

HealthView Analytics

Cardiothoracic Surgery Performance Program



LUMEDX Clinical Data Intelligence

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Value-Based Care Requires True Clinical Intelligence

The healthcare industry is under tremendous pressure to perform both clinically and financially. Meeting key performance metrics and providing top-quality care are of paramount importance as the industry shifts from pay-for-service to pay-for-performance reimbursement models. In this environment, providers and hospital executives need more than volumes of data; they need clinical data intelligence: actionable, relevant information at their fingertips, so they can improve clinical outcomes and patient satisfaction while lowering cost of care.

The LUMEDX Cardiothoracic Surgery Performance Program

LUMEDX's Cardiothoracic Surgery Performance Program (CTSP) is the answer. The CTSP delivers technological innovation and targeted performance improvement consulting to facilitate a smooth transition to value-based payments.

The CTSP gives you immediate access to the clinical and operational information you require for success in today's changing healthcare environment: registry, outcomes and risk data; operational data; physician scorecards; and more.

With meaningful analytics and focused performance-improvement consultation services, the CTSP makes it possible to boost clinical, operational and financial performance for your heart and vascular service line.

Reduce Costs, Increase Revenue Contribution—and Improve Patient Care

With the CT Surgery Performance Program, you can use the data you are already collecting for other purposes to reduce costs as you simultaneously improve quality and patient satisfaction. For example, CV service lines that fall below the national average for avoidable complication rates could save \$100,000 yearly just by meeting the national average. Those that reach the highest quartile could see a yearly savings of \$1 million or more. And these cost savings result from improving patient care.

A comprehensive solution to improve performance and cost savings for years to come

When fully implemented, your CT Surgery Performance Program will leave you with the tools to maintain your success, including focusing on additional complications, and other opportunities for clinical improvement. With our ongoing support, you will be able to continuously control clinical outcome variations, measure cost savings, and track your progress toward your goals.



Minimize prolonged vent times by tracking, managing and reducing variations

Advanced Analytics and an Integrated Approach

The CTSPPP draws on the latest analytics technology to facilitate best practices and cost containment, as well as the agility to adapt in a rapidly changing environment. Using LUMEDX's innovative cloud-based HealthView Analytics package, including comprehensive interfacing and a wide assortment of focal-point content packs, the CTSPPP will:

- Identify ways to improve operations by tracking turnover times in the operating room.
- Track, manage and reduce variation in post-operative ventilation times to improve clinical outcomes.
- Uncover transfusion risk prospectively, variations in blood utilization, reduce avoidable costs, and decrease waste.
- Aggregate and mine data from your PACS, EMR, CVIS and other systems to find patients with aortic stenosis and mitral regurgitation who may benefit from more intensive follow-up.
- Track variation in outcomes between CT surgeons within your own hospital as well as nationally.
- Obtain near real-time feedback on failed measures to favorably boost performance and standing of your CT surgery program.

How It Works: A Detailed Process Sets You Up for Success

The CTSPPP begins with an analysis of your facility's cardiothoracic surgery service line performance.

We then:

- Conduct an on-site evaluation of targeted clinical processes and workflows.
- Generate a CT Surgery Performance Program Action Plan that recommends specific steps to improve physician performance and reduce costs.
- Recommend actions to continuously track progress toward your goals.

Once implemented, the CTSPPP will leave you with the tools you need to maintain your success. It's a comprehensive solution that can improve both your clinical and your financial performance for years to come.

To learn more, contact the CT Surgery Performance Program team at info@lumedx.com or call 800-966-0699.