



FOR IMMEDIATE RELEASE: May 12, 2006

## **University of Colorado Hospital Selects LUMEDX CardioStar™ Technology to Help Collect, Integrate, and Consolidate Data Across Cardiovascular & Interventional Radiology Service Lines for Improved Outcomes Reporting, Resource & Revenue Management**

**OAKLAND, CA** – University of Colorado Hospital, recognized as one of America's best hospitals, according to U.S. News & World Report, announced today that it has selected the LUMEDX CardioStar technology – a fully integrated suite of cardiology information systems, device and enterprise interfaces, and workflow optimization tools – to help streamline the collection, integration, and consolidation of data across cardiovascular and interventional radiology service lines, as well as facilitate communications among physicians and staff, contributing to quality patient care, better cost and resource management, and improved workflow and productivity. CardioStar will serve as the backbone for tracking cardiology-related outcomes and help link the University of Colorado Hospital to ambulatory clinics to support both long-range inpatient and outpatient care. Easier access to patient, inventory, and operational data through CardioStar also enables the University of Colorado Hospital to be more proactive in driving quality initiatives.

Implementing LUMEDX's Apollo Advance™ clinical data repository will provide University of Colorado Hospital with a central repository of cross-modality cardiovascular information to foster data integration across the CV service line, eliminating the problems associated with isolated silos of information, while providing both physicians and staff with easier access to the data. Apollo's supporting clinical modules will simplify regulatory reporting, including ACC and STS registry participation. Deploying CardioStar's extensive set of device and enterprise interfaces will promote greater modality integration to help streamline operations – such as reducing chart abstraction and manual data entry – and produce greater productivity.

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OAKLAND, California  
May 12, 2006

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LUMEDX's CardioDoc™ physician documentation will facilitate and streamline both procedure and aggregate reporting, as well as help automate manual, redundant, and paper-intensive tasks. CardioInventory™, automated inventory management system, streamlines charge capture and decreases lost charges by capturing equipment and procedures at the point of care. CardioInventory ensures waste is tracked accurately, helping the University of Colorado Hospital to develop programs and procedures to contain costs. LUMEDX's patient and resource scheduling system, CardioSchedule™, will provide the University of Colorado Hospital with the tools to schedule staff, rooms, and physicians in real-time, promoting better communications and resource management. CardioSchedule's Web-enabled browser view enables remote physicians and staff to check on case progress and wait times at their home, office, or throughout the enterprise.

According to Cathy Clark, Cath Lab Manager, “We wanted a partner who would work with us to design a solution that would achieve our strategy and goals. We studied several systems and found LUMEDX to be the most qualified, flexible, and willing partner to tailor a solution to meet our needs. The LUMEDX solution is highly customizable. They provide both customization services as well as the tools that allow the hospital to do customizations on its own. No other vendor was willing – or capable – of matching the level of customization that LUMEDX could deliver. As a prominent academic medical center, we need to be able to build in options to collect new data elements as required by new studies and programs. In particular, this included working with radiology and cardiology to consolidate both service line data streams. This is a unique program and LUMEDX really stepped up to the plate in working with the hospital and physician leadership to make it happen.”

“In addition,” says Ms. Clark, “we were impressed with the breadth of solutions LUMEDX offers as well as the number of institutions that use LUMEDX. It gives you a great deal of confidence knowing that you’re working with a partner who has performed so many installations successfully with highly prominent institutions.”

“What’s critical,” explains Jeffrey Woods, Executive Director of Cardiac Services, “is that LUMEDX is helping to turn ‘silos of data’ found throughout the CV service line into streams of information connecting people, resources, and equipment. Linked through shared data we work as a team, and are more effective in delivering quality patient care, as well as more proactive and faster to respond to changing trends in outcomes. With easier access to relational data we can think more strategically in organizing our systems, creating greater efficiencies among groups and in managing our costs. It transcends information technology to influence operations and cultural change.”

“LUMEDX is honored to support University of Colorado’s innovative use of information technology to elevate patient care, enhance the productivity of physicians and staff, reduce costs and improve revenue,” says LUMEDX Vice President of Strategic Services Chris Winquist. Through the LUMEDX CardioStar suite of information solutions and customization services, we’re partnering with the University of Colorado to help consolidate and integrate data across cardiology, interventional radiology, and the enterprise to take the University of Colorado’s heart program to the next level of performance and productivity. LUMEDX has been developing, implementing, and supporting proven CVIS solutions for over 15 years. It is critical that hospitals have compressive business solutions to help them address many of today’s challenges and opportunities, including pay-for-performance, gains-sharing, evidence-based medicine, greater competition and transparency in the marketplace, and new governmental controls.”

## **ABOUT LUMEDX**

About LUMEDX: With over 500 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. Our CVIS play a critical role in helping hospitals meet many of today’s challenges and opportunities, including pay-for-performance, gains-sharing, evidence-based medicine, greater competition and transparency in the marketplace, and new governmental controls. Cardiovascular information systems streamline both procedure and aggregate reporting, as well as help automate manual, redundant, and paper-intensive tasks and act as the necessary bridge between clinical practice, outcomes documentation, best practice integration and quality assurance. It is 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 UNIVERSITY OF COLORADO HOSPITAL**

University of Colorado Hospital is the Rocky Mountain region's leading academic tertiary care and referral center, and has been recognized as one of the United States’ best hospitals, according to U.S. News & World Report. Located in Denver and Aurora, Colo., the hospital is part of the University of Colorado at Denver and Health Sciences Center, in the University of Colorado system. For more information, visit the Web site at [www.uch.edu](http://www.uch.edu) or the UCDHSC Newsroom at <http://www.uchsc.edu/news/inthenews/>.