

RayCare 4B: The latest release of the groundbreaking oncology information system puts user experience front and center

RaySearch Laboratories AB (publ) shares news of the latest release of oncology information system RayCare®*. Highlights of RayCare 4B include a more unified experience with the RayStation®* treatment planning system and support for multiple parallel treatments and workflows.



RayCare is installed at leading cancer clinics around the world. In 2020, RayCare was chosen for use at the Particle Therapy Interuniversity Centre Leuven in Belgium, the Yonsei Cancer Center in Seoul, South Korea – which became the first clinic in the Asia-Pacific region to adopt RayCare – Provision CARES Proton Therapy Orlando, USA, and at Swiss Medical Network clinics in both Geneva and Genolier, Switzerland.

RayCare 4B offers deeper integration and more unified user experiences with RayStation than previous releases. Additional features available include task support with task lists in RayStation, which are shared with RayCare in the left panel. It also provides improved scripting capabilities, including the option for scripts to access RayStation and RayCare at the same time, so-called RayWorld scripts.

Another important element of RayCare 4B is support for multiple parallel treatments and workflows. Some complex patient treatments require the coordination of multiple treatment regimens and RayCare 4B is designed to help clinicians keep track of care plans, orders and data flows across parallel or sequential workflows.

RayCare 4B also provides an interface to enable connection to Varian's TrueBeam™ radiotherapy system. The interface has been defined under an interoperability agreement with Varian. It is based on the DICOM and FHIR standards and is designed to seamlessly connect to the systems in the control room and handle the bidirectional flow of data to and from those systems. The Varian side of the interface will be released in conjunction with a new TrueBeam™ release under a planned regulatory submission, currently targeted for later in 2021. Consequently, interoperability between RayCare and Varian TrueBeam™ will not be available for clinical use until regulatory market authorization is granted and Varian can provide the new interface to customers.

Johan Löf, founder and CEO, RaySearch, says: "With each successive release of RayCare, it is clear how the original vision of RayCare is becoming reality. The tighter integration with RayStation, along with the addition of RayCommand and RayIntelligence, gives RayCare even greater ability to enable collaboration and to tie everything together from diagnosis to treatment and follow-up and help make cancer treatments more efficient, precise and effective."

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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 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.

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.

** Subject to regulatory clearance in some markets.*

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