

What Should I Wear Today? Achieving Compliance with Surgical Attire Policy

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CLINICAL ISSUE

At Seattle Children's patient safety is our top priority. Children's is committed to eliminating preventable harm. One of five measured hospital acquired infections (HAI) is surgical site infections (SSI). Most surgical wound infections are acquired in the operating room from the patient's own microbial flora. Clean surgical scrubs, surgical gowns and headgear are worn by operative teams to decrease bacterial contamination and lower surgical site infection (SSI) rates.

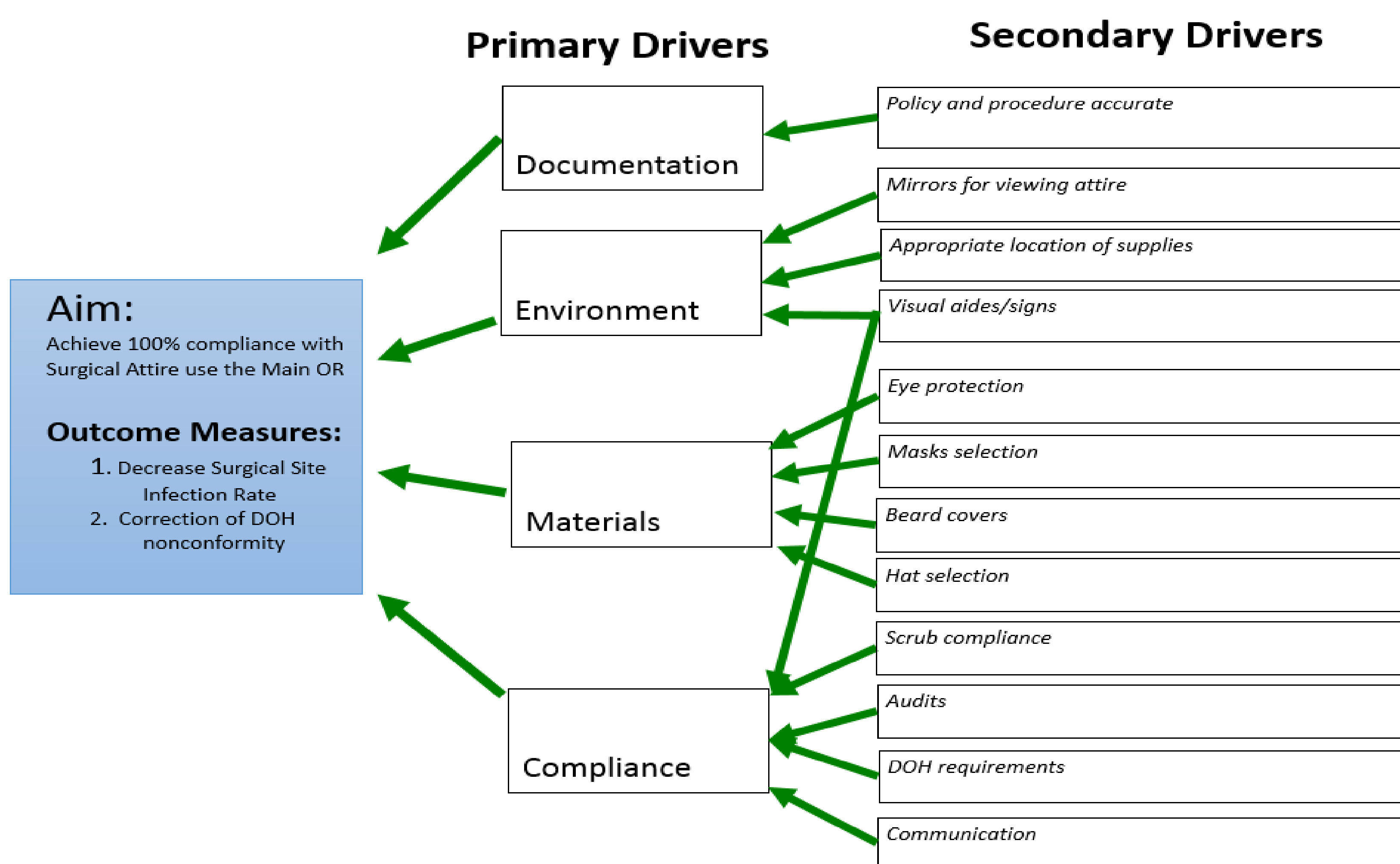
OBJECTIVE

Increase compliance of Perioperative Surgical Attire and PPE policy.

