PRESS RELEASE

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RayStation 12A brings deep learning segmentation for all users as well as new features for brachytherapy

RaySearch Laboratories AB (publ) announces the launch of RayStation®* 12A, the latest version of the company's advanced treatment planning system. Version 12A includes innovative new features in addition to several general enhancements.

Deep learning segmentation for all users
With the release of RayStation 12A, deep learning segmentation is available for everyone that is using RayStation for patient modeling. New and updated segmentation models will be released on a regular basis. The segmentation models can be linked to segmentation templates and protocols and used to tailor fast and automated segmentation for different body sites and diagnoses.

Brachy planning for Elekta afterloaders
RayStation 12A supports brachy planning for Elekta Flexitron afterloaders. The dedicated brachy planning module allows rapid creation of optimal and accurate high-dose rate brachytherapy treatment plans. Automatic tools can be used to efficiently reconstruct the applicator and its channels. With RayStation's powerful optimization tools, optimal dwell time distributions can be obtained within seconds.

Other highlights of RayStation 12A include robust evaluation on multiple images, new and much faster electron Monte Carlo dose engine, and improvements for CyberKnife planning.

Johan Löf, founder and CEO, RaySearch, says: "Making deep learning segmentation available to all users will substantially reduce time for contouring of organs and is a good example of our ambition to automate the treatment planning process."

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 800 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.

* Subject to regulatory clearance in some markets.