

Resident Education on Labor & Delivery: Going Beyond Situational Learning

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Background:

The OBGYN residents at our institution provided feedback that while situational education was important and appreciated, **consistent and structured education** on L&D was **lacking**. We took this feedback and sought to make improvements with the dual goals of coordinating **dedicated, daily education time** along with a **structured weekly curriculum*** covering salient topics in obstetrics.

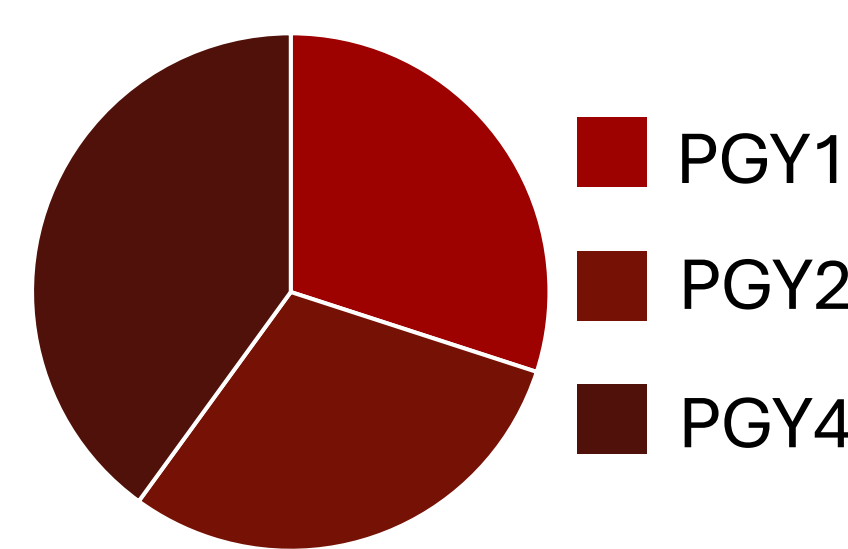
Methods:

One year following implementation, participating residents were surveyed for feedback on the curriculum. An anonymous survey was administered to residents, assessing several important areas.

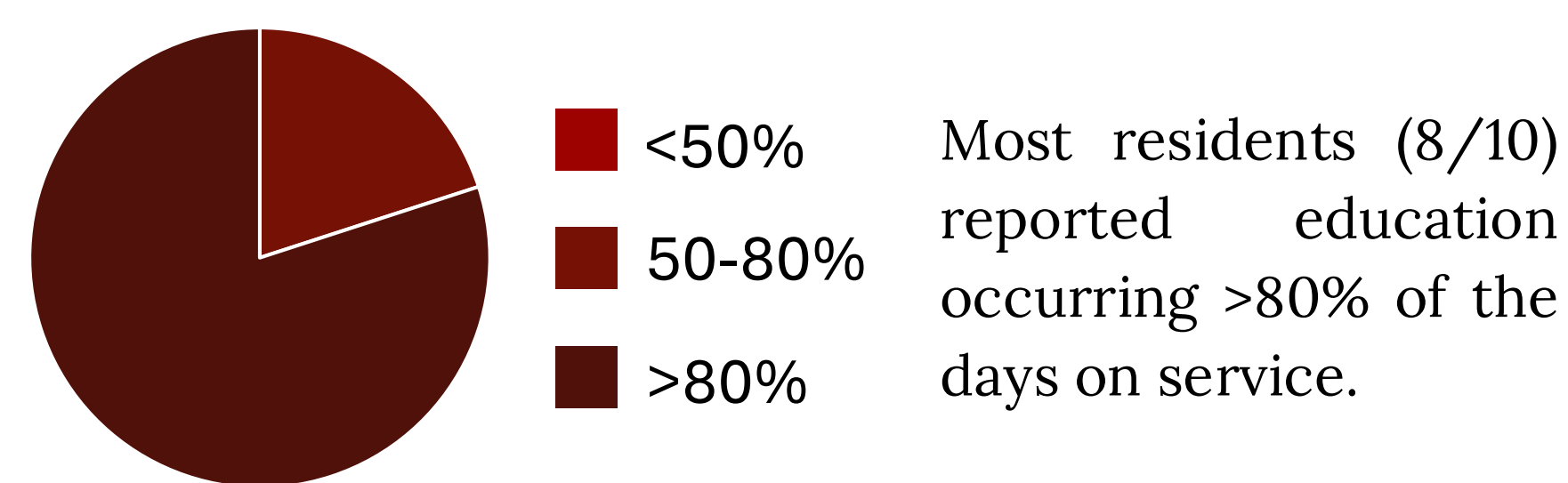
Results:

Demographics

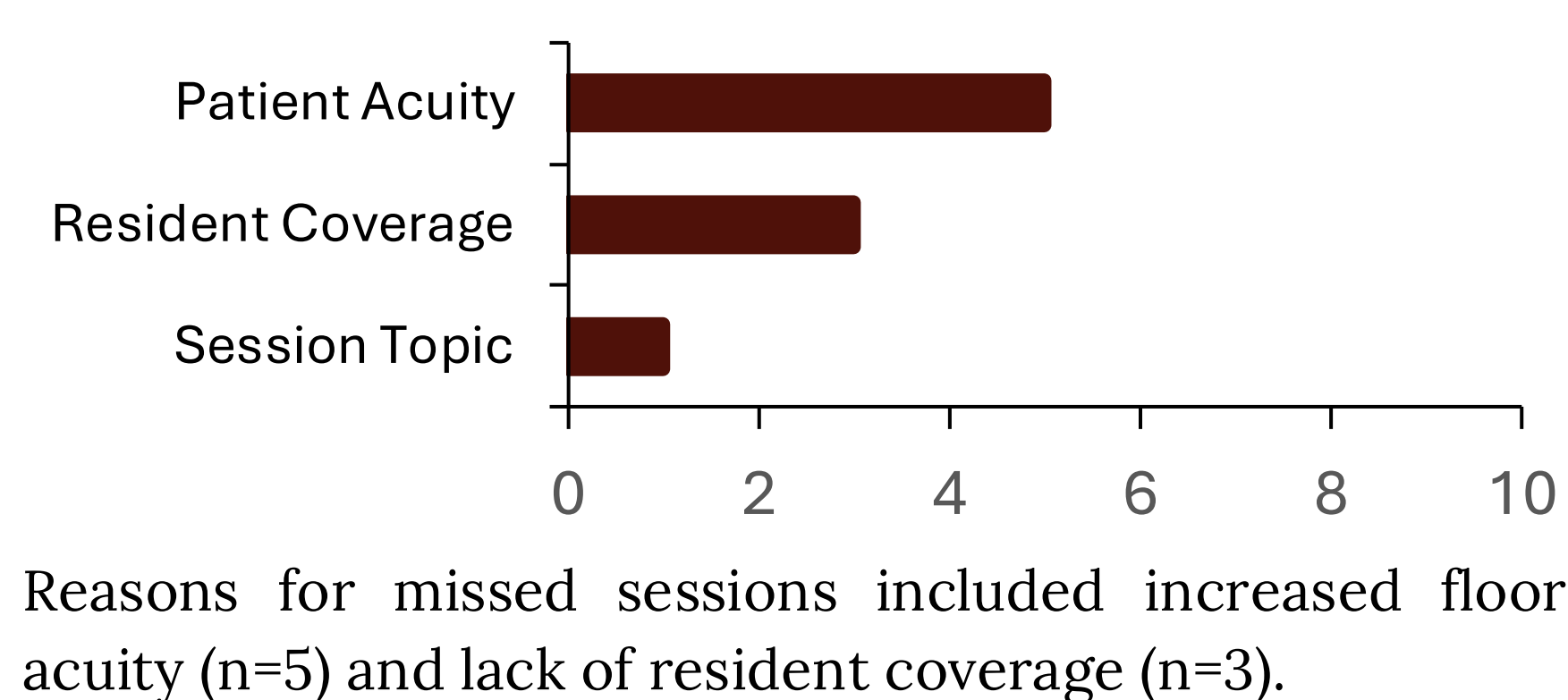
A total of 10/23** (44%) residents completed the survey. There was an equivalent distribution across cohorts (3 PGY1, 3 PGY2, 4 PGY4).



