



## United Efforts to Reduce Global Obstetric Hemorrhage



### In the Spotlight

#### **Massive Bleeding Protocols Webinar**

Speakers including Jakob Stensballe, MD, PhD and Stephen Rulisa MD, PhD.

Homa Ahmadzia, MD, MPH served as moderator.

Link [here](#).

#### **Postpartum Hemorrhage Community of Practice Virtual Annual Meeting 2021**

"New initiatives in PPH programming and implementation research and will explore opportunities to close coverage, equity, and quality gaps in PPH prevention and treatment in low-resource settings."

In case you missed it, recordings from the meeting are archived [here](#).

### Overview

- New in Research and Innovation
- Clinical Trials Updates
- Upcoming Conferences

### Announcements

#### Postgraduate Course Update

Our course, "Prevention and Early Treatment of PPH: A Call to Action for Addressing Barriers and Inequities" will be hosted during the SMFM conference on January 31, 2022 in Orlando FL! Details [here](#).

- Event will be recorded and uploaded with no associated cost soon after meeting for LMIC

**Caution:** Drug errors occurring with spinal injection of TXA resulting in death.

- Please refer to this 2019 review [here](#).

## Clinical Trials Update

### MFMU TXA Study (NCT03364491)

- Enrollment completed: approx. 11,000 women
- Anticipate results Spring 2022

### WOMAN-PHARMACO TXA (NCT04274335)

- Enrollment completed: 120 women
- Anticipate results Spring 2022

### WOMAN-2 Trial (NCT03475342)

- 5,631 Women Randomized (site updated September 24, 2021)

### TRACES Trial (NCT02797119)

- Clinical study completion date: Fall 2021
- PKPD study completion date: Spring 2022

### E-MOTIVE (NCT04341662)

- Study completion date: Late 2023

## New in Research and Innovation

### Haslinger, Christian et al published, "Vacuum-Induced Tamponade for Treatment of Postpartum Hemorrhage" in *Obstetrics & Gynecology* in September 2021 ([link](#))

Vacuum-induced tamponade appears to be an easy-to-use, promising method for the treatment of postpartum hemorrhage, particularly in women with uterine atony.

### Takahashi, Masaya et al published, ""Step-by-Step" Minimally Invasive Hemostatic Technique Using Intrauterine Double-Balloon Tamponade Combined with Uterine Isthmus Vertical Compression Suture for the Control of Placenta Accreta and Severe Atonic Hemorrhage during a Cesarean Section" in *Surgery Journal* in July 2021 ([link](#))

We devised and performed a minimally invasive combined technique based on a "step-by-step" minimally invasive hemostatic protocol for a case of placenta accreta and severe atonic hemorrhage during a cesarean delivery. Hemostasis was accomplished with a combination of isthmus vertical compression sutures and double balloons which is a less-invasive approach than existing compression techniques.

### Tsang, Yiyong Sally et al published, "Effects of rotational thromboelastometry-guided transfusion management in patients undergoing surgical intervention for postpartum hemorrhage: An observational study" in *Scientific Reports* in September 2021 ([link](#))

In our institution, the introduction of ROTEM-guided transfusion did not reduce PRBC transfusion in patients with PPH treated in the operating theater.

### Colalillo, Emer et al published, "Obstetric hemorrhage risk assessment tool predicts composite maternal morbidity" in *Scientific Reports* in July 2021 ([link](#))

We investigate how well an established obstetric hemorrhage risk-assessment tool predicts composite hemorrhage-associated morbidity. A composite morbidity score incorporated factors including obstetric hemorrhage (estimated blood loss  $\geq$  1000 mL), blood transfusion, or ICU admission. This established hemorrhage risk-assessment tool predicts clinically-relevant composite morbidity.

## Upcoming Conferences

- FIGO: Oct 2021
- ISTH : Oct 2021 (Asia-Pacific) and Nov 2021 (Latin America)
- SMFM: Feb 2022
- ACOG: May 2022
- SOAP: May 2022
- FWGBD: Sept 2022



Annual Clinical and Scientific meeting



42nd Annual Pregnancy Meeting



FWGBD Conference



Society for Obstetric Anesthesia and Perinatology Annual Meeting



World Congress of Gynecology and Obstetrics



Congress of the International Society on Thrombosis and Haemostasis