SMART AIM

Achieve 100% compliance with Surgical Attire Policy for 90 consecutive days at Seattle OR.

KEY DRIVER DIAGRAM



INTERVENTIONS

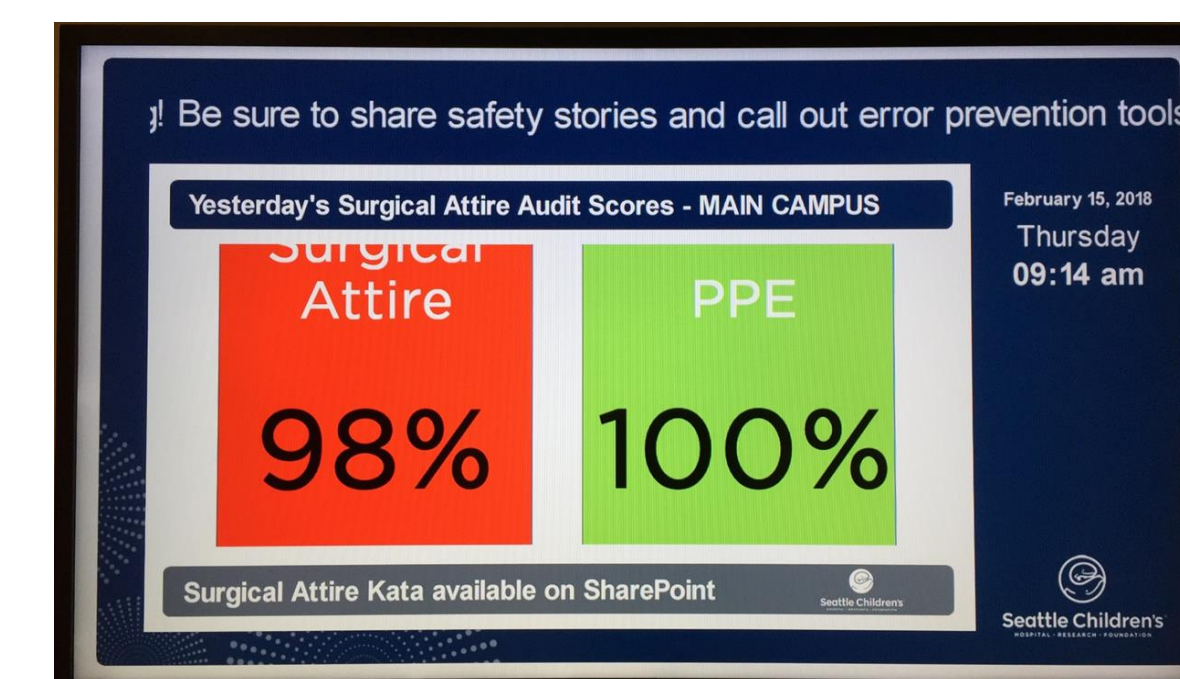
- INTERVENTIONS**
- Create Web based training – PDCA training
 - Place new mirrors
 - Create and display Visual Aides including video
 - Provide more PPE options & increase locations
 - Staff/provider coaching
 - Weekly Leadership Kata

