

PRESS RELEASE

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RayStation selected for Proton and Carbon Ion Therapy centers in Heidelberg and Marburg, Germany

RayStation has been chosen as the treatment planning system for Heidelberg Ion Beam Therapy Center (HIT) and Marburg Ion Beam Therapy Center (MIT) – The new order means that all carbon ion therapy centers in Europe have selected RayStation.*

Heidenger Ionenstrahl-Therapiezentrum (HIT) and Marburger Ionenstrahl-Therapiezentrum (MIT) in Germany is both operational with protons and carbon ions and operates similar accelerator systems provided by Siemens AG. HIT has been in operation since 2009 and MIT has been in operation since 2015.

RayStation was selected jointly by clinicians and researchers at HIT, MIT, Heidelberg University Hospital and the German Cancer Research Center (DKFZ), and the system will be used across the four centers. The decision was motivated by RayStation's outstanding functionality and comprehensive support for the ion treatment technique as well as its capacity to plan for photon linacs and the TomoTherapy delivery system on the same software platform. The full RayStation installation comprises modules for proton, carbon ion and helium ion pencil beam scanning with robust biological optimization using the LEM and MKM models for radiobiological effect.

This order is a prerequisite for also providing Helium pencil beam scanning support in RayStation to HIT. Such an agreement is under discussion with HIT and is expected to be finalized during 2018.

Jürgen Debus, Prof. Dr.med. Dr.rer.nat. at the Heidelberg University Hospital says: "RayStation will give us ultimate flexibility to optimize the treatment plans for our patients and seamlessly integrate proton, ion and photon plans."

Johan Löf, CEO of RaySearch, says: "A major strength of RayStation is the ability to consolidate treatment planning for diverse treatment techniques and machines. RaySearch is committed to supporting the latest clinical approaches, and we are pleased to meet the wide-ranging needs of HIT and MIT, which are truly at the forefront of cancer treatment."

The majority of the order will be delivered and generate income during the second quarter of 2018.

About HIT and MIT

Heidelberg Ion Beam Therapy Center (HIT) and Marburg Ion Beam Therapy Center (MIT) are jointly run advanced cancer treatment facilities located in Southwest Germany. HIT at Heidelberg University Hospital was the first ion-beam therapy center in Europe to be integrated into a hospital facility and has treated more than 4,000 patients since it opened in 2009. MIT started operations in 2015, becoming Germany's second and the world's third heavy-ion therapy facility. The center's activities are supported by University Hospital Heidelberg and the University Hospital of Giessen and Marburg.

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 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 recently launched the next-generation oncology information system, RayCare*, which comprises a new product area for RaySearch. 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 2003.

To learn more about RaySearch, go to: www.raysearchlabs.com

* Subject to regulatory clearance in some markets.

For further information, please contact:

Johan Löf, President and CEO, RaySearch Laboratories AB (publ)

Telephone: +46 (0)8-510 530 00

johan.lof@raysearchlabs.com