

C-64 By the Way, the Patient Is Pregnant!

Moderator(s)/Facilitator(s): Joe Bryant-Huppert, M.D., Catharine Keim, M.D.

Objective

After completion of this session, the participant will be able to:

- Develop a plan for the perioperative management of a pregnant patient presenting for non-obstetric surgery.

Case Stem Question

A 25-year-old G1P0 at 16w4d presents for emergency laparoscopic appendectomy for acute appendicitis

PMH: anxiety

PSH: none

Medications: pre-natal vitamins

On arrival, the patient is anxious-appearing and is complaining of stomach pain. She denies nausea or vomiting.

Vitals: T-38.5, HR-115, BP-110/65, RR-20, SpO2-98% on room air

Guiding Questions for Discussion

1. How would you induce this patient?
2. What physiologic considerations are present and how might these affect your plan?
3. What are your anesthetic goals during maintenance?
4. What additional team(s) should be involved in the coordination of care for this patient? What, if any, fetal monitoring would you do?
5. How would you reverse neuromuscular blockade in this patient?

References

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2. Brakke BD, Sviggum HP. Anaesthesia for non-obstetric surgery during pregnancy. *BJA Educ.* 2023 Mar;23(3):78-83. doi: 10.1016/j.bjae.2022.12.001. Epub 2023 Jan 14.
3. ACOG Committee Opinion No. 775 Summary: Nonobstetric surgery during pregnancy. *Obstet Gynecol.* 2019;133:844–5.
4. Willet AW, Butwick AJ, Togioka B, et al. Society for Obstetric Anesthesia and Perinatology Statement on Sugammadex during pregnancy and lactation Ad Hoc task force. 2019.
5. Do W, Cho AR. What we need to know and do on sugammadex usage in pregnant and lactating women and those on hormonal contraceptives. *Anesth Pain Med (Seoul).* 2023 Apr;18(2):114-122. doi: 10.17085/apm.23041. Epub 2023 Apr 24.