Placenta Accreta Spectrum
Workshop

May 16—17, 2025

Pavilion for Women
4th Floor Conference Center

Texas Children's®
Pavilion for Women

Day 1 – May 16, 2025

Time	Topic and Presenter
7:00 – 8:00 AM	**Registration and Breakfast** *Jan and Dan Duncan Neurological Research Institute*
8:00 – 8:20 AM	**Introduction and Welcome Address** *Jan and Dan Duncan Neurological Research Institute*
8:20 – 8:40 AM	**Placenta Accreta Spectrum: Is It an Invasion?** Charlotte Kim, MD
8:40 – 9:00 AM	**Novel Biomarker in PAS** Jessian Munoz, MD, PhD, MPH
9:00 – 9:20 AM	**How to Report Ultrasound Findings on PAS?** Alex Saucedo, MD
9:20 – 9:40 AM	**What does the future hold for Placenta MRI?** Ananth Annapragada, MD, PhD
9:40 – 10:00 AM	**Role of Interventional Radiology in PAS Management: Endovascular Embolization vs Intra-Aortic Balloon Occlusion** Jonathan Gross, MD
10:00 – 10:30 AM	**Break**
10:30 – 10:50 AM	**Prevention of PAS: Recommended Surgical Techniques in Cesarean Section** Albaro Nieto-Calvache, MD
10:50 – 11:10 AM	**Cesarean Scar Pregnancy: Definition and Ultrasound Diagnosis** Onur Turkoglu, MD
11:10 – 11:30 AM	**The Breadth of Cesarean Scar Pregnancy Management** Diana Crabtree, MD
11:30 – 11:50 AM	**Operative Management: Hyserectomy** Amir Shamshirsaz, MD
11:50 AM – 12:05 PM	**Questions and Discussion (Panel)**
12:05 PM	**Departure to Texas Children's Hospital Pavilion for Women**
12:15 – 1:15 PM	**Lunch** *(Pavilion for Women 4th Floor Conference Area)*
1:15 – 4:15 PM	**Simulation** *(Pavilion for Women 4th Floor Concerence Center)* Albaro Nieto-Calvache, MD; Sarah Detlefs, MD, MSMS; Alex Saucedo, MD; Hennie Lombaard, MBChB(Pret) MMed(OetG)(Pret) PgDip(HSE)(Wits); Brennan Lang, MD, Jacob Kowenski, MD, Conner Mulhal, MD and Ana Volgar, MSN, APRN, FNP-C

Day 2 – May 17, 2025

Time	Topic and Presenter
7:00 – 7:50 AM	**Registration and Breakfast** *Pavilion for Women 4th Floor Conference Ceter*
7:50 – 8:00 AM	**Welcome Address** *Texas Children's Auditorium or Taussig Auditorium*
8:00 – 8:20 AM	**Establishing an Obstetric Surgical Response Team** Hennie Lombaard, MBChB(Pret) MMed(OetG)(Pret) PgDip(HSE)(Wits)
8:20 – 8:40 AM	**Approach to an Unanticipated PAS in the OR** Ahmed Nassr, MD
8:40 – 9:00 AM	**Comprehensive Management of Complex Cesarean Section** Albaro Nieto-Calvache, MD
9:00 – 9:20 AM	**Intra-Operative Staging and Topographic Classification of PAS: Why Does it Matter?** Albaro Nieto-Calvache, MD
9:20 – 9:50 AM	**Break**
9:50 – 10:10 AM	**Anesthesiology Consideration in PAS** Maria Sheikh, MD, MPH
10:10 – 10:30 AM	**Massive Transfusion Protocol: Whole Blood versus Blood Component Therapy** Luis Pacheco, MD
10:30 – 10:50 AM	**Transfusion-Related Complications** Amir Navaiee, MD
10:50 – 11:10 AM	**Damage Control Resuscitation: When to Perform Intra-Abdominal Packing** Corey Detlefs, MD
11:10 – 11:30 AM	**Patient Experience** Tracey Talley
11:30 – 11:50 AM	**Postoperative Care for PAS Patients: Nursing Perspective** Morgan Parrish, RN, BSN, MPH
11:50 AM - 12:10 PM	**Postpartum Care After Discharge** Ana Volgar, MSN,APRN, FNP-C
12:10 – 12:40 PM	**Lunch** *(Pavilion for Women 4th Floor Conference Area)*
12:40 – 3:40 PM	**Simulation** *(Pavilion for Women 4th Floor Concerence Center)* Albaro Nieto-Calvache, MD; Sarah Detlefs, MD, MSMS; Alex Saucedo, MD; Hennie Lombaard, MBChB(Pret) MMed(OetG)(Pret) PgDip(HSE)(Wits); Brennan Lang, MD, Jacob Kowenski, MD; Conner Mulhal, MD and Ana Volgar, MSN,APRN, FNP-C
3:40 – 3:55 PM	**Closing Remarks, Q&A Session, Evaluation**

