Distilling Big Data into Actionable Insights for Cancer Leadership

ACE Annual Meeting
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Mount Sinai
Cancer

Agenda

1. Mount Sinai Background

2. Data Needs and Reporting Structures

3. Dashboards for Operations and Monitoring Quality

4. Lessons Learned & Best Practices

~2,500 full time faculty physicians

Over 1,000 voluntary physicians

8 hospitals spanning Manhattan, Brooklyn, Queens, and Long Island

Geographic access and coverage across the five boroughs, Long Island, Westchester and Florida

12 ambulatory surgical centers

Mount Sinai

Over 300 community locations

Committed to a vision of transforming health care in New York towards value-based care and population health

More than 110 full-time faculty physicians

155 dedicated oncology beds

8 hospital-based infusion centers

4 Ambulatory Radiation Oncology Sites

125 ambulatory exam rooms

Mount Sinai *Cancer*

126 infusion chairs

10 Cancer Network Practice Sites

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NCI Designated Cancer Center

Commission on Cancer® ACCREDITED PROGRAM

MAGNET RECOGNIZED

Data Needs & Reporting Structures

Data Needs

Clinical	Quality
Operations	Financial

Data Sources

Source	Use
Epic	Clinical documentation
Cerner	Scheduling
Mosaiq	Radiation oncology EHR
SEC	Lab
EIDX	Billing
Q-Reviews (RateMyHospital)	Patient experience/satisfaction
Press Ganey	Patient experience/satisfaction

Inefficient Data Reporting Structure

Efficient Data Reporting Structure

Operations and Quality Dashboard Goals

Operations Dashboard Goals

To monitor clinic operations on a day-to-day basis and provide data to assist both management and front-line staff with clinic work flows
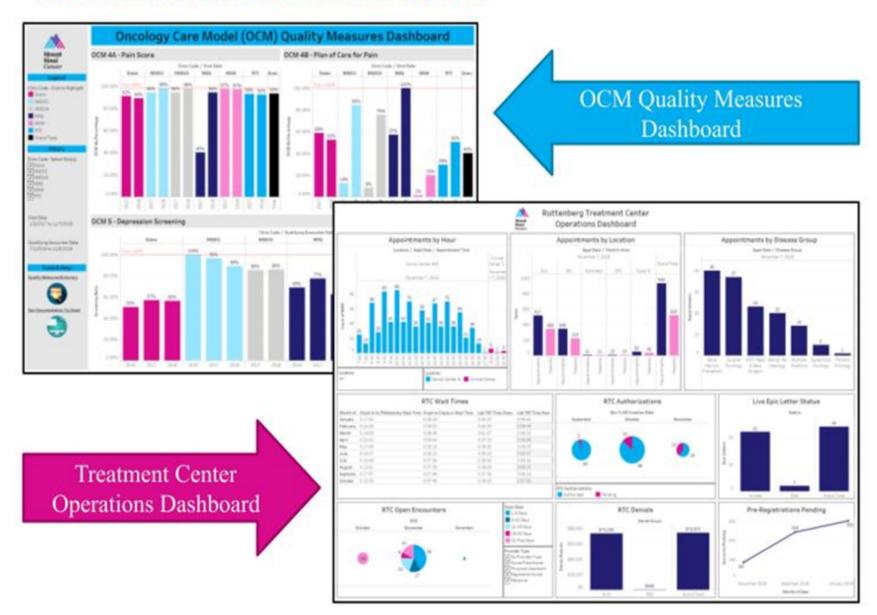
To identify and address inefficiencies in operations