METHODS

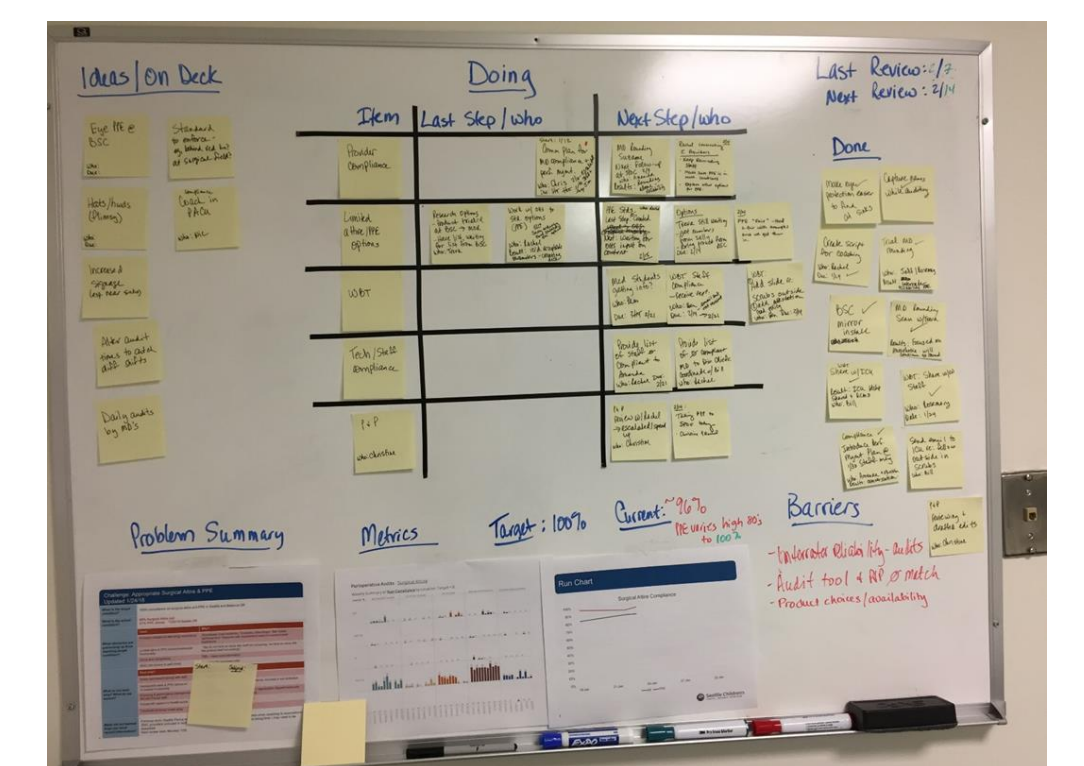
DATA COLLECTION

- DOH finding
- Daily compliance audit
- Occupational health observation
- Leader rounding