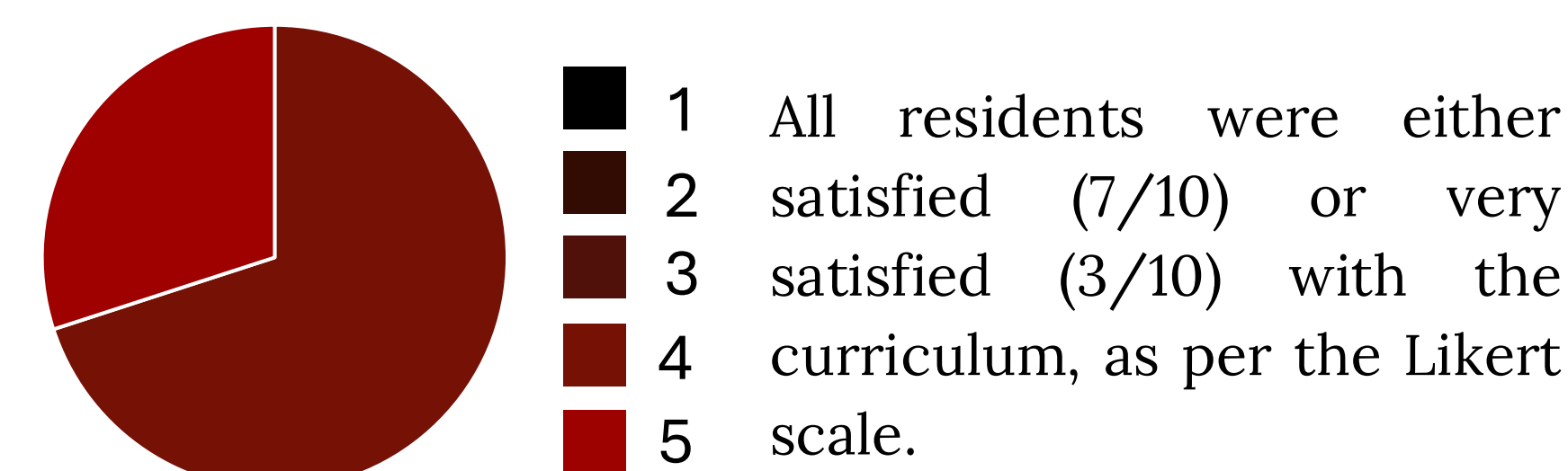
How often did education occur?



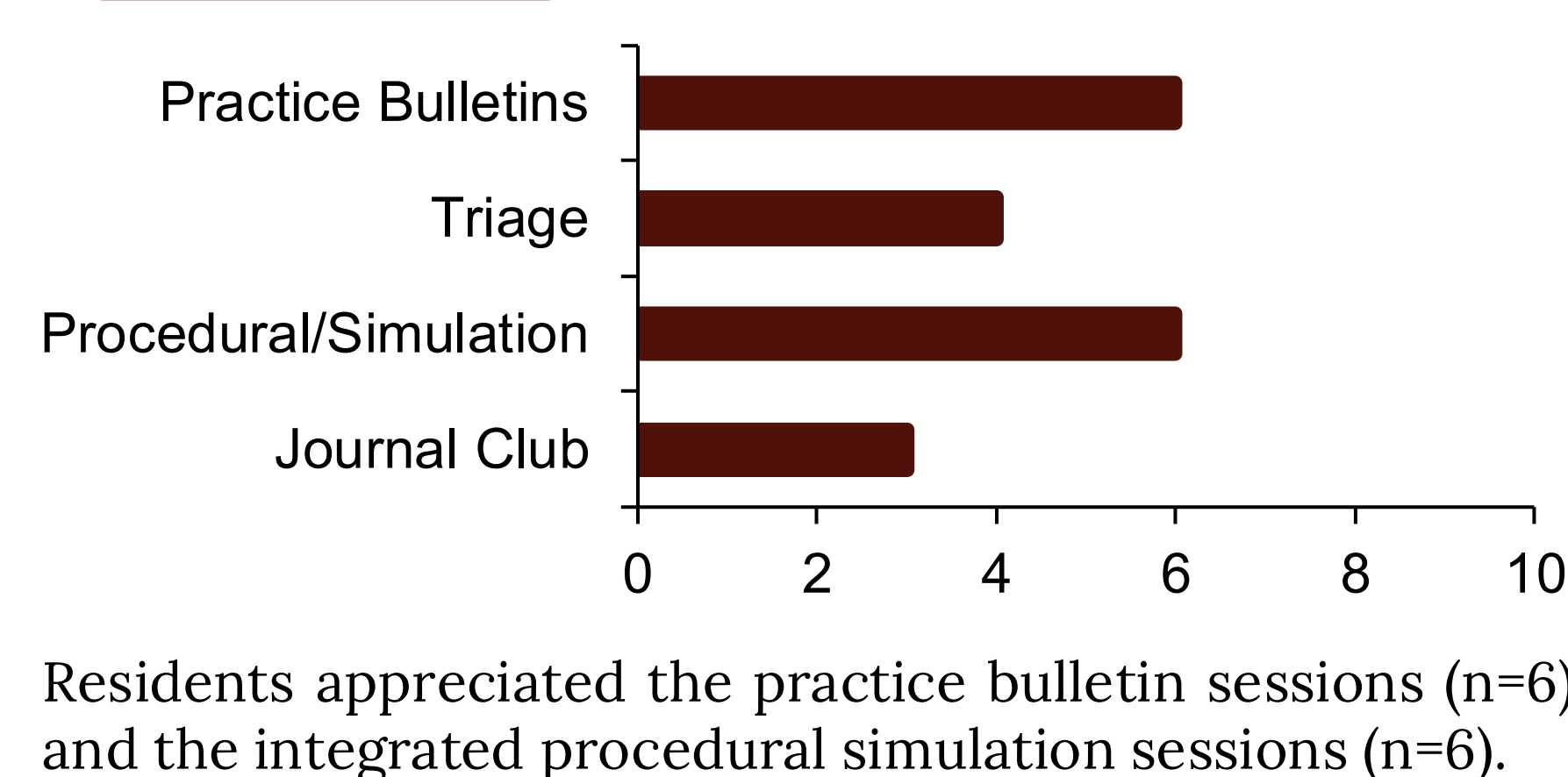
Why were sessions missed?



