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Providence Everett Implements LUMEDX CardioPACS to Replace Legacy Cardiology PACS in Cardiac Cath & Eliminate Videotape Image Review in Echocardiography

OAKLAND, CA – The Heart and Vascular Institute at Providence Everett Medical Center announces the successful implementation of what is the first phase of a comprehensive cardiovascular information and image management system from LUMEDX Corporation, a leading provider of fully integrated cardiology information solutions. Phase one included installing LUMEDX's multi-modality imaging solution CardioPACS. CardioPACS enables physicians to view both cath and echo patient studies from one workstation, helping to streamline workflow and increase productivity. The CardioPACS technology has also expanded the number of online patient records, helping to reduce staff time spent manually pulling images from the archives.

Providence Everett installed CardioPACS in the cardiac cath lab to replace a legacy PACS. All non-DICOM and DICOM legacy cardiac cath studies will be converted and migrated to the hospital storage area network (SAN) by LUMEDX. CardioPACS image management software will enable doctors to retrieve any of these legacy studies for comparison viewing on the new CardioPACS diagnostic viewing workstations.

A new Philips cardiovascular X-ray system and two Trex cath labs are interfaced to CardioPACS via the hospital network. Echocardiography images from three Siemens Acuson Sequoia/Aspen systems transfer DICOM images via the hospital network to the CardioPACS server. Five CardioPACS Diagnostic Viewing workstations in the cardiac cath and echocardiography departments provide doctors with immediate access to multi-modality image review.

According to Database Manager Chad Kent, "LUMEDX's CardioPACS solution simplifies management of digital images, so there are fewer problems in finding, accessing, and reviewing studies. And because patient images are available online going back to 2002, we have experienced a substantial drop in the need to pull records manually from the archives, saving the staff up to four hours a week. Physicians in particular find it far more convenient to read images because they can view both cath and echo patient studies from one workstation without having to go to a different system each time."

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In phase 2, the current Apollo Advanced database, documentation and reporting system will be upgraded and expanded to include CardioDOC – LUMEDX’s solution for automating physician documentation, reporting and distribution of results. CardioDoc helps automate manual, redundant and paper-intensive tasks.

“LUMEDX has been developing, implementing, and supporting proven CVIS solutions for over 15 years—it is our core competency and singular priority,” says Laurel Shearer, LUMEDX Executive Vice President of Sales and Marketing. “Our partnership with the Heart and Vascular Institute at Providence Everett Medical Center reflects our belief that efficient processes supported by information technology can contribute to substantial improvements in quality of patient care, productivity, and profitability across the cardiovascular service line.”

ABOUT LUMEDX

With over 350 heart center clients worldwide, LUMEDX is the market leader in fully integrated cardiovascular information systems and the No. 1 independent integrator of cardiology information solutions. LUMEDX offers the most proven, comprehensive package of clinical information tools, cardiovascular products, and services to help medical institutions enhance quality of patient care, reduce costs, streamline workflow, increase patient volume, and grow revenue. Visit LUMEDX at www.lumedx.com.

ABOUT HEART AND VASCULAR INSTITUTE AT PROVIDENCE EVERETT

The Heart and Vascular Institute at Providence Everett Medical Center is one of the largest, most advanced cardiovascular programs in Washington. For seven years in a row Providence Everett Medical Center’s cardiovascular services have been recognized with quality national awards. The Heart and Vascular Institute serves patients from throughout Northwestern Washington. Its philosophy is to create partnerships between primary care physicians, heart and vascular specialists, hospital staff and most importantly, with patients. Visit Providence Everett Medical Center at www.providence.org/everett.