

What's new in Analytics.

It All Starts Here!

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WHAT IS BIG DATA?

Big data, High – Volume, High - Velocity and / or High - Variety Information assets that require new forms of processing to enable enhanced decision making, insite discovery and process optimization.

10 % of data is structured 90 % unstructured.

Big data is getting BIGGER. 2.2 million terabytes of new data created everyday.

Why?

Companies that use Analytics best are...

2X More likely to have top quartile financial performance.

2X More likely to use data very frequently when making decisions.

3X more likely to execute decisions as intended.

5X More likely to make decisions “Much faster than competition”.

According to
Gartner (2001)

DATA DETECTIVE



Outcomes include more than just the quality of care.

- Today's healthcare facilities are being challenged by financial, quality of care and best practice outcomes.
 - All of these outcomes are interrelated, and programs are challenged to balance prioritizations.
- And to match or exceed their peers performance.

10 of the top sources of quality underperformance, unnecessary costs, and missed revenue:

Quality Outcomes worse than expected rates

Reduce avoidable complications and mortality (to at or better than risk adjusted benchmark)

1. Reduce bleeding complications
2. Reduce prolonged ventilation
3. Reduce post-procedure kidney injury
4. Reduce avoidable readmissions

Unsustainable Cost Structure (or that exceeds Medicare reimbursement)

Reduce direct (patient care related) costs

1. Optimize length of stay
2. Optimize medication expenses
3. Optimize human resources investments
4. Optimize supply costs

Underperformance on value measures

1. Reduce total cost of care – manage across continuum
2. Improve efficiency across high impact processes

Cardiovascular Performance Program (CPP)

- An Analytics Solution that supports best practices and cost containment
- Lumedx can provide you with a no charge analysis of your program's clinical and financial performance, benchmarked to your peers.
- Identify opportunities to reduce the associated costs of targeted complications, such as PCI bleeding risk, kidney injury, and heart failure readmissions
- Analysis of your program's clinical and financial performance, benchmarked to your peers.
- With our ongoing support, you will be able to continuously control clinical outcome variations, measure cost savings, and track your progress going forward

Healthview

Healthview CDW is an integration platform interfacing with diagnostic modalities, departmental systems, and enterprise solutions such as EMR's, lab systems, and pharmacy systems to capture and store patient data.

Healthview Risk Engine stores multiple scientific risk algorithms and calculates the patient's risk into low/medium/high risk.

Healthview Perform is the visualization service that extracts the patient's risk and physician performance to present a personalized score for the patient to the clinician

DEMO

Review of new released and unreleased products.

Cath - Cost Per Case
Cath – CPT/Device Audit
Contrast Use Dashboard
Radial Access Dashboard
Cardiac Rehab
Complication Reduction
Labor Management
Readmissions – All Cause
AMI Dashboard
Service line Dashboard
RVU – Provider Management
Registry
ACC AUC Dashboard
ACC PCI Overview
Workflow
Echo Dashboard

Demo HealthView Thoracic