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LUMEDX Launches StarVascular™ Suite for Advanced Vascular Service Line Support

Comprehensive Vascular & Cardiology Clinical Data Repository Solution Focuses on Quality Outcomes, Inventory Management, Operational Efficiency, and Registry Participation & Accreditation

OAKLAND, CA – LUMEDX today introduced the next breakthrough in its vascular software solutions: **StarVascular**, advanced vascular modules for the **Apollo Advance™** clinical data repository. StarVascular is designed to help hospitals and specialty heart and vascular institutes take advantage of the close integration between clinical information from cardiology and vascular service lines. The most successful medical centers are focusing on clinical data integration and quality management: tracking and improving clinical outcomes, managing and reducing the costs of inventory, and achieving operational efficiency and higher volumes. StarVascular enables medical centers to collect, manage, and analyze their vascular data for electronic medical records, patient reporting, and national registry accreditation, including ICAVL and the upcoming ACC-NCDR Registry: Carotid Stent. With the introduction of the four StarVascular modules, LUMEDX elevates vascular data collection, integration of images, and analytic reports to an unparalleled level in vascular medicine today.

The StarVascular modules:

- **Peripheral Vascular Diagnostic**
- **Peripheral Vascular Invasive**
- **Vascular Surgery (spring 2006)**
- **Neurovascular (summer 2006)**

LEADERSHIP & INNOVATION

LUMEDX has long been the leader in cardiology information systems. By acquiring Atrium's vascular software, VASLAB and AtriumNet-MD, in January 2005, LUMEDX also became the leading provider of vascular information systems and ICAVL registry software. The extension to vascular medicine is a natural development for LUMEDX, combining our expertise in clinical data management and integration across these complimentary service lines. LUMEDX will continue our leadership in registry software solutions by achieving full accreditation from ICAVL and the American College of Cardiology for our new StarVascular suite.

38 SEPARATE NON-INVASIVE EXAMS DOCUMENTED

The new **PV Advanced Diagnostic Module** is comprehensive—capable of capturing procedural data for 38 individual peripheral arterial and venous vascular exams in four distinct anatomical regions: cerebrovascular, upper extremity/thoracic, abdomen, and lower extremities. PV Advanced utilizes data from your Apollo database to populate fields in your PV event.

Contact:

Randy M. Lasnick
Director of Marketing
LUMEDX
(510) 903-2092
randy.lasnick@lumedx.com

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Demographics, history, medications, and more are pulled into the record to minimize retyping the same information. Other features in the PV – Diagnostic Module include:

- Diagrams to visually document lesions and disease
- Extensive post-procedural reporting capabilities; reports can be completed and approved immediately following the case
- Summary report to highlight findings
- Technical documentation for imaging sonographers
- Image storage feature attaches third party reports and images to a specific patient procedure

This module will also aid in ICAVL submission and accreditation by performing the required mathematical calculations and correlative matrixes.

PVI MODULE COMPLEMENTS REPORTING & REGISTRY SOLUTIONS

The *Peripheral Vascular Invasive Module* documents peripheral arterial and venous vascular procedures in four distinct anatomical regions: cerebrovascular, upper extremity, thoracic/abdominal/visceral, and lower extremities. Procedural documentation includes a lesion view for lesion-specific data as well as views for procedure-specific clinical information. Procedures may be performed in the catheterization lab, in the interventional radiology lab, and/or in the operating room.

LUMEDX will make participation in the *upcoming ACC-NCDR Carotid Stent Registry* (coming summer 2006) simple and straightforward with our PVI Module. The module captures required registry data and highlights applicable fields to ensure they are completed. Also in 2006, PVI will offer an add-on physician reporting solution, *CardioDoc™*. This physician reporting solution enables physicians to produce and distribute comprehensive patient reports including clinical data and images right after the case. An e-signature and HIPAA-compliant security features ensure data integrity.

VASCULAR SURGERY & NEUROVASCULAR COMING IN 2006!

The *Vascular Surgery Module*, coming spring 2006, will provide comprehensive data collection for vascular surgery procedures. The module will combine Centers for Medicare & Medicaid Services (CMS) carotid endarterectomy data, inventory tracking, and post-procedural reporting together for a complete vascular surgery solution.

Also in 2006, LUMEDX will develop a *Neurovascular Module* in partnership with St. Luke's Mid America Brain and Stroke Institute. This new module will track neurological events from admissions through diagnostics, intervention, and discharge. Included will be *Get With the Guidelines* data collection for stroke, thrombolytic use, device tracking, and patient and outcomes reports.

AUTOMATION & INTEGRATION WITH CARDIOLOGY, DEVICES, HIS

LUMEDX has 15 years of experience providing clinical data integration for cardiology. We understand the importance of precision and data integrity with the breadth of clinical data involved. Over 60 interfaces to medical devices, imaging systems, and hospital information systems streamline data collection and integration. Clinical modules collect data for over 30 clinical sub-specialties including catheterization, cardiac surgery, and electrophysiology.

PRODUCTIVITY SUITE FOR MEDICAL CENTERS

Apollo Advance is part of our CardioStar productivity suite – a comprehensive set of fully integrated cardiology information systems that includes outcomes management, cardiology PACS, physician

documentation, scheduling, and inventory. CardioStar maximizes efficiency by serving as a single access point where users can collect, manage, and analyze patient information from a wide range of clinical specialties. With point-and-click ease users can navigate between full resolution images, patient reports, and system-wide analytics for outcomes and operational performance.

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. For more information visit www.lumedx.com.