

Interventional Cardiology Insights



Introduction

Your Interventional Cardiology Labs are a clinically demanding space with complex workflows across several different care areas. Centricity™ Cardio Workflow aims to help simplify these workflows by offering a comprehensive collection of tools for all data and information management in the cardiovascular department. It helps facilitate registry workflow, streamlines inventory management, automates billing, simplifies the physician reporting experience and runs clinical/administrative reports. These tools are designed to help you standardize workflow and physician reporting across an enterprise but also help you automate manual and redundant administrative processes.

Improve on what you're already doing

Interventional Cardiology Insights is a powerful, easy to use analytics solution that connects directly to Centricity™ Cardio Workflow data to provide rich, key actionable insights to help Cardiovascular Service Line Directors and Interventional Cardiology Managers manage complexity in operations and inventory management within interventional cardiology care areas.

The Interventional Cardiology Insights application provides a comprehensive set of interactive dashboards to drive clinical, operational and financial outcomes improvement. These dashboards, all accessed through any web browser any time, anywhere can help to enhance organizational decision making, whether in the department or at an enterprise level.

Enterprise Challenges

- High inventory loss rates with manual inventory management practices
- Lack of operational insight into departmental efficiency and throughput
- Variability with inventory usage per physician and lack of visibility into expiring inventory

Outcomes Achieved

- Help increase revenue with better insight into day-to-day inventory management practices including expiring inventory, physician cost per case and inventory on hand
- Help optimize invasive cardiology operations by monitoring case volumes and case workflow times
- Help decrease inventory overhead by providing insights in inventory usage to help stock only what is necessary

Optimize on an ongoing basis

The Interventional Cardiology Insights applications also includes dashboards that cardiovascular service line directors and interventional cardiology managers can leverage as part of their daily, weekly, or monthly routine. These dashboards can help your department regularly ensure you prioritize usage of inventory that is near expiration to eliminate waste, identify trends in low supply usage to reduce inventory overhead costs, monitor adverse events to help improve care and identify data outliers to continuously improve quality data capture.

Dashboards

Executive Summary

- Presents a high-level month over month view of key clinical, operational and financial trends in the interventional cardiology labs

Service Line Volume

- Provides insight into service line volumes data such as case type & patient class, as well as top 10 procedures and physicians

Case Workflow

- Identifies delays at specific workflow steps and provides an opportunity to increase resource utilization along with departmental efficiency



Expiring Materials

- Provides ongoing visibility to supply expiration data to help prioritize expiring material and limit material waste

Low Material Usage

- Optimize material usage by identifying vendor and physicians' trends with regards to low material usage which helps optimize supply stocking

Material Cost Standardization

- Summary of material management practices that highlights both usage, preference and cost by vendor as well as missed opportunities for savings

Provider Cost Standardization

- Identifies physician cost per case as well as average physician cost per case to help benchmark physician usage and identify opportunity for savings

Door to Intervention Time

- Provides insight into door to intervention time with the ability to drill down into case details

Data Quality

- Identifies operational, financial & quality data outliers with drill down capabilities to help improve data quality capture

Edison Applications

Interventional Cardiology Insights is part of Edison, GE Healthcare's intelligence offering comprised of applications and smart devices. Edison enables GE Healthcare to integrate and assimilate data from disparate sources, apply advanced analytics and AI to transform the data, and generate insights to support clinical, financial and operational decision-making. Edison includes deployment-agnostic intelligent applications and smart devices, designed to help achieve greater efficiency, increase access to care, and improve patient outcomes.

Key Benefits

- Expose department inefficiencies to help drive improved inventory management practices and resource utilization
- Provide insight into operations to help manage expiring inventory on a day-to-day basis
- Leverage trends in supply usage to help stock more efficiently to keep overhead costs down

We can help

We've already invested in the expertise needed to help you achieve your efficiency, performance and patient care goals. Now let us help you get there!

