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FOR IMMEDIATE RELEASE

## LUMEDX Rolls Out Comprehensive Cardiovascular Information System at Major Academic Medical Center

*Structured reporting, analytics and automated data acquisition cited as key to best-practice CV management*

**OAKLAND, Calif.** – Sept. 18, 2018 — LUMEDX Corporation, a provider of wholly integrated cardiovascular data intelligence and imaging solutions, announced today that it is working with Duke Health to implement a comprehensive cardiovascular information system (CVIS) for Duke's non-invasive cardiac labs. The implementation marks the third phase of a larger Duke-LUMEDX CVIS project, which has already been deployed in invasive cardiac and vascular areas.

Duke Heart has prioritized structured reporting, point-of-care data acquisition and embedded analytics, which the organization believes is critical to successful cardiovascular data management.

"Structured reporting enables the acquisition of data at every point of the care continuum," said Dr. James Tcheng, practicing interventional cardiologist at Duke, professor of medicine and co-chair of the ACC Clinical Quality Committee that authored the ACC/AHA/SCAI 2014 Health Policy Statement on Structured Reporting for the Cardiac Catheterization Laboratory. "This improves data quality, clinical communication and operational efficiency. It also fits into the 'collect once, use many times' paradigm that is essential in the move towards value-based care."

Phase 1 of the Duke-LUMEDX project began in 2014 when Duke installed LUMEDX registry software for the American College of Cardiology National Cardiovascular Data Registry® and the Society of Thoracic Surgeons Database. Phase 2 began in 2016 after Duke replaced its internally developed cardiovascular data repository and surgery applications with a customized version of the LUMEDX system.

"Duke has a long tradition of data collection. We came into this project with a bit of maturity, having built something ourselves first," said Joe Kelly, Duke Heart's Administrative Director of Cardiovascular Informatics and Quality Improvement.

Phase 2 focused on the implementation of structured reporting and related applications for invasive cardiology workflows, starting with the cardiac catheterization lab. Solutions for surgery, electrophysiology and invasive peripheral vascular (PVI) followed. Phase 3—deployment of workflow and analytics software in noninvasive departments, including echocardiography, diagnostic peripheral vascular (PVD), pediatric and fetal echocardiography—is under way.

"The ability to customize software to our specific needs is important in helping us fulfill our mission to provide good healthcare more efficiently," Tcheng said.

"LUMEDX is honored to be working closely with Duke to create workflow solutions with embedded analytics that are in line with clinical best practices," said LUMEDX President and COO Chris Winquist. "Further, Duke's vision has inspired us and improved LUMEDX's ability to deliver better software to all of our customers."

LUMEDX applications deployed at Duke include:

- CardioPACS
- Invasive and Noninvasive Structured Reporting in Adult and Pediatrics
- CT Surgery and Invasive Clinical Documentation
- Epic, Clinical and Data Warehouse Integration
- Clinical and Financial Analytics
- Risk Scores for Invasive, CT Surgery and EP
- Registries

**About LUMEDX Corporation:** LUMEDX is the market leader in cardiovascular data intelligence and a pioneer in CV workflow solutions. A comprehensive suite of software and services enables meaningful analytics, high-performance workflows, optimal integration of clinical and HIS data, and improved continuity of care. LUMEDX develops all its solutions with the firm belief that the delivery and management of healthcare is best served by a community of providers linked—and empowered—by technology. For more information on LUMEDX HealthView solutions, please visit [www.lumedx.com](http://www.lumedx.com) or email [info@lumedx.com](mailto:info@lumedx.com).