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C-RAD presents Catalyst HD System at ASTRO

C-RAD is presenting the Surface Tracking solution Catalyst HD at the ASTRO conference in Atlanta. The newly developed system is focused on the application in Proton Therapy and Stereotactic Radio Surgery.

Catalyst HD is based on the patented C-RAD technology. With a unique arrangement of multiple 3D cameras and newly developed software, the system is convincing with superior performance for all treatments where couch rotations are applied.

All interfaces for respiratory gating and for treatment couch control, will be compatible and used with the Catalyst HD. Existing software modules for Patient Setup and Positioning, Motion Monitoring during treatment and Respiratory Gating are adopted to the new system.

With the presentation at ASTRO C-RAD sales organization is starting to offer Catalyst HD to customers in the US and Europe. C-RAD will start clinical deliveries in December 2013.

Stereotactic radiosurgery is a form of radiation therapy where the focused x-ray beam is delivered with very high accuracy into a small volume within the body. Therewith tumor tissue can be treated efficiently with minimizing the dose delivered to healthy tissue around the tumor. This treatment technique is used i.e. to treat targets in the head.

“The ASTRO exhibition is the perfect platform to present the new Catalyst HD to the radiation therapy market.” says Tim Thurn, CEO of C-RAD AB “the company has innovative technology combined with clinical expertise. With the presentation of Catalyst HD C-RAD answers to the demands of advanced clinicians and underlines its role as market leader in the field of surface tracking. The new system will complement the existing Catalyst products.”

About C-RAD

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 24 people. The activities in C-RAD AB originate from research and development at the Karolinska Institutet in Solna. Sales of the company's first product, the C-RAD SentinelTM, started in 2007. Cooperation agreements have been signed with the Swedish company Elekta, the US company Varian and the Belgian company IBA. C-RAD is represented by distributors specialized in radiation therapy on major markets. C-RAD has founded three companies for direct sales, C-RAD Incorporated in the US, C-RAD GmbH in Germany and C-RAD WOFE in China. C-RAD has acquired 29 % of the laser company Cyrpa and with an option to acquire the remaining 71 %. C-RAD AB is since March 2010 listed at Nasdaq Omx First North Premier. For more information on C-RAD, please visit www.c-rad.com.

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[1] Medline Plus 23.September 2013: <http://www.nlm.nih.gov/medlineplus/ency/article/007274.htm>