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Release of new functionality for C-RAD Sentinel™ surface contour scanner system.

C-RAD AB with its three fully owned subsidiaries develops new and innovative solutions for the use in advanced radiation therapy. The company has now released new unique functionality for the surface contour scanning system, the Sentinel™.

As an important part of the C-RAD Sentinel™ laser scanner, the system is further developed and functionality for motion detection of patients during radiation treatment is now implemented. During radiation treatment it is of utmost importance that the patient stays in correct position during the course of the treatment that can take several minutes. A sudden misalignment of the patient position can generate the result that radiation is delivered to healthy tissue instead of to the planned tumor area. The motion detection application, called cMotion, continuously detects, with sub millimeter accuracy, any unexpected movements of the patient during radiation treatment in order to safeguard a safe and efficient treatment. The Sentinel™ cMotion system is easy to use and well integrated in to the normal workflow at a radiation therapy clinic. The laser technology used does not require any cumbersome markers to be placed on the patient and no extra radiation is delivered to the patient. The motion detection, functionality can be used as a stand-alone system or integrated with the patient positioning functionality available within the Sentinel™ system concept. With the patient positioning and motion detection functionalities in place, C-RAD can offer a streamlined workflow to align the patient prior to treatment and to supervise the patient during treatment.

Cristina Svensson, CEO, C-RAD Positioning AB:

"The release of cMotion is an important step in order to offer complete functionality for patient positioning and motion detection in radiotherapy treatments. With the high degree of accuracy in combination with the highly efficient workflow we expect this solution to be appreciated at radiotherapy clinics worldwide. The possibility to supervise the patient during the treatment session is with this solution significantly improved compared to traditional manual methods. Several customers have been waiting for this release and we can now start deliveries of this product."

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.