Actionable Intelligence.

Empowering Quality Improvement with Real-Time Insights and Achieving Real-Time Savings

The Challenge

A healthcare organization faced inefficiencies in its quality improvement processes, particularly in generating timely and actionable insights from its clinical data. Creating custom reports to identify areas for improvement was a time-consuming endeavor, consuming an estimated 13-16 hours of staff time each quarter. This delay hindered the organization's ability to quickly detect critical issues and implement timely interventions. Furthermore, the lack of near real-time data made it challenging to promptly identify patients missing prescribed medications at discharge, a crucial factor in patient safety and readmission rates.

The Solution

To overcome these limitations, the healthcare organization partnered with Carta Healthcare. Carta Healthcare's platform and services provided a solution focused on:

Rapid Custom Report Generation: Carta Healthcare's technology enabled the swift creation of custom reports tailored to the organization's specific quality improvement needs. This significantly reduced the manual effort and time previously required for report generation.

Near Real-Time Data Access: The implementation of Carta Healthcare's platform provided the organization with access to near real-time clinical data. This immediate availability of information allowed for the prompt detection of critical patient-related issues.

The Impact:

Igniting Quality With Timely Data

The collaboration with Carta Healthcare delivered significant benefits to the healthcare organization's quality improvement efforts and operational efficiency:

Accelerated Insights for Improvement: Custom reports could be generated quickly, providing valuable and timely insights into areas requiring attention and improvement. This facilitated faster identification of trends and opportunities for intervention.

Significant Time Savings: The automation of report creation through Carta Healthcare saved the organization an estimated 13-16 hours of staff time each quarter. This freed up valuable resources that could be redirected to other critical quality improvement activities and patient care initiatives.

Enhanced Patient Safety: Access to near real-time data enabled the quick detection of patients missing prescribed medications at discharge. This allowed for timely intervention, potentially preventing adverse events and reducing readmission rates, ultimately improving patient safety.

Proactive Issue Identification: The ability to analyze near real-time data empowered the organization to proactively identify potential issues and implement preventative measures before they escalated.

Data-Driven Decision Making: The availability of timely and relevant data supported more informed and data-driven decision-making in the organization's quality improvement initiatives.

The Conclusion

This case study demonstrates the transformative power of Carta Healthcare in enabling healthcare organizations to move from time-consuming, reactive data analysis to a proactive, near real-time approach to quality improvement. **By providing the tools for rapid report generation and immediate data access, Carta Healthcare empowered this organization to gain valuable insights faster, save significant staff time, and enhance patient safety through the timely detection of critical care gaps.** This highlights the crucial role of efficient data access and analysis in driving meaningful and impactful quality improvement within healthcare systems.