Accuracy Unlocked.

Improved Accuracy and Efficiency in Cath Lab Data

The Challenge

A healthcare organization faced two significant hurdles in its cardiac catheterization (cath lab) data management. First, they had accumulated a backlog of approximately 200 follow-up submissions, hindering timely reporting and analysis. Second, an alarming 80-90% of "Cath Lab Visit Indication" and PCI "Indication" fields were either incomplete or incorrectly selected within their data. This high rate of inaccuracy and incompleteness threatened the integrity of their registry submissions, impacted quality metrics, and obscured a clear understanding of their patient population and procedural outcomes.

The Solution

To address these interconnected challenges, Carta Healthcare implemented a targeted and multi-pronged solution:

Backlog Resolution: Carta Healthcare's expert abstraction team likely dedicated resources to efficiently process and submit the outstanding backlog of approximately 200 follow-up cases, bringing the organization up to date with their reporting requirements.

Physician Education: Recognizing that accurate data capture often begins with clear and consistent documentation, Carta Healthcare directly engaged with the physicians. They provided education on the correct indications for cath lab visits and PCI procedures, emphasizing the importance of accurate selection and complete documentation for these critical fields.

Quick Reference Guides: To reinforce the education and provide readily accessible support, Carta Healthcare created concise quick reference guides specifically for the "Cath Lab Visit Indication" and PCI "Indication" fields. These guides were then shared with the quality team and the physicians, serving as a practical tool to ensure consistent and accurate data entry. Tracking Sheets: The creation of tracking sheets likely provided a mechanism to monitor the completion and accuracy of these key indication fields over time, allowing for ongoing assessment of the effectiveness of the implemented solutions and identification of any persistent areas needing attention.

Powerful Improvements.

Carta Healthcare's focused interventions yielded significant positive impacts on the healthcare organization's cath lab data management:

Eliminated Follow-Up Backlog: The backlog of approximately 200 follow-up submissions was addressed, ensuring timely and complete reporting.

Improved Data Accuracy and Completeness: By educating physicians and providing quick reference guides, the accuracy and completeness of the critical "Cath Lab Visit Indication" and PCI "Indication" fields were significantly improved from the concerning 80-90% error/incomplete rate.

Enhanced Data Integrity: Accurate and complete data in these key fields strengthened the overall integrity and reliability of the organization's cath lab registry data.
Better Quality Reporting: With more accurate indication data, the organization could generate more meaningful and reliable reports for quality improvement initiatives and registry submissions.

Potential for Improved Clinical Decision-Making: A clearer and more accurate understanding of the indications for procedures can contribute to better clinical decision-making and optimized patient care.

In Conclusion

This case study underscores the importance of a multi-faceted approach, combining expert abstraction with targeted physician education and practical tools, to address significant data quality challenges. Carta Healthcare's proactive measures not only cleared a substantial backlog but also tackled the root cause of data inaccuracies, ultimately empowering the healthcare organization with more reliable and valuable cath lab data for quality improvement and patient care.