Quality Dashboard Goals

To provide cancer leadership and members of the care team with a self-service tool, allowing them to monitor their performance and implement timely interventions for quality improvement
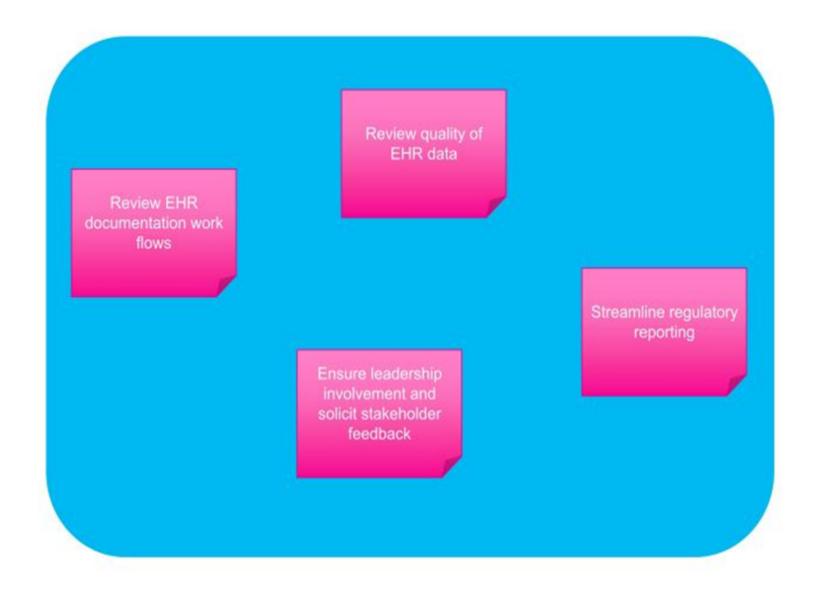
To monitor regulatory quality measures and more easily satisfy reporting requirements
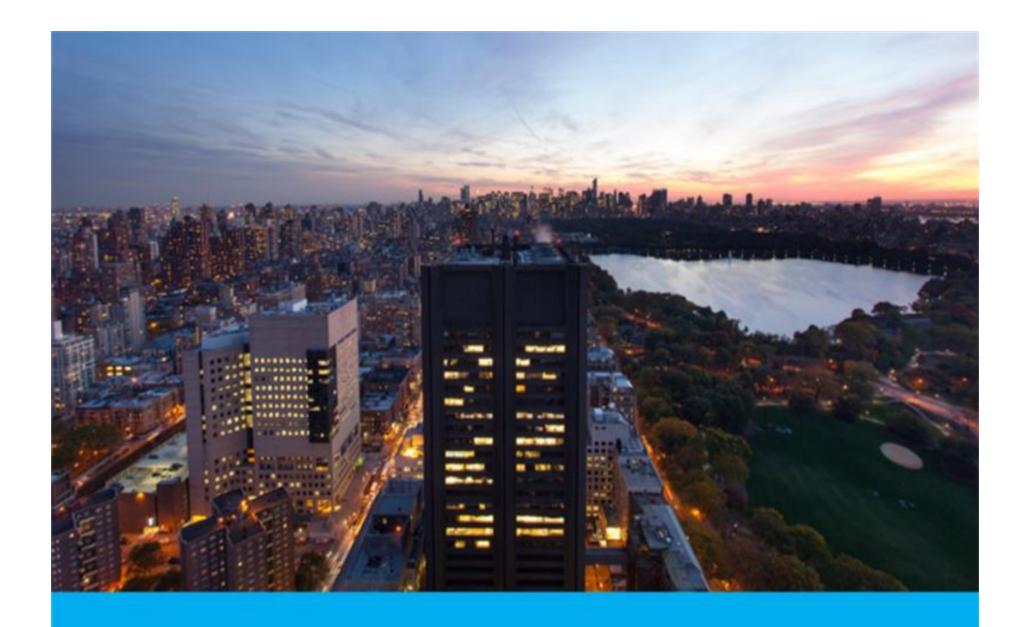
Dashboard Demonstration

OCM Quality Measures Dashboard

Treatment Center Operations Dashboard

Lessons Learned & Best Practices

Building Interactive Quality Dashboards

Thank you!