



## Healthcare Organization Commitment

### Contact Details

---

#### Name

Jan Compton

#### Phone

214-265-3622

#### Email

jan.compton@bswhealth.org

#### Position

Chief Patient Safety Officer

#### Organization Name

Baylor Scott & White Health Care System

#### Organization Address

3500 Gaston Avenue

Dallas, 75246

United States

### Commitment Details

---

#### Commitment Name

High Risk Surgery Initiative

#### Participants

Robert A. Probe MD,FAAOS

David J. Ballard, MD, MSPH, PhD, FACP

What Patient Safety Challenge does your Commitment address?

How Many Hospitals Will This Commitment Represent

23

## Commitment Summary

Over a decade ago, the manuscript published in the New England Journal of Medicine, "Hospital volume and surgical mortality in the United States", presented evidence indicating that the complication rate experienced in certain high complexity procedures is increased when performed in hospitals with lower volumes. In this pursuit, the strategic positioning of surgical resources at Baylor Scott and White Health provides us such a prospect.

Birkmeyer, John D., et al. "Hospital volume and surgical mortality in the United States." New England Journal of Medicine 346.15 (2002): 1128-1137.

## Commitment Description & Detail

The Baylor Scott and White Health (BSWH) STEEEP Governance Council chartered a working group to address the performance of elective high risk procedures within our system in response to the evidence published in the New England Journal of Medicine and elsewhere. The Clinical Leadership Council at Baylor Scott and White Health then commissioned a High Risk Procedure Committee comprised of system-wide clinical and administrative leaders to focus on 11 high risk procedures. This committee established sub-committees with content expertise to examine standards and evidence for the eleven high-risk procedures. The evidence-based recommendations for the first three procedures which include mitral valve procedures, esophagectomy and pancreaticoduodenectomy were approved with an implementation date set for March 31, 2017. The sub-committee work on the remaining procedures is moving forward with an expected implementation date of June 30, 2017. The evidence-based recommendations include hospital volumes and required program elements for each procedure.

Complete List of Procedures:

- Mitral Valve
- Esophagectomy
- Pancreaticoduodenectomy
- Bariatric Staple Surgery
- Carotid Artery Stenting
- Complex Abdominal Aortic Aneurysm
- TEVAR
- Hip Replacement
- Knee Replacement
- Lung Resection
- Proctectomy

## Action Plan

All final recommendations are approved through the The Baylor Scott and White Health STEEEP Governance Council. After approval of each procedure, a notification letter is sent to senior leaders and physician providers with recommended hospital volumes and required

program elements. For surgeons wishing to continue to provide these services within the Baylor Scott & White System, we are encouraging application for privileges at one of the hospitals meeting minimum volume requirements.

### Commitment Timeline

This high risk surgery work began in fall of 2015. The expected implementation date is June 30, 2017 which includes the initial 11 procedures. BSWH plans to evaluate other procedures that may benefit from this process. For this reason, we entered a completion date for the initial 11 procedures, but not for the ongoing evaluation of additional procedures.