Daily Audit Compliance Dashboard

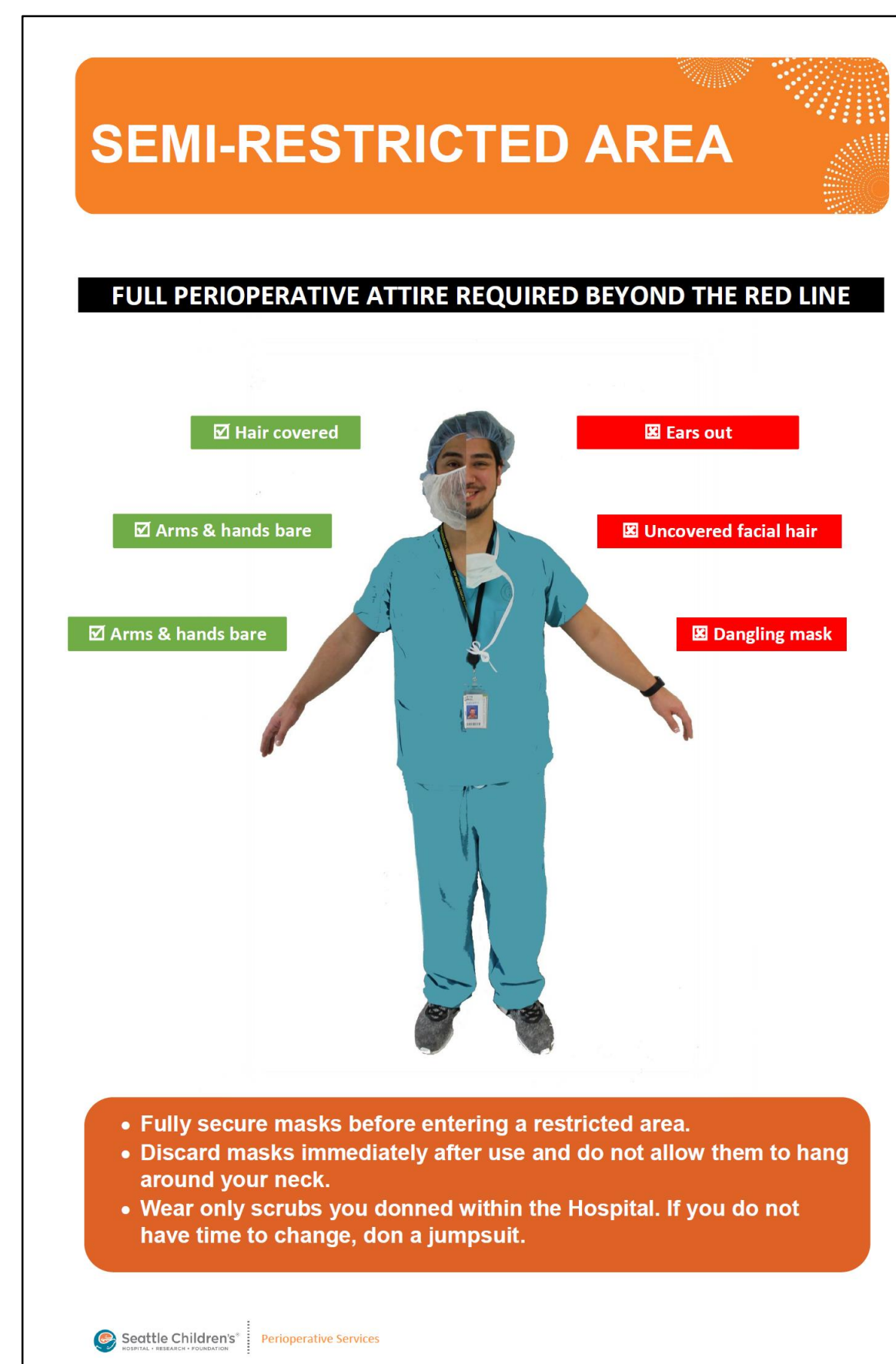
