



More Than Just Abstraction – Partners for Success

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Problem

The benchmark status for Q3 2023 was classified as "yellow" due to a significant number of missing data fields related to pre-TIMI and post-stenosis metrics. This issue primarily arose from insufficient documentation provided by physicians.

Background

In Q3 2023, NAH (Northern Arizona Healthcare) implemented Carta Healthcare as its abstraction partner. Leveraging precise quality abstraction and effective communication, Carta Healthcare identified discrepancies within NAH's EMR that were inconsistent with NCDR-defined standards.

Methods

- Implementing secure shared spreadsheets to efficiently monitor patient data and registry cases.
- Using labeled columns to track critical client related data on spreadsheets.
- Abstractors reviewing spreadsheets daily.
- Inter-rater reliability (IRR) assessments conducted on a minimum of 5% of monthly cases across all form elements, achieving an average accuracy rate exceeding 98%.
- Weekly reports by Carta on progress and missing data.
- Collaborative weekly meetings to discuss reports.
- Submitting data to NCDR weekly while simultaneously reviewing facility dashboard metrics.

Implementation

Through effective collaboration and communication between Carta Healthcare, NAH Quality, and NAH physicians, documentation for pre-TIMI and post-stenosis showed marked improvement. To address any remaining gaps, a signed letter outlining the PCI protocol was implemented, specifically addressing cases of insufficient documentation or commonly used phrases that could be accepted by NCDR.



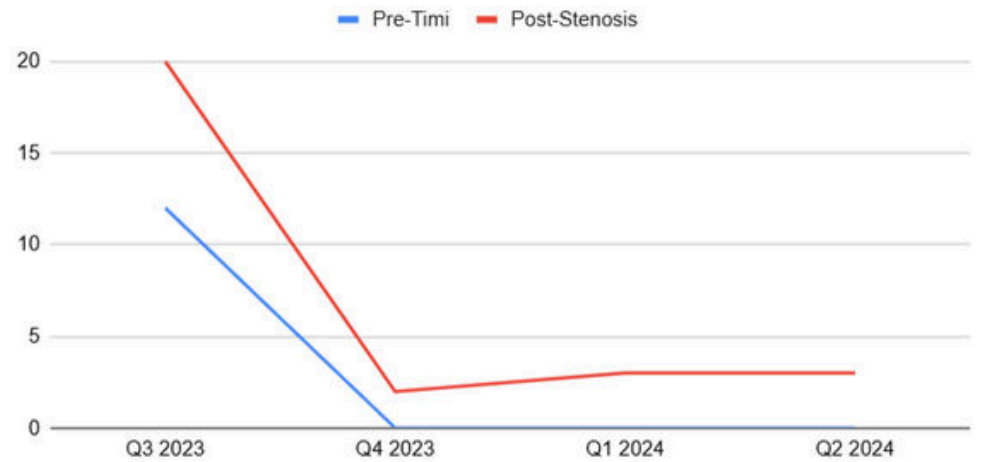
References

National Cardiovascular Data Registry (NCDR) reports dashboard

Results

Displayed below are the DQR missing/failed results for Q3 2023 in comparison to Q2 2024, highlighting the variance in missing documentation for pre-TIMI flow and post-stenosis. Additionally, the benchmark status data covering the period from Q3 2023 through Q2 2024 is presented, demonstrating a green status following implementation.

Pre-Timi and Post-Stenosis



Missing Values comparison from Q3 2023 to Q2 2024

Q	Pre-TIMI Flow	Post-Stenosis	Threshold Met?	DQR Status
Q3 2023	✗ (12 missing out of 72)	✗ (20 missing out of 61)	✗	Yellow
Q4 2023	✓ (0 missing)	✓ (2 missing out of 64)	✓	Green
Q1 2024	✓ (0 missing)	✓ (2 missing out of 80)	✓	Green
Q2 2024	✓ (0 missing)	✓ (3 missing out of 79)	✓	Green