Press Release
20 October 2022 15:00:00 CEST

C-RAD and UAMS Department of Radiation Oncology collaborate to focus on SGRT Clinical Research on Proton and Conventional Radiation Therapy

UPPSALA, Sweden, October 20, 2022 – C-RAD is proud to announce their collaboration with the University of Arkansas for Medical Sciences (UAMS) to create the first demonstration site in the United States to feature C-RAD's surface guided radiation therapy (SGRT) technology on both proton and photon systems. SGRT is an advanced technology integral to the safe delivery of radiation therapy by using advanced 3D camera technology to track and monitor patient movements during set-up and treatment, helping to improve precision and protection for the patient.

The new UAMS Health Radiation Oncology Center, part of the UAMS Winthrop P. Rockefeller Cancer Institute, will house the Proton Center of Arkansas, the first such center in the state. It will be equipped with an IBA Proteus One Proton Therapy system and three new linear accelerators, including Varian TrueBeam® and Edge — technology that will advance precision cancer care for patients in Arkansas.

"With this collaboration, the program will highlight clinical findings, including the comparisons and synergies between SGRT and different modalities, through scientific, research and educational opportunities," says Dr. Zhong Su, the Director of Medical Physicist in the Department of Radiation Oncology at the University of Arkansas for Medical Sciences. "We also will focus on elevating SGRT techniques and indications within proton therapy."

"Besides the real-time monitoring during patient treatment, C-RAD also provides image guidance consistency for challenging cases that require combined photon and proton treatment and improves efficiency of radiation therapist workflow." says Dr. Fen Xia, the chair of the Department of Radiation Oncology in the UAMS College of Medicine.

C-RAD's SGRT solutions provide a tool for accurate patient setup prior to the treatment in the CT room and continuous real-time monitoring of the patient during radiation therapy treatment. C-RAD's Sentinel 4DCT and Catalyst+HD systems with the complete software suite includes modules for respiratory gating, patient setup, intra-fraction motion management and patient positioning, as well as a dedicated software that supports stereotactic treatments.

"C-RAD is excited to collaborate with UAMS as they take a leadership role in SGRT, including a focus on proton therapy by promoting clinical data to help elevate SGRT as a standard of care in radiation therapy," says Tim Thurn, CEO and President of C-RAD AB. "From simulation to treatment, C-RAD's technologies provide efficiencies in a complex treatment workflow and with collaborative research and education, we can improve on accurate tumor positioning and monitoring during treatment for all patients."

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The new UAMS Health Radiation Oncology Center is expected to begin clinical treatments in May 2023. The Proton Center of Arkansas, a partnership between UAMS, Arkansas Children's, Baptist Health and Proton International, is set to open a few months later.

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About C-RAD
C-RAD develops surface-guided imaging solutions for radiation therapy to allow highly accurate dose delivery to the tumor, and at the same time, to protect healthy tissue from unwanted exposure. Using high-speed 3D cameras combined with augmented reality, C-RAD supports the initial patient setup process and monitors the patient's motion during treatment to ensure high confidence, an efficient workflow, and improved accuracy. C-RAD monitors the patient's motion without the use of tattoos or additional imaging dose, to deliver the highest level of patient safety and comfort. C-RAD. Inspiring excellence in cancer treatment.

C-RAD AB is listed on NASDAQ Stockholm. For more information on C-RAD, please visit https://www.c-rad.com

About UAMS
UAMS is the state's only health sciences university, with colleges of Medicine, Nursing, Pharmacy, Health Professions and Public Health; a graduate school; a hospital; a main campus in Little Rock; a Northwest Arkansas regional campus in Fayetteville; a statewide network of regional campuses; and seven institutes: the Winthrop P. Rockefeller Cancer Institute, Jackson T. Stephens Spine & Neurosciences Institute, Harvey & Bernice Jones Eye Institute, Psychiatric Research Institute, Donald W. Reynolds Institute on Aging, Translational Research Institute and Institute for Digital Health & Innovation. UAMS includes UAMS Health, a statewide health system that encompasses all of UAMS' clinical enterprise. UAMS is the only adult Level 1 trauma center in the state. UAMS has 3,047 students, 873 medical residents and fellows, and six dental residents. It is the state's largest public employer with more than 11,000 employees, including 1,200 physicians who provide care to patients at UAMS, its regional campuses, Arkansas Children's, the VA Medical Center and Baptist Health. Visit www.uams.edu or www.uamshealth.com. Find us on Facebook, Twitter, YouTube or Instagram.

Attachments

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