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Title: **HETEROTOPIC PREGNANCY: THE EVIL TWIN**



INTRODUCTION

- Heterotopic pregnancy is the occurrence of pregnancies in at least two different implantation sites at the same time.
- With increasing use of ART the incidence has increased from 1 in 30000 to 1-9 in 10000.

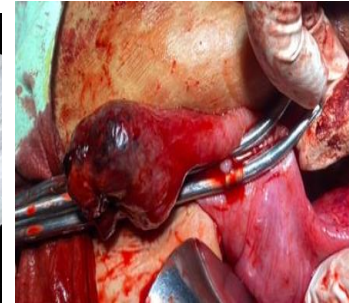
CASE REPORT

- A 23-year-old primi at 9 weeks of gestation presents with vaginal bleeding (6 hours ago, not associated with clot passage) and acute abdominal pain (sudden onset, progressively worsening, radiating to the back) for the past 5 hours.
- Pregnancy was confirmed by UPT, and there is no history of infertility treatment.
- O/E: The 23yr old female patient was moderately built and nourished, well oriented to time place and person.
Vitals were normal, head-to-toe examination revealed no significant findings.
- Systemic examination was normal. On per abdomen: soft, non-tender, no organomegaly.
- On per speculum: normal cervix and vagina.

- On bi-manual examination: Uterus around 8 weeks size, ante-verted, mobile, B/L fornices are free, right mild forniceal tenderness noted.

MANAGEMENT

- Ultrasound showed SLIUG of 9weeks with good cardiac activity. Another gestational sac between right ovary and uterus in right adnexa with fetal pole and cardiac activity with CRL 1.1cm corresponding to 7 weeks 3 days-likely right fallopian tube ectopic pregnancy.
- Her beta-HCG 25396 IU/ml. CBC was within normal limits.
- Patient was taken up for emergency exploratory laparotomy under spinal anaesthesia. Laparotomy confirmed right tubal pregnancy and right salpingectomy was performed. Sample was sent of HPE and confirmed to be a g-sac later.
- Post-operative period was uneventful. Patient was discharged on POD3. Ultrasound was repeated post -op showed SLIUG of 9weeks+ 5days and she continued her intrauterine pregnancy with regular ANC and is up to 32 weeks of gestation.



DISCUSSION

- The importance of heterotopic pregnancy lies in its rarity and potential for serious complications.
- Though uncommon, it poses significant risks to maternal health. Early detection is crucial for ensuring the survival of the intrauterine pregnancy while managing the ectopic pregnancy safely.
- Awareness of this condition, particularly in women undergoing assisted reproductive technologies, is vital for timely intervention and optimal outcomes.

REFERENCES

1. Nguyen KP, Hudspeth M, Milestone H. Spontaneous Heterotopic Pregnancy: Diagnosis and Management. Case Rep Obstet Gynecol. 2022 Jul 26;2022:2994808. doi: 10.1155/2022/2994808. PMID: 35928785; PMCID: PMC9345693.
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