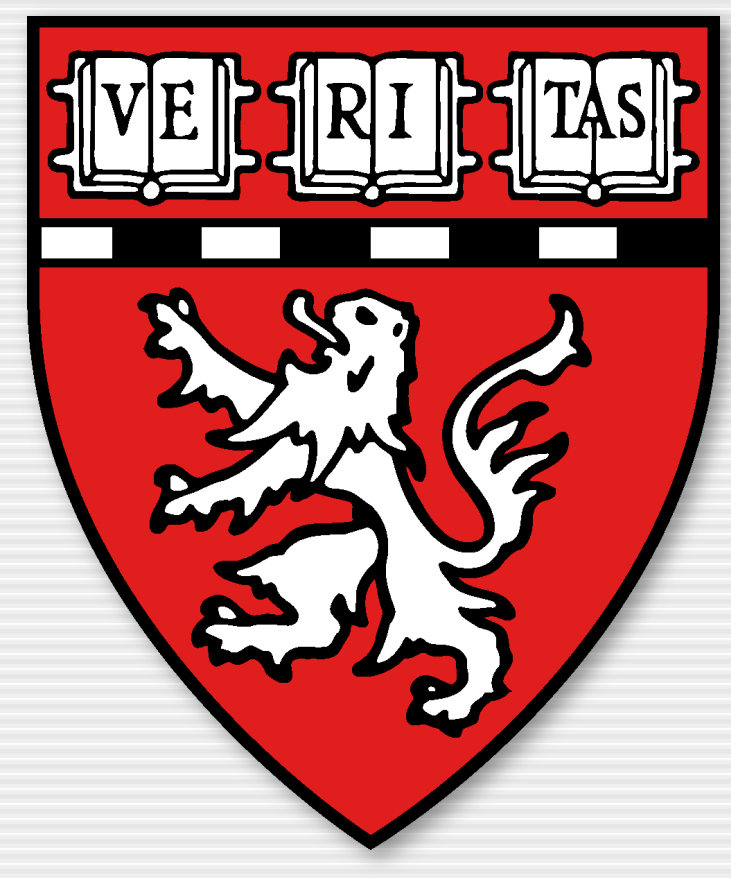




Incorporating a Postpartum Hemorrhage Bundle on the Labor and Delivery Unit: A State-Wide Survey of Anesthesiologists



Kathryn Hackett MD, Arthur Chyan DO, Mario Isaac Lumbreras-Marquez MBBS, MMSc, Michaela Farber MD

Dept of Anesthesiology, Perioperative and Pain Medicine, Brigham and Women's Hospital, Harvard Medical School, Boston, MA

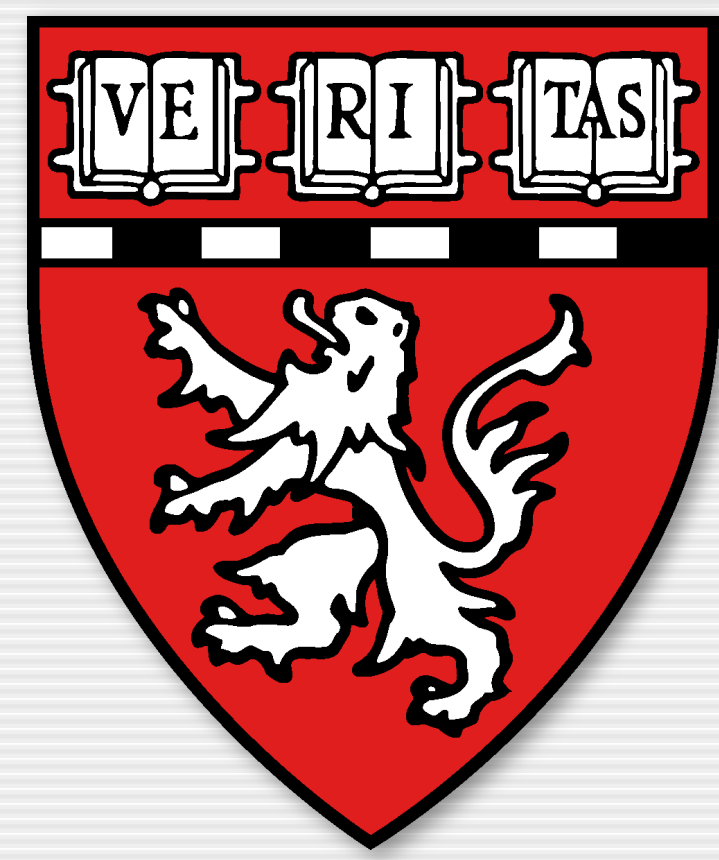
Background:

- The American College of Obstetricians and Gynecologists recommends use of a postpartum hemorrhage (PPH) bundle to facilitate early recognition and timely intervention.
- Obstetric anesthesiologists as peridelivery physicians have a role on the L&D multidisciplinary team to ensure success of bundle implementation. However, anesthesiologist engagement in such initiatives is unknown.

We want to know: How are anesthesiologists involved in PPH bundle implementation in different practice locations across our state?

Methods:

- An anonymous electronic survey was distributed to one representative anesthesiologist from all identifiable birthing centers in Massachusetts.
- Responders self-reported delivery volume and acuity, anesthesia staffing models, and involvement in PPH management.



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READINESS

19 of 20 reported PPH protocols currently in place

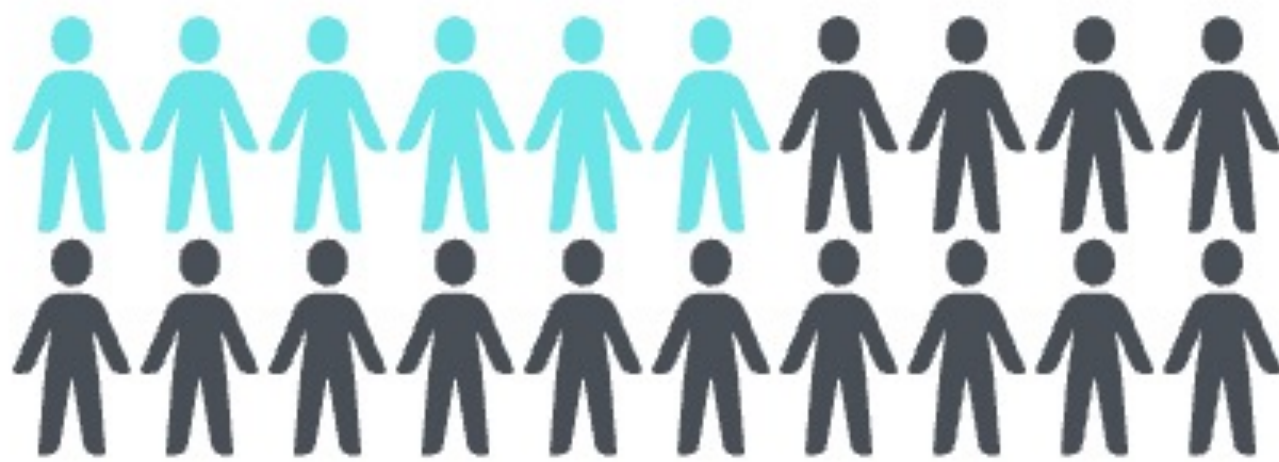


12 of 20 reported regular simulation training or drills on L&D



RESPONSE

6 of 20 reported automated notification of active PPH

