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Lund University confirms image quality of Gemini ED

C-RAD AB and its three wholly owned subsidiaries are all active in the field of radiation therapy. Scientists at Lund University confirm that the images from the flat panel imager Gemini ED have reached a quality that is comparable or better than the existing systems on the market.

C-RAD Gemini system is based on technology originally developed at CERN in Switzerland. Since then, the technology has been developed for use in medical applications by Professor Anders Brahme and his team at the Karolinska Institutet in Stockholm. C-RAD holds three patents, which ensures the protection of the unique technology.

Within the framework of the cooperation with Skåne University Hospital (SUS), C-RAD Imaging AB carried out several series of tests at the SUS radiotherapy department in Lund. Different generations of detectors and image panels were tested, ranging from a first simple prototype to the now finished product Gemini ED. Staff at Lund University and SUS has been able to follow the evolution of the product and also noted the gradual improvement of the image quality. A dedicated and innovative development work has now resulted in a competitive product, with benefits exceeding existing flat panel imagers for use in radiation therapy.

Crister Ceberg, Associate Professor of Medical Radiation Physics, Lund University:

"It's been exciting to follow the development of the Gemini-detector. When I saw the pictures of the first version, where you could see a wrench placed in the field, I felt there was a long way to go. Many versions later, and after several tests in Lund, the images that are now being produced are much more impressive, and you can see that Gemini detector has reached an image quality that is comparable or better than existing systems on the market. "

Erik Hedlund, CEO, C-RAD AB:

"The cooperation with Crister Ceberg at Lund University has been crucial in the development of the Gemini detector. The tests, conducted during late evenings and weekends, have given the employees of C-RAD important information during the development, and knowledge of the requirements, clinicians are putting regarding the quality of the imaging systems."

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 three fully owned subsidiaries; C-RAD Positioning AB, C-RAD Imaging AB and C-RAD Innovation AB. C-RAD Imaging AB is located in Östersund while the other companies are located in Uppsala. Numbers of employees are currently 19 people. The activity in C-RAD AB originates in research and development at the Karolinska Institutet in Solna and the The Royal Institute of Technology in Stockholm. Sales of the company's first product, the Sentinel system, started in autumn 2006. Co-operation agreements have been signed with the radiation therapy company Elekta and the Belgian company IBA. On major markets in Europe, North America and East Asia the company is represented by distributors normally specialized in radiation therapy.

C-RAD is since July 2007 listed at Aktietorget. From 8 March 2010 C-RAD will be traded at OMX First North Premier.