

# PRESS RELEASE

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## RaySearch releases RayStation 7, including support For RayCare integration and Mevion Hyperscan

*RayStation® 7\*, the latest release of RaySearch's innovative radiation therapy treatment planning system, adds new functionality and a wide range of improvements. Significant additions include support for HYPERSCAN technology from Mevion Medical Systems, and integration with RayCare\*, the next-generation oncology information system shortly to be launched by RaySearch.*

The functionality additions in the new release are in line with RaySearch's ambition to unify treatment planning for as many systems as possible, eliminating the complications and additional steps that arise from using multiple software systems. This release also contains several enhancements to existing functionality that will contribute to improved workflows and planning efficiency.

Proton therapy is an important focus for RaySearch, and RayStation 7 contains some significant new features for the area. A key inclusion is support for Mevion's HYPERSCAN pencil beam scanning technology. In addition, RayStation now supports uniform scanning for proton therapy systems from Mitsubishi Electric. Other proton therapy improvements include snout rotation for passive proton techniques and MLC collimation for PBS and passive techniques.

Further key refinements to RayStation functionality include the addition of robust constraints in MCO, simulated organ motion for robust optimization and evaluation, multi-atlas-based segmentation and conformal arc planning for photons.

In December this year, RaySearch will launch a groundbreaking new oncology information system, RayCare, which will integrate fully with RayStation. The new RayStation 7 release includes functionality to ensure a seamless experience for users of the combined systems.

Johan Löf, CEO of RaySearch, says: "We are working to support an integrated approach to cancer care. RayCare, which is about to be launched, is a huge leap for us in terms of unifying the main oncology disciplines. By adding support for Mevion's HYPERSCAN technology and uniform scanning for Mitsubishi machines, we have taken another step towards our goal of harmonizing treatment planning. And we will add support for more systems in the near future."

\* Subject to regulatory clearance in some markets.

### 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 Institute in Stockholm and the share has been listed on Nasdaq Stockholm since November 2003.

To learn more about RaySearch, go to: [www.raysearchlabs.com](http://www.raysearchlabs.com)

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