Curriculum Satisfaction



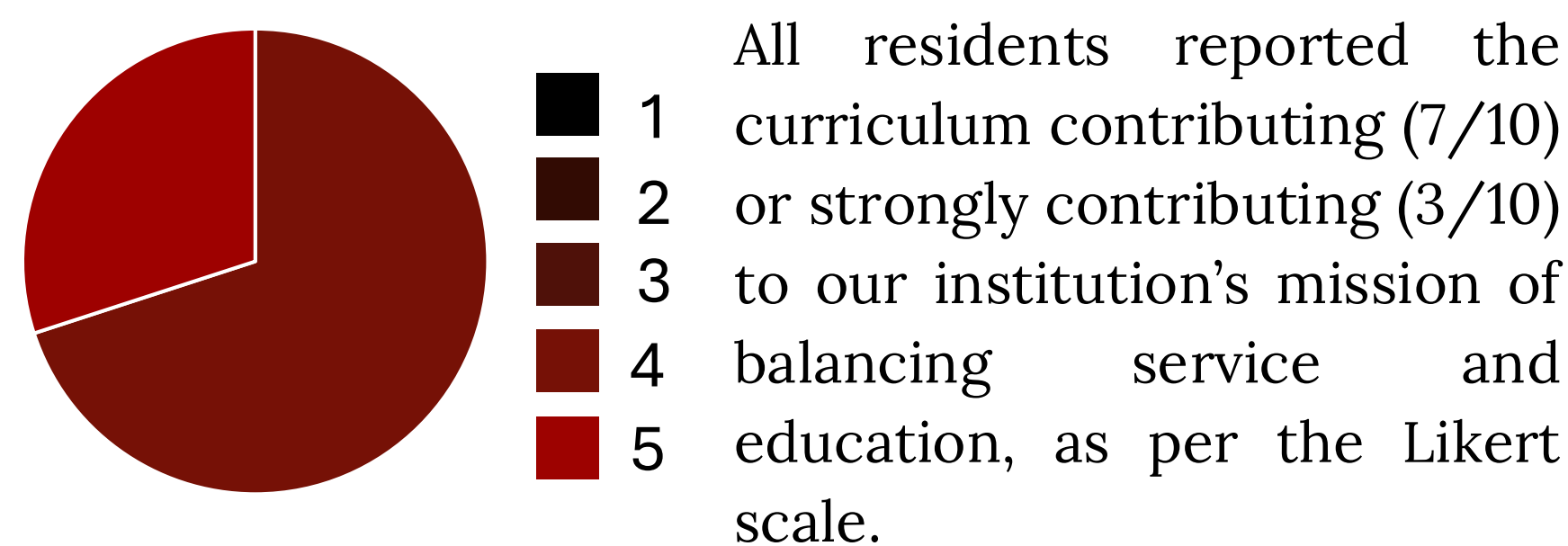
Strengths



Suggestions for Improvement

Residents suggested substituting some triage sessions with **systematic fetal heart tracing reviews** or **CREOG questions**.

