



Abruptio of Abdominal Pregnancy Following Blunt Trauma

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Background

- Abdominal pregnancy represents a rare subset of ectopic pregnancy with a reported incidence around one per 10,000 live births¹
- It is associated with high fetal and maternal morbidity and mortality²
- Abdominal pregnancy remains difficult to diagnose and often presents as abdominal hemorrhage^{3, 4}

Purpose

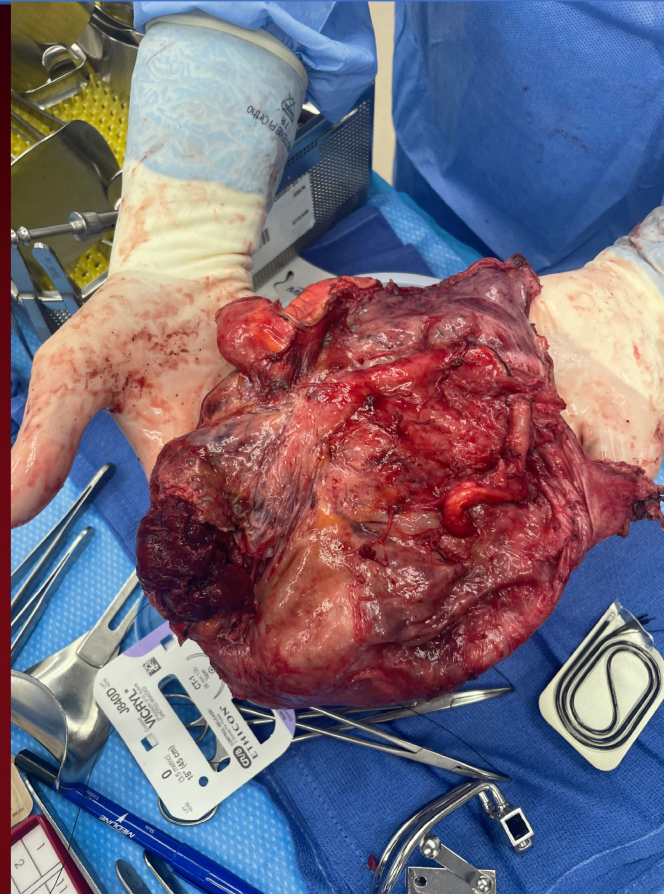
- Case presentation of a viable abdominal pregnancy with placental abruption discovered after blunt abdominal trauma

Patient information

- 25-year-old primigravida female
- Presented via ambulance as a trauma activation for hypotension following blunt trauma to the abdomen

Treatment Course

- FAST exam was inconclusive and fetal heart rate was 76 beats/minute
- Given the patient's hypotension and the non-reassuring fetal heart tones, the decision was made to take the patient to the operating room for emergent exploratory laparotomy and cesarean section
- Patient underwent resection of appendix, small bowel, right adnexa, and adhered placenta
- She was initially left in discontinuity and returned to the operating room POD-1 for anastomosis



A.) Intraoperative photograph of placenta (left) adhered to small bowel (top) and appendix (bottom right). Right adnexa not fully visualized.

Outcomes

- Mother discharged home hospital day five
- Delivery of infant boy of 25 weeks gestation
- Baby discharged after 94 days in Neonatal Intensive Care Unit
- Mother and baby followed outpatient and doing well

Discussion

- In pregnant patients presenting after blunt trauma with free intraabdominal fluid and hypotension, abdominal pregnancy with abruption should be considered as an unlikely differential

References

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