

# Registries



LUMEDX is the No. 1 provider of cardiovascular registry software, helping hospitals provide the best in patient care for 25-plus years.

- Streamline workflows with fully interoperable and customizable software that ingests data from multiple sources.
- Increase the quality of your data, and generate granular and actionable insights.
- Improve your service line across the board—clinically, operationally, and financially.



In the high-volume and high-cost world of cardiology, LUMEDX knows that there is a lot at stake. Patients are demanding more from healthcare, which means hospitals must demand more from their technology solutions. We understand, and we're ready to face this challenge head-on.

Cardiovascular registries play a vital part in a heart center's success. As quality improvement, pay-for-performance, and value-based purchasing initiatives become more common, it is critical that CV service line leaders discover the most economical and expedient ways to participate.

## LUMEDX Solutions: Trusted and Proven

Our software streamlines the data collection and submission process, which is time-consuming and sometimes flawed. LUMEDX software integrates with imported data from multiple sources to prevent redundancy and reduce the kind of errors that result from manual data entry. But that's not all. A customizable dashboard provides the actionable insights necessary to make changes at the clinical, operational, and financial levels.

Our customers benefit from the expertise we have gained by working with partners for more than 25 years to find the very best technological solutions to the problems all hospitals face. We want to help you put the focus back where it belongs—on the patient.

### LUMEDX REGISTRY SOLUTION BENEFITS

As the No. 1 independent provider of Society of Thoracic Surgeons (STS) and American College of Cardiology National Cardiovascular Data Registry (ACC NCDR) software, we know a thing or two about collecting and exporting data.

With our solutions, you will benefit from:

- Integration with your existing EMR software and a long list of other data sources and medical devices, including hemodynamics.
- More than 150 interfaces so you can connect with your existing clinical systems.
- Quality initiative (QI) tools that help you measure how your business is doing and identify ways to improve efficiency and patient care and business operations.
- A SaaS model that eliminates the need for large capital outlays or IT costs. You can manage the solution onsite or via subscription (pay as you go).
- A wide range of registry products and CVIS solutions especially designed for pediatric heart centers.
- Support for the American Heart Association, and multiple state and international registries.

## **Analytics: Use Data to Improve Outcomes, Reduce Costs**

When you invest in LUMEDX registry solutions, you get more than a way to collect and submit data—you are empowered with the tools and knowledge to help your hospital continually improve patient safety and quality of care.

HealthView Analytics (HVA) is a business intelligence platform that helps you monitor and measure your

service line's performance in near-real time. Individual content packs, each designed to measure a different area of your service line, provide granular insights into how you can increase efficiencies and quality of care—as well as understand how your hospital is performing financially. Timely access to reports allows you to see today what happened yesterday, so you can respond quickly to positive and negative trends.

## **Our Next-Generation Registry Platform: Automated Data Abstraction**

Because poor quality data can have far-reaching effects, LUMEDX introduced automated data abstraction for registries in 2020.

Abstraction has historically been an inefficient way to manage retrospective data. Automating the identification of data from your EMR, along with validation and consistency checks, gives you greater confidence in your data, and reduces the abstraction burden. Less manual work for abstractors means more value for your organization.

Evidence-based medicine that tracks outcomes and patient-safety standards calls for registry software solutions that capture and export data in a streamlined way. But that's no longer enough.

With the technology landscape changing at a more rapid pace than ever before, hospitals are looking to software systems that can meet their immediate challenges—and hold the promise of long-term solutions that will permanently alter the way we all deliver healthcare.

### **SUPPORT SERVICES: FROM IMPLEMENTATION TO HARVEST**

LUMEDX provides end-to-end implementation services that include project management, software installation and validation, and go-live support. We also offer monthly User Group calls and periodic training to ensure that you're getting the most from your software.

We'll show your staff what to look for when validating and cleaning data—and how to manage your facility's data efficiently. Learn proven techniques to help you:

- Collect clean, relevant data.
- Improve data accuracy.
- Achieve an error-free data harvest.
- Understand Data Quality Reports (DQRs).
- Streamline your registry workflow.
- Develop meaningful quality initiatives.
- Improve processes to bring performances in line with national standards.
- Institute best practices in data validation.

# Registries & Accreditation

LUMEDX's ever-growing list of registry products includes:

## ACC NCDR® Registries

- Chest Pain - MI Registry™
- AFib Ablation Registry™
- CathPCI Registry®
- ICD Registry™
- IMPACT Registry™
- PVI Registry®

## STS Registries

- STS Adult Cardiac Surgery
- STS Congenital Heart Surgery
- STS General Thoracic Surgery

## State Registries

- California CABG Outcomes Reporting Program (CCORP)
- Connecticut Open Heart
- Massachusetts PCI
- Massachusetts Surgery
- New Jersey Cath
- New Jersey Surgery
- New York Congenital Surgery
- New York PCI
- New York Surgery
- Northern New England PCI (NNE PCI)

## Accreditation Tools & Other Registries

- Intersocietal Accreditation Commission (IAC) Echocardiography
- Intersocietal Accreditation Commission (IAC) Vascular Testing
- Intersocietal Accreditation Commission (IAC) Nuclear/PET
- Get With The Guidelines Coronary Artery Disease (GWTG-CAD)

## Pediatric Registries

- Pediatric Cardiac Critical Care Consortium (PC4)
- Pediatric Acute Care Cardiology Collaborative (PAC3)
- Congenital Cardiac Catheterization Project on Outcomes (C3PO)

## International Registries

- Australian & New Zealand Society of Cardiac & Thoracic Surgeons (ANZSCTS) Cardiac Surgery
- European Association for Cardio-Thoracic Surgery (EACTS) Congenital Surgery



LUMEDX, an Inteleraad company, is the market leader in cardiovascular data intelligence and cardiovascular information systems (CVIS). Pioneers in cloud-powered healthcare analytics, our comprehensive suite of software and services enables high-performance workflows, optimal integration of clinical and EHR data, improved continuity of care, and reduced costs. We develop all our 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 about LUMEDX and HealthView Analytics, contact [sales@intelerad.com](mailto:sales@intelerad.com).