Service vs. Education



Discussion:

The L&D curriculum was universally recognized by trainees as a mode for dedicated, predictable learning opportunities while on shift. Future iterations will prioritize centering senior residents as educators, assessing objective benefits of the curriculum and incorporating clinical courses of recently delivered patients, including fetal heart tracing reviews, for continued variety and scope.

* The formal curriculum included resident and faculty expectations, module schedule, applicable CREOG learning objectives by PGY level, additional reading suggestions and applicable L&D policy review. The curriculum included to the right is reflective of the AY 25-26 academic year. The plan is to be updated annually.

** PGY3s were excluded from participation; per resident scheduling, PGY3s are primarily at an alternative site for their L&D rotation.

Module	Reading Materials (Monday)	Case Review (Tuesday)	Simulation (Wednesday)	Journal Club (Thursday)
1	Induction of Labor // Labor Management // Safe Prevention of Primary C/S ACOG CPG 8: First and Second Stage Labor Management	OB Triage: "Leakage of Fluid"	Management of Breech Presentation in Labor - ACOG Sim: Breech Vaginal Delivery - YouTube: Breech Delivery	ARRIVE Trial - ARRIVE Trial - Term Breech Trial
2	Evidence-based C/S ACOG PB 219: Operative Vaginal Birth	FHT Review: "Management of Cat II FHT"	Techniques for Difficult Cesarean Delivery ACOG Sim: Impacted Fetal Head	Evidence-based Cesarean - The Case for Standardizing Cesarean Delivery Technique: Seeing the Forest for the Trees - Evidence-based surgery for Cesarean Delivery: an updated systematic review
3	Repair of Obstetric lacerations // Shoulder Dystocia ACOG PB 198: Prevention and Management of Obstetric Lacerations at Vaginal Delivery	OB Triage: "Abdominal Pain"	Higher Order Perineal Laceration Repairs	Fetal Heart Tracings Pathophysiology of Fetal Heart Tracings in Clinical Practice
4	Postpartum Hemorrhage ACOG PB 183: Postpartum Hemorrhage	FHT Review: "Management of Intra-amniotic Infection"	OB Hemorrhage Management	Postpartum Hemorrhage WOMAN Trial
5	Hypertensive Diseases in Pregnancy/Eclampsia - Imitators of Severe Preeclampsia - ACOG PB 222: Gestational Hypertension and Preeclampsia - ACOG PB 203: Chronic Hypertension in Pregnancy	OB Triage: "Vaginal Bleeding"	Severe Hypertension and Eclampsia - Eclampsia in the 21st Century (Review Article) - ACOG PB 203: Chronic Hypertension in Pregnancy	Hypertensive Disease in Pregnancy // Eclampsia - Magpie Trial - Magpie Trial: Outcomes at 2 years
6	GDM/DM/DKA - ACOG PB 190: Gestational Diabetes Mellitus - ACOG PB 201: Pregestational Diabetes Mellitus	FHT Review: "Management of Concerning Second Stage FHT and Operative Delivery"	Shoulder Dystocia + Communication - ACOG PB 178: Shoulder Dystocia - ACOG Sim: Shoulder Dystocia - SD checklist	Breastfeeding - ACOG CO: Breastfeeding Challenges - Breastfeeding Handbook for Physicians
7	Abx in L&D (surgical, intra-amniotic infections, EMM) // Prevention of GBS early-onset disease in newborns - ACOG PB 199: Use of Prophylactic Antibiotics in Labor and Delivery - ACOG CO 712: Intrapartum Management of Intraamniotic Infection - ACOG Clinical Practice Update: Update on Criteria for Suspected Diagnosis of Intraamniotic Infection	OB Triage: "Decreased Fetal Movement"	Operative Vaginal Delivery (Forceps & Vacuum Assisted) Contemporary OB/Gyn: FAVD Sim Video	Antibiotics following Operative Vaginal Birth ANODE Trial
8	TOLAC management; Antepartum counseling of patient with prior Cesarean deliveries ACOG PB 205: Vaginal Birth after Cesarean Delivery	FHT Review: "Uterine Rupture"	Maternal Cardiac Arrest/Perimortem C/S MCA Simulation Video	Trial of Labor After Cesarean Section TOLAC, VBAC, and Risk of Uterine Rupture: Expert Review