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A comparative study of C-RAD's GEMini™ detector system to existing systems.

C-RAD AB with its three fully owned subsidiaries develops new and innovative solutions for the use in advanced radiation therapy. The subsidiary C-RAD Imaging has with a very tight time schedule developed the first detector system, based on the unique GEM technology, for use in radiation therapy. A first comparative study in cooperation with the Karolinska Institutet in Solna Sweden is showing better or similar results than with existing detector systems. The design will be further optimized for use in radiation therapy and industrial applications.

The GEMini™ family of image detector panels is primarily designed for use in radiation therapy but the panels can also be used in industrial radiography systems. The market potential for C-RAD Imaging's GEM technology is at least 150 MUSD per year. GEMini™ products represent world class performance and comprise state of the art technology including new unique patented inventions. These new inventions enable superior image quality and real time detection combined with lower cost of ownership.

In cooperation with the Karolinska Institutet in Solna a comparative study has been performed with the detector system used by two of the largest vendors in radiation therapy, Varian and Elekta. For the study a standard so called QC3 phantom were used. Positioning of the phantom, the energy and the dose were the same to compare the three detector systems. The C-RAD GEMini ED is showing better or similar contrast and resolution than the detector systems of Varian and Elekta. The tests have been running at the University Hospital in Lund and at RayClinic outside of Uppsala. For information about comparative data see www.c-rad.se.

In parallel tests were accomplished with HITEC, a company working with industrial applications. The test objects were placed behind 12 cm of steel. Requirements were fulfilled. Integration work and tests with end customers will start in Q2 2009.

Erik Hedlund, CEO, C-RAD AB:

" The C-RAD Imaging group located outside of Östersund has presented outstanding results with the GEMini technology. Presented results are highly competitive. The design will during coming months be optimized for use in different applications. The commercialization of the GEMini detector will be intensified. The approval by HITEC is encouraging for all C-RAD employees. "

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. Number of employees are currently 19 people. The activities 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 C-RAD Sentinel™, started during autumn 2006. A co-operation agreement has been signed with the German company LAP. Distribution agreements has also been established for USA, Japan, Korea, China and Italy. C-RAD AB is a listed company on Aktietorget since 23 July 2007.