Rabin Medical Center becomes first Israeli clinic to order RayStation

Rabin Medical Center (RMC) has selected RayStation for radiation therapy treatment planning at its Davidoff Cancer Center, located in Petah Tikva, Israel. This is the first order from a clinic in Israel, and the installation will include licenses for 3DCRT, IMRT, VMAT and adaptive therapy.

Following an evaluation of the leading systems, RMC chose RayStation due to factors such as its fast and accurate dose calculation and outstanding adaptive therapy capabilities. The purchase was funded by a donation from a patient, Ms. Desiree Dagmi, who was treated by Professor Eyal Fenig at RMC. Ms. Dagmi wanted to show her gratitude through a contribution that would help the center provide an even better service to patients.

Serving as a national center of excellence in cancer care prevention and research, RMC’s Davidoff Center is the most sophisticated and innovative facility in the Middle East for the treatment of malignant diseases, delivering comprehensive medical treatment to some 20 percent of the country’s oncology patients. The patient-friendly center integrates all of RMC’s inpatient and outpatient oncology services.

Amineh Khatib Hamad, Medical Physicist at RMC, says: “Time is an important factor for a busy clinic such as Davidoff Cancer Center. RayStation is faster than any other system in computing dose with IMRT plans, and its algorithms provide more accurate determination of dose for homogeneities than our current system. RayStation allows the summation of previous treatments with current ones to provide a good representation of dose accumulation and constraints for organs at risk, which is something we are not currently able to do. It also has the most fluent workflow for adaptive radiotherapy; we treat more than 200 patients per day, and it’s important for us to ensure high standards of treatment while allowing adaptation of personalized plans in minimum time.”

Johan Löf, CEO of RaySearch, says: “RMC is one of the leading clinical research centers in the Middle East and we are very pleased to meet their needs for high speed and accuracy. There is growing worldwide interest in adaptive therapy, and RayStation’s capabilities help make it clinical viable on a large scale.”
About Rabin Medical Center (RMC) and Davidoff Center
RMC is at the forefront of Israel’s healthcare system. It was founded with the merger of two existing hospitals: Beilinson and Hasharon in Petah Tikva. RMC is a major tertiary referral center for patients from all over Israel and beyond and a prestigious teaching hospital affiliated with the Tel Aviv University Sackler School of Medicine. RMC has been acknowledged since its founding for setting new standards of medical care and for pioneering breakthroughs in technology and medical expertise. Davidoff Center’s multidisciplinary team has leading medical experts in all the essential fields, including renowned physicians and nurses who work together to develop the best individual therapy plan for each patient. Together they provide top-quality curative and palliative care, as well as conducting extensive research into new and innovative treatment options.

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 and the RayCare* oncology information system to clinics all over the world and distributes products through licensing agreements with leading medical technology companies. 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