How Much Blood Is That? The Use of Scorecard Feedback to Improve Measurement of Blood Loss at Delivery

Marilyn Cejka Steinberg

Follow this and additional works at: https://digitalcommons.psjhealth.org/summit_all

Part of the Maternal, Child Health and Neonatal Nursing Commons, and the Quality Improvement Commons
How Much Blood Is That?
The Use of Scorecard Feedback to Improve Measurement of Blood Loss at Delivery

Marilyn Cejka Steinberg, DNP, CNS, RN-BC, NNP-BC, C-EFM

BACKGROUND

- Obstetric hemorrhage is a common cause of maternal morbidity/mortality
- Measurement of quantitative blood loss (QBL) permits prompt recognition of hemorrhage
- Scorecards as feedback have been used to stimulate performance improvement

PROBLEM

QBL

Not practiced consistently

EBL (Estimated Blood Loss)

Most common method of measurement

Underestimation of blood loss

Delay in recognition of hemorrhage

Purpose

Improve practice of QBL measurement by labor and delivery nurses in a community hospital.

METHODS

- Quality improvement project
- Review of records of all delivery patients for 12 weeks (522)

RESULTS

- 470 deliveries with method of measurement of blood loss recorded
- Significant difference between mean QBL volume (482.20 ml) and mean EBL volume (313.15 ml), \( p < 0.001 \)

CONCLUSIONS/DISCUSSION

- Scorecard feedback was associated with improvement in performance
- No increase in transfusions with increasing QBL measurement

FUTURE PROJECTS

Use scorecard feedback to nurses for other measures they influence: rates of cesarean delivery, breastfeeding, catheter-associated urinary tract infections