
PRESS RELEASE

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UMCG in the Netherlands purchases Micro-RayStation for pre-clinical research

RaySearch Laboratories AB (publ) announces that University Medical Center Groningen (UMCG) in the Netherlands has placed an order for Micro-RayStation (μ-RayStation), RaySearch's research software platform for radiation treatment planning and plan evaluation in small animal irradiation research.

UMCG has been a RaySearch customer since 2013 and use RayStation as their main treatment planning system for external beam proton and photon radiotherapy. UMCG and RaySearch also have research collaborations together, and the center is part of the RayCare®* advisory board.

μ-RayStation combines the power of RayStation for patient modelling, visualization and general workflow including scripting with the accuracy of Monte Carlo dose calculation specifically tailored for small animal irradiation with x-rays and protons. UMCG will use μ-RayStation for research purposes at the Particle Therapy Research Center ([PARTREC](#)) irradiation facility under construction at UMCG.

Johan Löf, founder and CEO, RaySearch, says: "I am pleased that our long and successful collaboration with UMCG is now being extended to preclinical research. Together with the team at PARTREC, UMCG's new research facility, we look forward to continued research and development at the forefront."

About UMCG

University Medical Center Groningen (UMCG) is one of the largest hospitals in the Netherlands and the only university medical center in the Northern Netherlands. It is also the largest employer in the Northern Netherlands with more than 12,000 employees. At UMCG complex care, research, training, and education are conducted with the common goal: building the future of health. Read more at [UMCG.nl](#).

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 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's software has been sold to over 900 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 and μ -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.

μ -RayStation (Micro-RayStation) is a software platform for planning and evaluation in small animal irradiation research. μ -RayStation combines the power of RayStation for patient modelling, visualization and general workflow including scripting with the accuracy of Monte Carlo dose calculation specifically tailored for small animal irradiation. The system supports modelling of various small animal X-ray irradiators and protons and enables fast, accurate and reproducible planning in small animal precision irradiation research.

About RayCare

The RayCare®* oncology information system (OIS) is designed to support the many complex logistical challenges faced by today's oncology clinics. RayCare is closely integrated with RayStation®* and provides seamless access to all the powerful planning tools in RayStation and RayCommand®. The system efficiently coordinates activities in radiation therapy and offers advanced features for clinical workflow automation, and adaptive radiation therapy. RayCare responds to the demand from clinics for a more user-friendly and workflow-oriented information system that can support the cancer care of the future.

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