yonsei Cancer Center in South Korea

RaySearch Laboratories AB (publ) announces that Yonsei Cancer Center in South Korea has treated its first patient using RayStation® and RayCare®* for carbon ion radiation therapy.*

The first treatment, for a patient with prostate cancer, was successfully carried out on April 28. Yonsei Cancer Center uses the RayStation treatment planning system for photon and carbon ion treatment planning and was the first clinic in the Asia-Pacific region to adopt the RayCare oncology information system. Now, the center becomes the first clinic in this region to start clinical operations with RayCare. At Yonsei, RayCare is connected to the Toshiba carbon ion accelerator facility equipped with two superconducting carbon gantry rooms and one fixed beam line room.

Ik Jae Lee, Director, Yonsei Cancer Center, says: “We are proud to have treated our first patient using RayStation and RayCare. Yonsei was the first carbon-ion therapy center in Korea. We provide our patients with innovative carbon-ion therapy with the most advanced systems for radiation therapy planning and oncology information. We firmly believe that the support and cutting-edge techniques of RaySearch play extremely important roles in making this a reality at Yonsei and in Korea.”

Johan Löf, founder and CEO, RaySearch, says: “We are pleased that Yonsei has started clinical treatments with carbon ion therapy using RayStation and RayCare. RaySearch is proud to take part in the field of carbon ion therapy as a leading supplier. We are also pleased to see that our RayCare oncology information system with Yonsei now is in clinical use in Asia.”

[About Yonsei Cancer Center](#)

Established in 1969, Yonsei Cancer Center takes a leading role in developing new treatment approaches to eliminate cancer. The center, which is part of Yonsei University Health System (YUHS), has continuously invested to introduce state-of-the-art technology and new techniques to South Korea, providing tailored treatment regimens and giving hope to patients and caregivers. YUHS was founded in 1885 as the first modern medical institution in the country and has since opened two graduate schools, three colleges, five hospitals and a range of other clinical and research facilities.

[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 (TPS) and the oncology information system (OIS) RayCare®*. The most recent additions to the RaySearch product line are RayIntelligence® and RayCommand®*. RayIntelligence is an oncology analytics system which enables cancer clinics to collect, structure and analyze data. RayCommand, a treatment control system (TCS), is designed to link the treatment machine and the treatment planning and oncology information systems.

RaySearch software has been sold to over 900 clinics in more than 40 countries. The company was founded in 2000 as a spin-off from the Karolinska Institute in Stockholm and the share has been listed on Nasdaq Stockholm since 2003. More information is available at raysearchlabs.com.

About RayStation

RayStation®* is a flexible, innovative treatment planning system, chosen by many leading cancer centers worldwide. It combines unique features such as unmatched adaptive therapy capabilities, multi-criteria optimization, market-leading algorithms for treatment plan optimization for HDR brachytherapy and external beam therapy with photons, electrons, and protons, as well as helium and carbon ions. RayStation supports a wide range of treatment machines, providing one control center for all treatment planning needs and ensuring centers get greater value from existing equipment. RayStation also seamlessly integrates with RayCare®*. By harmonizing the treatment planning, the care of cancer patients worldwide is improved.

About RayCare

The RayCare®* oncology information system (OIS) is designed to support the many complex logistical challenges faced by today's oncology clinics. RayCare is closely integrated with RayStation®* and provides seamless access to all the powerful planning tools in RayStation and RayCommand®. The system efficiently coordinates activities in radiation therapy and offers advanced features for clinical workflow automation, and adaptive radiation therapy. RayCare responds to the demand from clinics for a more user-friendly and workflow-oriented information system that can support the cancer care of the future.

** Subject to regulatory clearance in some markets.*

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