

- **32-year-old G3P0304 presenting for Cesarean delivery**
 - PMHx: severe asthma, bullous emphysema, obstructive sleep apnea, chronic hypoxic respiratory failure requiring home oxygen, and obesity
 - PSHx: At 28 weeks gestation, she underwent a laparoscopic cholecystectomy at OSH complicated by prolonged intubation and a left-sided pneumothorax requiring chest tube placement.
 - *Later extubated and transferred for further management. Non-reassuring antenatal testing with recurrent decelerations necessitated a cesarean delivery at 32 weeks gestation.*
- **Preoperative Evaluation**
 - 6L NC in L&D room, no acute respiratory distress, chest tube on suction without leak.
 - Physical exam: Mallampati III, TOM distance ≥ 6 cm, mouth opening > 3 cm, normal dental exam

References:

- Br J Anaesth 2019; 123(4):480-7
- JOGNN 2019; 48(2):234-42
- Thromb Res 2018; 171:51-6
- Anesthesiology 2016; 124(4):792-802
- Anaesthesia 2014; 70(3):323-9

Clinical Considerations:



Anesthetic choice: GA vs. Neuraxial

- Strong clinical evidence supporting neuraxial technique
- Low-dose spinal + CSE to avoid respiratory demise



Importance of interdisciplinary communication

- Obstetrics, obstetric anesthesia, thoracic surgery, surgical ICU, NICU
- Multiple coexisting and sometimes competing priorities



Balancing maternal and newborn safety

- Physical location of cesarean section when adult and neonatal ICU's are in separate hospitals
- Transport timing and proper support