
PRESS RELEASE

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RAYSTATION AND RAYCARE ON SHOW AT AAPM, DENVER

From 30 July–3 August, RaySearch will be exhibiting at the 59th AAPM Annual Meeting in Denver, Colorado. The company will demonstrate the innovative features in the latest release of its treatment planning system, RayStation®. In addition, RaySearch will give preview demonstrations of its forthcoming oncology information system, RayCare®*, which is due to be launched in December 2017. Attendees are welcome to visit RaySearch at booth #5079, and demonstrations can be booked now at www.raysearchlabs.com.

New features in RayStation 6

New functionality and a wide range of general improvements will all be on show. Major additions include support for TomoTherapy. RayStation will be the only system that enables planning for both conventional linacs and TomoTherapy systems, giving one point of control for all treatment planning activities.

RayStation 6 also introduces simultaneous optimization of multiple beam sets for SMLC, DMLC and VMAT, and MR-based planning, which makes it possible to use an MR image as the planning image for photon therapy. Other highlights on show include Monte Carlo dose calculation for proton pencil beam scanning (PBS) and PBS planning with block apertures.

Automated planning and Plan Explorer

RayStation has extensive automated planning features that help optimize workflows and create new treatment possibilities. Plan Explorer, for example, makes it possible to automatically generate a large number of high-quality treatment plan alternatives, saving valuable time and giving the clinician a wide range of options to consider.

Adaptive therapy

RayStation is designed to make adaptive therapy easy to implement and perform in clinical practice. At the RaySearch booth, attendees can discover how automation features and smart tools in the fully integrated dose tracking and adaptive planning modules make it straightforward to get started.

The next-generation OIS

RayCare has been developed from the ground up by RaySearch to support the complex logistical challenges in modern, large-scale radiation therapy centers. RayCare integrates the high-performance radiation therapy algorithms available in RayStation and adds advanced features for clinical resource optimization, workflow automation and adaptive radiation therapy.

Evening symposium: Advancing cancer treatment through software innovation

On Sunday 30 July from 6.30 pm, RaySearch will hold an evening symposium at the Grand Hyatt Denver, focused on how software is driving innovation in oncology. Moderator: Marc Mlyn, President, RaySearch Americas

Symposium presentations:

From history to future: Replacing a decade-old TPS with RayStation

Dr. Shiva Das, Medical Physicist, UNC School of Medicine, Chapel Hill, NC, USA

Fight cancer with code

Johan Löf, Founder & CEO, RaySearch Laboratories AB, Stockholm, Sweden

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, proton and carbon ion therapy. The system is built on the latest software architecture and features a graphical user interface with state-of-the-art usability.

About RayCare

RayCare is a next generation OIS developed from the ground up by RaySearch to support the complex logistical challenges in modern, large-scale radiation therapy centers. RayCare integrates the high performance radiation therapy algorithms available in RayStation and adds advanced features for clinical resource optimization, workflow automation and adaptive radiation therapy.

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 is also developing the next-generation oncology information system, RayCare, which comprises a new product area for RaySearch, and which will be launched in December 2017. 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 Institutet in Stockholm and the share has been listed on NASDAQ Stockholm since November 2003.

More information about RaySearch is available at www.raysearchlabs.com

* Subject to regulatory clearance in some markets.

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