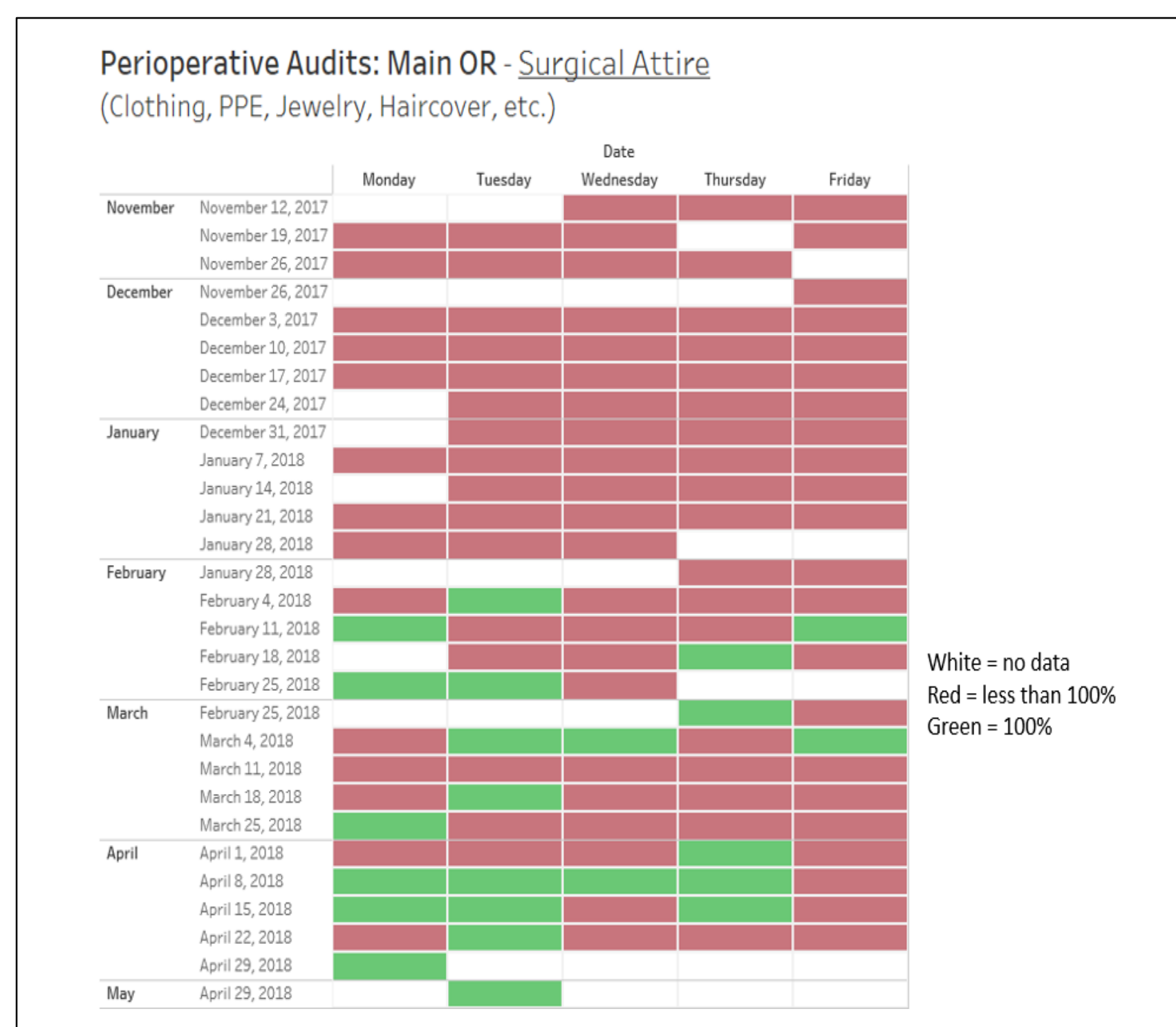


