Volume Interactions launches 3D workstation at surgical meeting

Volume Interactions, a member of the Bracco Group, featured a virtual reality system for neurosurgical planning April 27 at the Society for Imaging Informatics in Medicine meeting. The company unveiled the unit just days earlier at the meeting of the American Association of Neurological Surgeons. The Dextroscope workstation provides interactive 3D visualization for applications in surgical planning and evaluation, offering surgeons the ability to explore and interact with patient-specific neurological structures. Data for the reconstructions are obtained using CT and MR.

FDA clears wide-bore CT from GE

GE Healthcare has the green light from U.S. regulators to begin marketing a 16-slice wide-bore CT. The company plans to market two configurations. LightSpeed RT16 enables advanced imaging for radiation therapy planning. LightSpeed Xtra is a premium 16-slice CT scanner designed for radiology needs such as trauma, interventional, and bariatric procedures. Both feature an 80-cm gantry opening. Built into the oncology system is AdvantageSIM MD, the latest generation of GE's simulation and localization technology, integrating 4D data into the planning process and providing multimodality/multiphase simulation for use with intensity-modulated and image-guided radiation therapy.

Amicas licenses workflow manager

PACS developer Amicas announced at SIIM that it has licensed workflow software developed and tested at Cincinnati Children’s Hospital Medical Center. Radstream was developed at the Radiology Informatics Research Core at Cincinnati Children’s over the past three years in collaboration with researchers at the University of Cincinnati College of Business. It has improved radiology report turnaround time by 40%, dropping the department's average for outpatient results down to 36 minutes.

Philips partners to diagnose lung disease

Multimodality giant Philips Medical Systems reported at SIMM a deal to license software that helps identify, quantify, evaluate, and report pulmonary nodules. IQQA-Chest, developed by EDDA Technology, will be available as part of the Philips' digital radiography portfolio. Clinical studies indicate that IQQA-Chest increases discovery rates of small nodules up to 85%. The product will be launched initially in the U.S., where it has already received regulatory clearance. It will be available in other countries after 2007.

Disclosures: