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## **TITLE:A CASE OF RUPTURED SCAR ECTOPIC PREGNANCY**



### **INTRODUCTION**

A ruptured scar ectopic pregnancy is a rare and life-threatening condition where a fertilized egg implants on a previous uterine scar, often from cesarean delivery or other uterine Surgeries<sup>1</sup>. This abnormal implantation can lead to severe complications if the scar tissue ruptures, causing significant hemorrhage and potential maternal mortality.

### **CASE HISTORY**

A 28 years old female G4P2L2A1 with previous 2 lscs, 1<sup>st</sup> lscs for short stature, 2<sup>nd</sup> for prev 1 lscs, came with c/o amenorrhoea of 2 months followed by bleeding pv, there was h/o mtp pills intake by herself 4 days before P/a-transverse scar+, soft, non tender, p/v-ut 12-14 wk, a/v, b/l fornices free and non tender, her usg was s/o abnormally located G-sac with single embryo of 10 wk 3 days, g-sac appears located in lower anterior myometrial /left fallopian tube region s/o ectopic pregnancy with no cardiac

Activity, medical management of ectopic pregnancy was given to her, her serial beta hcg level was 158012—1300—2860---12930-->15000, Her MRI was done which was s/o cesarean scar ectopic pregnancy Her usg after medical management was done which was s/o a large expanding intramyometrial hematoma with possible contained scar rupture, laparotomy was done in which a soft and vascular mass seen at the site of previous scar, bladder found adhered to the mass, bladder dissection was done, products of conception removed, gentle uterine curettage done., products sent for HPE



### **DISCUSSION**

scar ectopic Implantation leads to abnormal trophoblastic invasion and vascularization, causing scar dehiscence<sup>2</sup>. As the pregnancy grows, the scar's limited strength leads to rupture, resulting in hemorrhage, and potential life-threatening complications.

### **CONCLUSION**

A ruptured scar ectopic pregnancy is a rare but life-threatening condition can cause severe bleeding, requiring urgent surgical intervention. Early diagnosis via ultrasound and timely management are crucial for preserving maternal health.

### **REFERENCES**

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- 2) Timor-Tritsch, I. E., Monteagudo, A., Santos, R., Tsymbal, T., Arslan, A. A., & Cohen, L. (2012). The diagnosis, treatment, and follow-up of cesarean scar pregnancy. *American Journal of Obstetrics and Gynecology*, 207(1), 44.e1-44.e13. DOI: 10.1016/j.ajog.2012.04.004