

Kodak Announces Enhancements to Dosimetry Package for its Radiation Oncology Computed Radiography System

a report by
Kodak

ORLANDO, July 28 - Eastman Kodak Company announced enhancements to a dosimetry package for its computed radiography system (CR) for radiation oncology at the American Association of Physicists in Medicine (AAPM) annual meeting.

The dosimetry option for the KODAK 2000RT CR Plus System allows physicists to perform a wide range of beam and intensity modulated radiation therapy (IMRT) quality assurance (QA) procedures, along with the platform's existing ability to capture portal localisation, verification and simulation images required for radiation therapy patients. The 2000RT CR Plus System is the first all-in-one CR solution for therapy, simulation and dosimetry imaging. The dosimetry package became available in the fourth quarter of 2005.

Kodak's latest dosimetry software includes a new tool that equips physicists to check dose uniformity in a focused area of the QA image. This new capability will be available in the fourth quarter of 2006.

Colorado Associates in Medical Physics (Colorado Springs, CO.) was a test site for the dosimetry package. "Conducting QA testing with the KODAK 2000RT CR Plus System offers many advantages: the system produces a high-resolution image in seconds, and it eliminates the need for film processing and the artifacts that can occur. The digital image file is also much easier to store and it can be transmitted directly to our analysis software," said Greg Gibbs, a medical physicist at the facility.

Kodak's 2000RT CR Plus System also features enhanced communications capabilities that have proven extremely popular with treatment facilities that need to integrate treatment images with existing information systems. The system's DICOM (Digital Imaging and Communications in Medicine) RT Support allows facilities to interface QA, portal, verification and simulation images with DICOM-compatible treatment planning, image management and QA systems along with PACS (picture archiving

and communications systems) or digital archives.

In addition to showing its fully featured digital capture platform, Kodak also demonstrated its KODAK CARESTREAM Information Management Solutions that enable oncology treatment centres to store and manage patient information, treatment plans and images captured by a variety of different systems - all from a central database. These solutions also equip users to integrate oncology images with other clinical and non-clinical imaging and information systems to improve productivity and efficiency, while reducing overall costs. Facilities can elect to store and archive information on-site or utilise a Kodak-hosted solution.

About Kodak's Health Group

Kodak's Health Group, with 2005 revenues of US\$2.65 billion, is a world leader in supplying the medical and dental professions with advanced healthcare products, services and information technology solutions. Its broad portfolio includes (PACS), radiology information systems (RIS), healthcare information systems, CR and digital radiography (DR) systems, laser imagers, mammography and oncology systems, X-ray film systems, dental imaging products, and a range of consulting, as well as repair and maintenance services.

Kodak is the world's foremost imaging innovator, providing leading products and services to not only healthcare customers, but to the photographic and graphic communications markets. With sales of US\$14.3 billion in 2005, the company is committed to a digitally - oriented growth strategy focused on helping people better use meaningful images and information in their life and work. Consumers use Kodak's system of digital and traditional image capture products and services to take, print and share their pictures anytime, anywhere; businesses effectively communicate with customers worldwide using Kodak solutions for pre-press, conventional and digital printing and document imaging; and Creative Professionals rely

on Kodak technology to uniquely tell their story through moving or still images.

For more information about Kodak's Health Group, contact your Kodak representative or visit www.kodak.com/go/health.

KODAK and CARESTREAM are trademarks of Eastman Kodak Company. © Eastman Kodak Company, 2006. ■

Contact Information

Robert Salmon
Kodak
Tel: 585-724-7206
e-Mail: robert.salmon@kodak.com

Robette Brooks
CCS
Tel: 303-699-8861
e-Mail: rbrooks60@earthlink.net