



5 C-RAD Catalyst systems have been ordered by Skåne University Hospital

C-RAD AB with its four fully owned subsidiaries are all active in the field of radiation therapy. Skåne University Hospital (SUS), Sweden has placed an order of five C-RAD Catalyst systems. Installations of the systems will start in 2012.

The Catalyst system is based on a new generation of hardware and software platform for high performance optical surface scanning and augmented reality through re projection. Advanced and highly optimized algorithms for non-rigid registration and deformable models enable the real-time assessment of patient positioning errors before and during treatment delivery. The system is calculating iso center adjustments. Interfaces to major LINAC vendors ensure a completely integrated workflow.

In April 2011 a research agreement was signed with the Lund University to develop and implement a solution for respiratory gating at the Skåne University Hospital. The clinical implementation is expected to start January 2012.

In spring 2011 a clinical cooperation was also established with the Skåne University Hospital with the objective to validate and develop clinical work flows of new functionalities based on the unique features of the Catalyst system for interactivity, real-time recording and deformable algorithms. Two Catalyst systems have in between been installed at SUS in Malmö.

As part of a larger order of linac systems C-RAD has received an order of five Catalyst systems. For of these systems will be integrated with Varian True beam accelerators to be installed at SUS in Lund. C-RAD also received a major order in dosimetry of IBA Blue Phantom and Star track systems.

Erik Hedlund, CEO, C-RAD AB:

"The new order of 5 Catalyst systems is the result of a successful cooperation, both with the University in Lund and Skåne University Hospital. SUS is one of the major sites to validate the unique Catalyst system. The staff has been much involved in the development of Catalyst and the integration of the system in the clinical workflow.

Skåne University Hospital is one of the few hospitals in Europe with experience in respiratory gating. Especially breast cancer patients have successfully been treated with this technique.

SUS has also been involved in the developments of the C-RAD Sentinel and GEMini systems."

Sven ÅJ Bäck, associate professor, medical physicist, Skåne University Hospital:

“The hospital has a great interest of clinical improvements in patient positioning and breathing adaption during radiation therapy. As a part of this development, the C-RAD Catalyst system offers new possibilities for on-line interaction in the treatment room. The real time feed-back between the patient outline, the nurse and the associated medical equipments will be important for an improved patient safety and clinical work-flow.

With the purchase of Catalyst for all new treatment machines at Skåne University Hospital our commitment to provide fast and efficient radiation therapy of highest standard to all patients will be facilitated. The choice of C-RAD as provider of the innovative real time patient positioning system was based on the previous experience with successful clinical implementations by the company. ”

For further information:

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About C-RAD AB

C-RAD develops new and innovative solutions for the use in advanced radiation therapy. The company group of C-RAD offers products and solutions for patient positioning, tumor localization and radiation treatment systems. End users are radiation therapy clinics worldwide. All product development is conducted in four fully owned subsidiaries; C-RAD Positioning AB, C-RAD Imaging AB and C-RAD Innovation AB and C-RAD Incorporated. C-RAD Imaging AB is located in Östersund while the other Swedish companies are located in Uppsala. C-RAD Incorporated located in Chicago IL. is responsible for sales on the North American market. Numbers of employees are currently 19 people. The activity in C-RAD AB originates from research and development at the Karolinska Institutet in Solna. Sales of the company's first product, the C-RAD Sentinel™, started in 2007. Cooperation agreements have been signed with the Swedish company Elekta and the Belgian company IBA. C-RAD is represented by distributors specialized in radiation therapy on major markets. C-RAD AB is since March 2010 listed at Nasdaq Omx First North Premier.