



# 2022 Excellence in Quality Award – Over 300 Beds

## OU Health University of Oklahoma Medical Center

### VTE Reduction in an Academic, Level 1 Trauma Center

### Challenges

- In September, 2019, OUMC received a performance ranking equaling the worst outcomes in the nation on the Leapfrog patient safety score for PSI-12: “Dangerous Blood Clot” of 7.34/1,000 surgical patients.
- This lagging performance was also reflected on CMS Hospital Compare.

### Goal

30% reduction in PSI-12 observed/expected ratio across the entire hospital, as measured through the PSI-12 metric from CMS.

### Interventions

- Standardized risk assessments specific to surgical, medical and trauma patients were implemented.
- Order sets were revised to trigger from the appropriate risk assessment.
- Contraindications for prophylaxis updated to include exceptions for patients being dosed via COVID order set.
- Implemented a pharmacy consult process to review patient lab work, anticoagulant order, and make recommendations to prescriber.
- Data analysis conducted to identify outliers, targeting review for intervention consistency.

### Outcomes

- OUMC realized a 40% observed/expected reduction (3.39 to 2.03) from 11/2019 to date.
- Performance has been sustained for 32 months.
- Variation has also been reduced by 24% (UCL 7.28 to 5.51), indicating consistently improved adherence to process controls. The current run rate of 2.03 exceeds our original goal of 2.33.
- Pharmacy VTE patient consults have increased.

### Team Members

