
PRESS RELEASE

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NOTTINGHAM CITY HOSPITAL, UK, SELECTS RAYSTATION

Nottingham City Hospital in the UK has chosen RayStation as the new treatment planning system for its radiation therapy department. The department treats patients using Elekta linacs and an Accuray TomoTherapy system.

The Nottingham Radiotherapy Service is the specialist treatment center for Nottinghamshire and the East Midlands. The department has invested heavily in new technology and equipment in order to provide the best possible treatment for patients. Techniques offered include VMAT, image-guided radiation therapy (IGRT), Papillon (contact brachytherapy) and selective internal radiation therapy (SIRT). Nottingham City Hospital is a stereotactic radiosurgery referral site and receives referrals from many hospitals across the region.

RayStation will replace separate software applications currently being used for virtual simulation, deformable registration, auto-segmentation and VMAT planning. The system will enable the hospital to implement adaptive therapy, and its fast computation speed will significantly reduce planning time.

Keith Langmack, Head of Radiotherapy Physics at Nottingham City Hospital, says: "RayStation will consolidate the functionality of several different systems, giving us a smooth, integrated workflow. It can support both linacs and TomoTherapy systems and offers outstanding support for adaptive planning and automation. After a thorough evaluation of alternative systems, RayStation clearly had the edge."

Johan Löf, CEO of RaySearch, says: "Nottingham City Hospital is a leading UK center. It is highly gratifying to help them replace multiple systems, unify treatment planning and increase automation – all of which are key strengths of RayStation."

About Nottingham City Hospital

The City Hospital campus is part of Nottingham University Hospitals NHS Trust (NUH). Formed in 2006, it is now one of the largest acute trusts in England, employing 14,500 staff. NUH provides services to over 2.5 million residents of Nottingham and its surrounding communities, as well as specialist services to a further 3-4 million people from neighboring counties. The trust has a strong relationship with the University of Nottingham and other universities across the East Midlands and plays a vital role in the education and training of doctors, nurses and other healthcare professionals.

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 is also developing the next-generation oncology information system, RayCare^{®*}, which comprises a new product area for RaySearch, and which will be launched in 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 Institutet in Stockholm and the share has been listed on NASDAQ Stockholm since November 2003.

* Subject to regulatory clearance in some markets

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