Daily Audit Compliance Dashboard

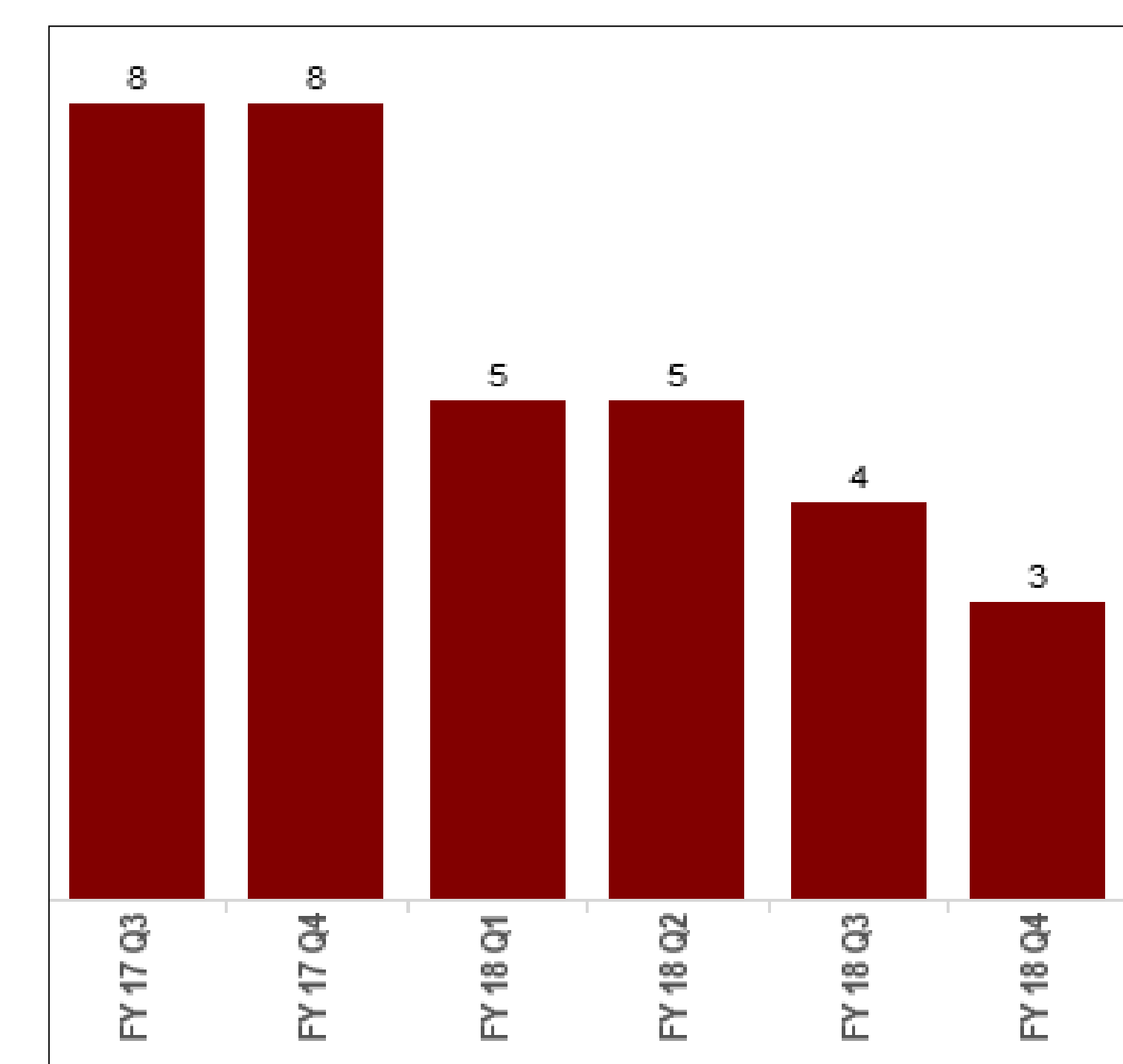


RESULTS

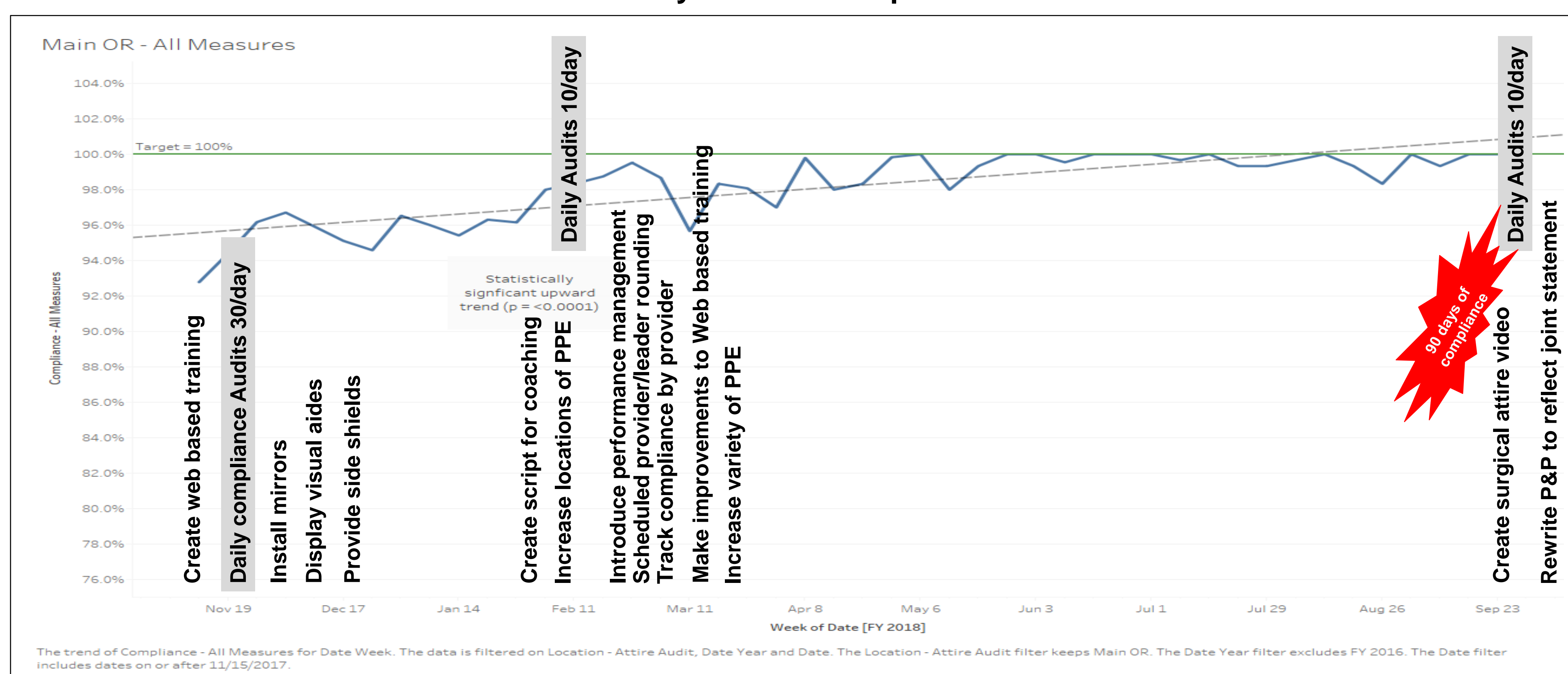
Daily Compliance Calendar



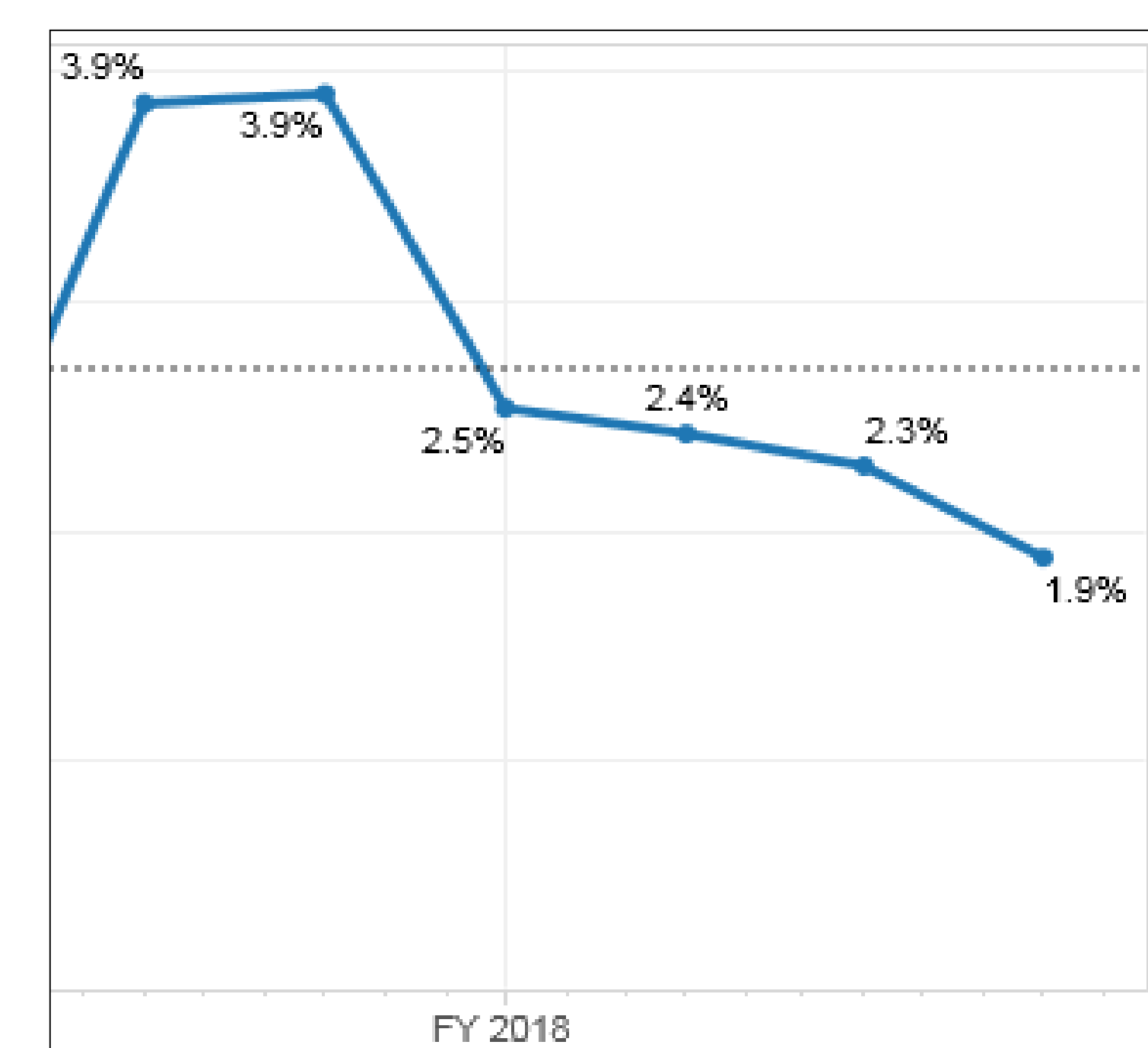
Quarterly All SSI Count



Daily Audit of Compliance



Quarterly All SSI Rate



This dashboard provides an overview of Seattle Children's Surgical Site Infections (SSIs) for the cardiac, colorectal, fusion, and shunt surgeries.

CONCLUSIONS

- Compliance has significantly increased from a low of 92.9% to 100%.
- The number of days at 100% compliance has increased from zero days November through January to 90 consecutive days on September 16th.
- Making improvements is challenging in a complex organization, within a multidisciplinary team, in multi-locations, with a lack of evidence based research. This contributed to the difficulty in achieving compliance.
- SSI rate decreased from 3.9% FY17 to 1.9% FY18



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