Improving Ways to Increase Hospital Operating Room First Case On-Time Starts

Will Thornewell, Master of Arts Candidate
Human Dimensions of Organizations, The University of Texas at Austin

Introduction

As a result of the 2010 Affordable Care Act, the United States’ healthcare system has shifted from a fee-for-service system to a value-based system. This shift, paired with declining reimbursement rates has led hospital management teams to turn their focus on cost containment measures, customer satisfaction and quality improvement. One metric that hospital leadership teams are beginning to measure are operating room (OR) first case on-time starts. Beginning a surgical procedure on time is vital for a hospital’s OR to operate at an efficient level.

Findings

- Delayed start times were consistent between January 2017 and August 2018.
- The 7am time slot was the most popular and the most number of delayed cases: More than 2,000 delays in 2017 and more than 1,400 delays through August 2018.
- Impact of delayed starts was measured by intervals:
  - Surgeon and anesthesia delays were the leading cause for delayed on-time starts.
  - Patient and OR operational-issues were also major causes for concern.

Methods

To obtain our data samples:

- We retrospectively extracted surgical first-case data from January 2017 to August 2018 via the OR database.
- Data was that were extracted were scheduled first cases of the day from 6 to 9am per room, Monday to Friday.
- Emergency and Add-On cases were excluded.
- Monthly meetings were held to review and discuss data findings.

Literature Cited


Conclusions

- There are many factors that are contributing to a 37% on-time start rate.
- Physician tardiness was the leading cause for delayed start times.
- Before the issue is addressed to medical staff, first find out why physicians are tardy.
- Difficult situation when addressing physicians as they can take business to competitor.
- We cannot place the entire blame on physicians.
- Patient flow processes need to be further investigated; this may help explain why physicians are tardy.

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Further Information

For further questions and discussions, please feel free to contact me at: wrt318@utexas.edu