Simulation Schedule | Red Group

*This team will go through **TWO** stations on Friday:*

1. **Procedural Skills Station**
   The goal of this station is to review different procedural skills that can be invaluable for taking care of a critically ill surgical patient.
   Duration: 1.5 hours
   Each Station: 20 minutes then 2 minutes to rotate
   Total People: 30 people/group, 8 people/station

Station/Instructor	Goals/Objectives
Conservative management of PAS Albaro Nieto-Calvache, MD	1. Practice conservative management of PAS
Aortic Compression Amir Shamshirsaz, MD	1. Demonstrate and practice the steps for aortic compression. 2. Review the benefits of aortic compression during massive hemorrhage
COBRA-OS Seema Gogna	1. Review the procedure for aortic balloon occlusion. 2. Discuss the risks and pitfalls of aortic balloon occlusion for massive hemorrhage during accreta surgery
Abdominal packing Corey Detlefs, MD	1. Practice abdominal packing

2. **Surgical Simulation Station**
   The goal of this station is to review the management of an unanticipated PAS diagnosis in the OR.
   Duration: 1.5 hours **Participants:** 30/group

Objectives

1. Review management options and considerations during unanticipated Placenta Accreta Spectrum
2. Review operative management in the setting where transfer is unable to be performed
   a. Box Sutures

Station/Instructor	Goals/Objectives
Pig Model Hennie Lombaard, MBChB(Pret) MMed(OetG) (Pret) PgDip(HSE)(Wits)	1. Review bladder dissection techniques 2. Review fundal hysterotomy techniques
REBOA Jerry Rodriguez	1. Review the procedure for aortic balloon occlusion 2. Discuss the risks and pitfalls of aortic balloon occlusion for massive hemorrhage during accreta surgery
Chicken Model Ana Volgar, MSN, APRN, FNP-C	1. Review the steps of a Cesarean hysterectomy 2. Discuss the opportunities for accreta simulation

Simulation Schedule | Blue Group

*This team will go through **THREE** stations on Friday:*

1. **Maternal Code**
   The goal of this station is to review management of maternal cardiac arrest.
   This should build on and be supported by the BLS station review on the alternate day.
   Duration: 1 hour
   Participants: 30 people
   Instructors: Sarah Detlefs, MD, MSMS and PFW Simulation Team

Objectives

1. Recognize unresponsiveness and pulselessness in a pregnant patient
2. Perform basic life support (BLS) measures including cardiopulmonary resuscitation (CPR) and early defibrillation
3. Demonstrate teamwork and communication skills including closed loop communication, role clarity, shared mental modeling

2. **Massive Transfusion Protocol (MTP)**
   The goal of this station is to review the use of MTP at individual institutions to ensure conference attendees know how to activate and use MTP.
   Duration: 1 hour
   Participants: 30 people
   Instructors: Brennan Lang, MD and PFW Simulation Team

Objectives

1. Review management of massive postpartum hemorrhage
2. Understand the process and components of activating and running Massive Transfusion Protocol at each institution

3. **Ultrasound Station**
   The goal of this station is to review prenatal diagnosis of PAS.
   Duration: 1 hour
   Participants: 30 people
   Instructors: Conner Mulhal, MD and Alex Saucedo, MD

Objectives

1. Review the ultrasound findings that raise suspicion for PAS
2. Discuss the sensitivity and specificity of different ultrasound markers
3. Observe an in-person PAS scan

Notes

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