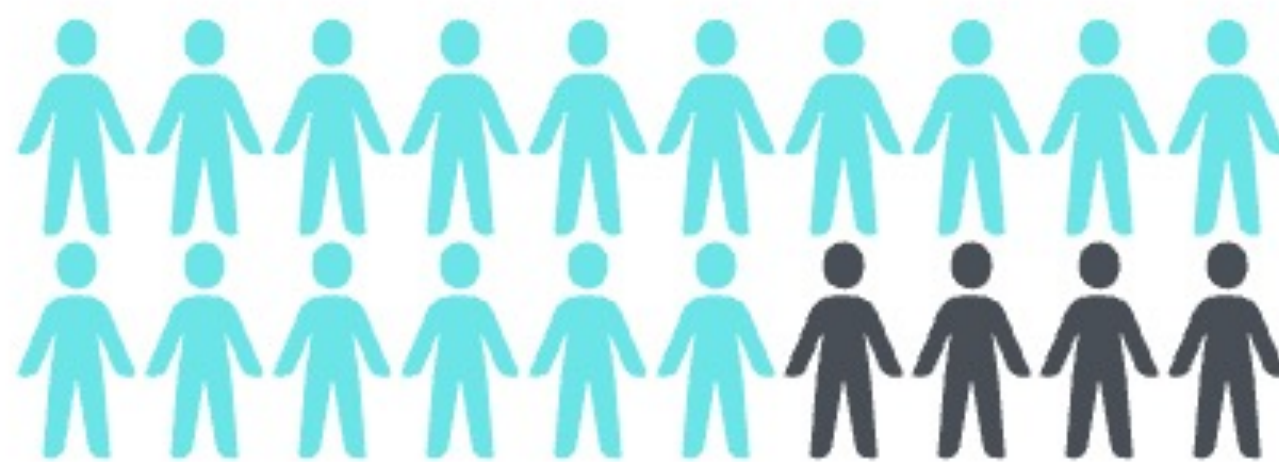


16 of 20 reported presence of a portable hemorrhage cart on L&D



RECOGNITION & PREVENTION

16 of 20 reported notification of high-risk patients prior to delivery



7 of 20 reported a code/rapid response team for PPH that includes anesthesiology



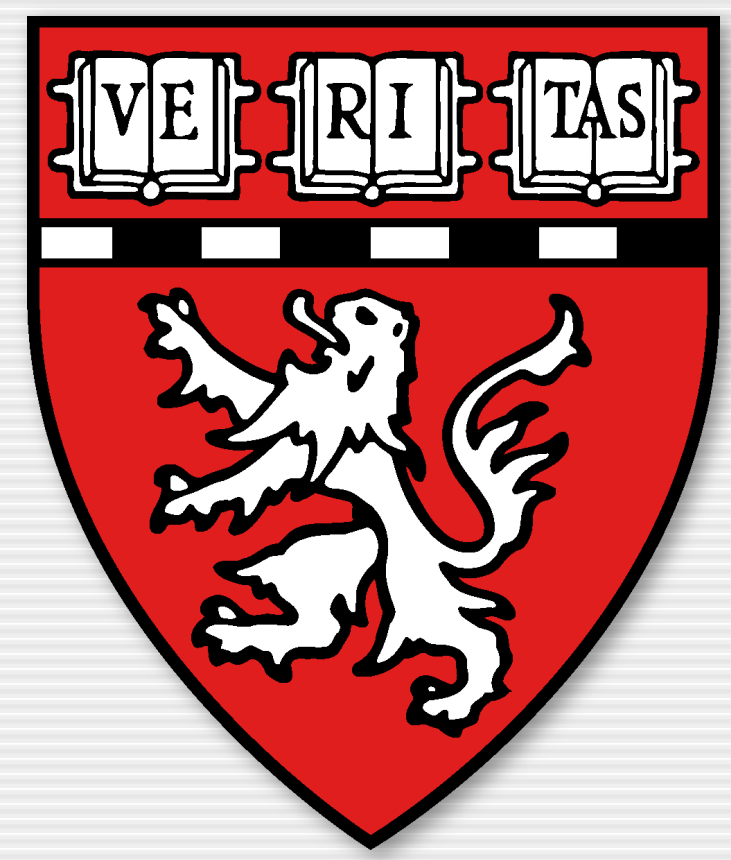
REPORTING/SYSTEMS LEARNING

5 of 25 of reported a database to monitor PPH cases



8 of 20 reported that multidisciplinary reviews "sometimes" happen after PPH





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Takeaways:

Despite increased awareness and focus on implementation of PPH bundles, **anesthesiology involvement still varies widely in labor and delivery units across Massachusetts.**

As experts in critical care and transfusion, **obstetric anesthesiologists play a vital role in PPH resuscitation, and can optimize bundle implementation and use in their role as peridelivery physicians.**

References

1. Obstet Gynecol 2017 Oct; 130(4):e168-86.
2. Semin Perinatol. 2019 Feb; 43(1):35-43.
3. Anesth Analg. 2014 Oct; 119(4): 906-10.