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# PRESS RELEASE

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## **COLUMBIA UNIVERSITY HOSPITAL – NEW YORK CITY EXTENDS CLINICAL PARTNERSHIP WITH RAYSEARCH**

RaySearch Laboratories AB (publ.) announces that the Radiation Therapy Department at Columbia University Hospital recently has added several RayStation® licenses and the required hardware to support a distributed network environment and adaptive radiation therapy on their Varian and Siemens linear accelerators.

The combined technologies of deformable registration, dose accumulation and adaptive therapy are now available to the planning team which will allow them to commence using advanced planning solutions that focus on treating cancer in a more dynamic way.

Hansen Chen, Director of Technology Development and Systems Integration will be working towards an early 2014 implementation of adaptive therapy, using RayStation® to examine the progress of prescribed treatments over time, correcting delivery as needed to assure that the treatment as originally planned is successfully completed. Hansen Chen comments: “We need efficient tools like RayStation® to help us with the clinical workflow when it comes to technologies like adaptive therapy. To actually apply this type of treatment monitoring and correction takes a great deal of effort and resource planning. If done correctly, we can improve patient care without losing efficiency or increasing costs.”

“We are looking forward to working with Hansen and his organization in advancing these technologies. It is important for us to have customers who want to apply the most advanced planning techniques in their clinics. This helps everyone because their input and practical application helps us make our solutions even better”, says Marc Mlyn, President of RaySearch Americas.

Johan Löf, CEO of RaySearch, adds: “We see adaptive therapy as the next big step in radiation therapy and have worked very hard for several years to create a state-of-the-art treatment planning solution with full support for adaptive therapy. The clinical implementation at Columbia is an important step in the development of this new field that will grow in importance immensely over the next few years.”

### ***About the Hospital***

Columbia-Cornell University Hospital is one of the largest, most comprehensive hospitals in the nation, with more than 2,600 beds across six campuses, and one of the foremost academic medical centers in the world. With its two Ivy League medical school affiliates, Columbia University College of Physicians and Surgeons and Weill Cornell Medical College, the Hospital is committed to pursuing clinical excellence, engaging in groundbreaking biomedical research, offering outstanding medical education, and providing prevention and wellness services to the community. The hospital ranks #1 in New York and among the top seven in the U.S. out of nearly 5,000 hospitals evaluated by U.S. News & World Report for its 2013-14 Best Hospitals rankings. It is one of only 18 hospitals listed on U.S. News’ prestigious Honor Roll.

### ***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 and proton therapy. The system is built on the latest software architecture and has a graphical user interface offering state-of-the-art usability.

### ***About RaySearch***

RaySearch Laboratories is a medical technology company that develops advanced software solutions for improved radiation therapy of cancer. RaySearch's products are mainly sold through license agreements with leading partners such as Philips, Nucletron, IBA, Varian, Accuray and Brainlab. To date, 15 products have been launched through partners and RaySearch's software is used at over 2,000 clinics in more than 30 countries. In addition, RaySearch offers the proprietary treatment planning system RayStation® directly to clinics. RaySearch was founded in 2000 as a spin-off from Karolinska Institutet in Stockholm and the company is listed in the Small Cap segment on NASDAQ OMX Stockholm.

For more information about RaySearch, visit [www.raysearchlabs.com](http://www.raysearchlabs.com)

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