PRESS RELEASE
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INTRODUCTION OF RAYINTELLIGENCE AND THE LATEST RELEASES OF RAYSTATION AND RAYCARE AT ESTRO 2020

RaySearch Laboratories AB (publ) will reveal its latest advances in oncology software at ESTRO 2020 from November 28 through December 1, 2020. Attendees can book personal online demos of treatment planning system RayStation®* and oncology information system RayCare®*. Cloud-based oncology analytics system RayIntelligence® will be presented during RaySearch Digital Satellite Symposia.

The latest release of RayStation, 10B, is expected in December 2020. New functionalities in the release now include support for brachytherapy planning with automatic channel reconstruction and powerful dwell time optimization. These features make the creation of high-quality brachy plans both faster and more consistent. In addition, the Proton PBS Monte Carlo dose engine has been migrated from the central processing unit (CPU) to the graphics processing unit (GPU). Initial performance tests show that even very large cases, such as full craniospinal irradiations, can now be computed to full clinical accuracy in just a few seconds on a standard server. The system also includes further advances in machine-learning planning for photons and robust proton planning, as well as deep-learning organ segmentation.

RayCare promotes clinical efficiency and safety by reducing routine manual tasks and handovers. Its workflow management capabilities are enhanced by the introduction of task management, support for scripting and new patient charts. RayCare 4B is expected in December 2020.

RayIntelligence simplifies data integrations and supports analysis of patient and treatment populations, research activities and workflows. The first version of RayIntelligence, expected to be launched in December 2020, will integrate with RayStation and automatically extract its patient and treatment data for visualization and analysis.

Partnerships play a crucial role in the development of RaySearch solutions and the company will present its latest advances in radiotherapy imaging and planning together with Accuray and IBA.

Attendees at ESTRO 2020 can participate in the RaySearch Digital Satellite Symposia on November 28 from 13.00-14.00 CET to learn about data-driven oncology and using RayCare in complex treatment environments. Speakers are Fredrik Löfman, Head of Machine Learning, RaySearch, and Dr. Kai Schubert from University Clinic Heidelberg, Germany.

About RaySearch

RaySearch is a medical technology company that develops innovative software solutions to improve cancer care. The company markets worldwide its treatment planning system RayStation and next-generation oncology information system RayCare. Over 2,600 clinics in more than 65 countries use RaySearch software to improve life and outcomes for patients. The company was founded in 2000 and the share has been listed on Nasdaq Stockholm since 2003.

About RayStation

RayStation is a flexible, innovative treatment planning system, chosen by many of the leading cancer centers worldwide. It combines unique features such as unmatched adaptive therapy capabilities, multi-criteria optimization, market-leading algorithms for IMRT and VMAT optimization with highly accurate dose engines for photon, electron, proton and carbon ion therapy. 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, the next-generation oncology information system. By harmonizing the treatment planning, we enable better care for cancer patients worldwide.

About RayCare

RayCare is designed to support the complex logistical challenges of modern oncology clinics. It represents the future of oncology information system technology, supporting the vision of one oncology workflow. Many cancer patients receive a combination of treatment types, and RayCare is designed to reflect that. It will efficiently coordinate activities in radiation therapy, chemotherapy and surgery and will offer advanced features for clinical resource optimization, workflow automation and adaptive radiation therapy. RayCare is being developed with tomorrow's requirements for advanced analytics and decision support in mind.

Subject to regulatory clearance in some markets.

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

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