
PRESS RELEASE

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RaySearch to present the latest advances in RayStation, RayCare and RayIntelligence at AAPM 2023

RaySearch will be showcasing the latest software innovations at AAPM in Houston, Texas, July 23-27. Attendees will be able to book demonstrations of RayStation® treatment planning system, RayCare®* oncology information system, and the cloud-based oncology analytics system RayIntelligence® during the congress.*

The latest version of RayStation includes among others support for automatic field-in-field planning for photons, a method that generates homogeneous and conformal dose distributions by combining a few subfields, as well as point-based optimization of brachy plans, and faster loading of data. Attendees will also be able to experience the next steps in workflow improvements for dosetracking and adaptive replanning. Within particle therapy planning, support for proton arcs and robust optimization based on linear energy transfer (LET) will be showed.

The latest version of RayCare includes among others enhanced treatment schedules, support for more data migration as well as feature and usability updates to the patient chart and task management. Attendees will also be able to experience the new dedicated workspace for treatment course management which support all user needs in relation to managing the fractionation schedule for treatments including assignment of plans, managing treatment settings and handling approvals.

RaySearch's latest product, the cloud-based oncology analytics system RayIntelligence, with features, such as support for DICOM and new clinical goals dashboards, will also be demonstrated during the congress.

Johan Löf, founder and CEO, RaySearch, says: "Participating at AAPM has always been of great value for RaySearch and I am looking forward to fruitful discussions with both customers and partners in research. Considering that Houston is also the home of one of our main customers and collaboration partners adds to the importance."

RaySearch presentations and posters at AAPM 2023

Wednesday July 26, 10:15am–12:15pm | Exhibit Hall – Innovation Room 1

Title: Deep Learning Segmentation in RayStation

Speaker: Grietsje Schregardus-Abma, Clinical Specialist in Machine Learning at RaySearch Laboratories

Title: Auto segmentation in Radiotherapy: Understanding Fundamentals, Benefits, and Risk

Speaker: Dong Joo Rhee, Radiation Physics Resident at MD Anderson Cancer Center

Moderator: Tucker Netherton, PhD, DMP, Department of Radiation Physics, Division of Radiation Oncology at MD Anderson Cancer Center

Sunday, July 23, 4:15pm-4.30pm | SU-400-IePD-F6

ePoster and discussion: Validation of enhanced linac-mounted kvct images for online radiotherapy

*Sebastian Andersson and Stina Svensson, PhD, RaySearch Laboratories, Stockholm, Sweden.
Lisa Mach, David Patin, Mireille Conrad, Veronique Vallet and Raphaël Moeckli, PhD, Institute of
Radiation Physics, Lausanne University Hospital and Lausanne University, Lausanne, Switzerland.*

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 (OAS) 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 is used by 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.

About RayIntelligence

Data-driven oncology represents a new era in healthcare. RayIntelligence® is an innovative cloud-based oncology analytics system that gives meaning to data, empowering cancer centers to reach new levels of personalized care through insights based on clinical data.

** Subject to regulatory clearance in some markets.*

For more information, please contact:

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