

Unilateral Alive Twin Tubal Ectopic Pregnancy: Case Report

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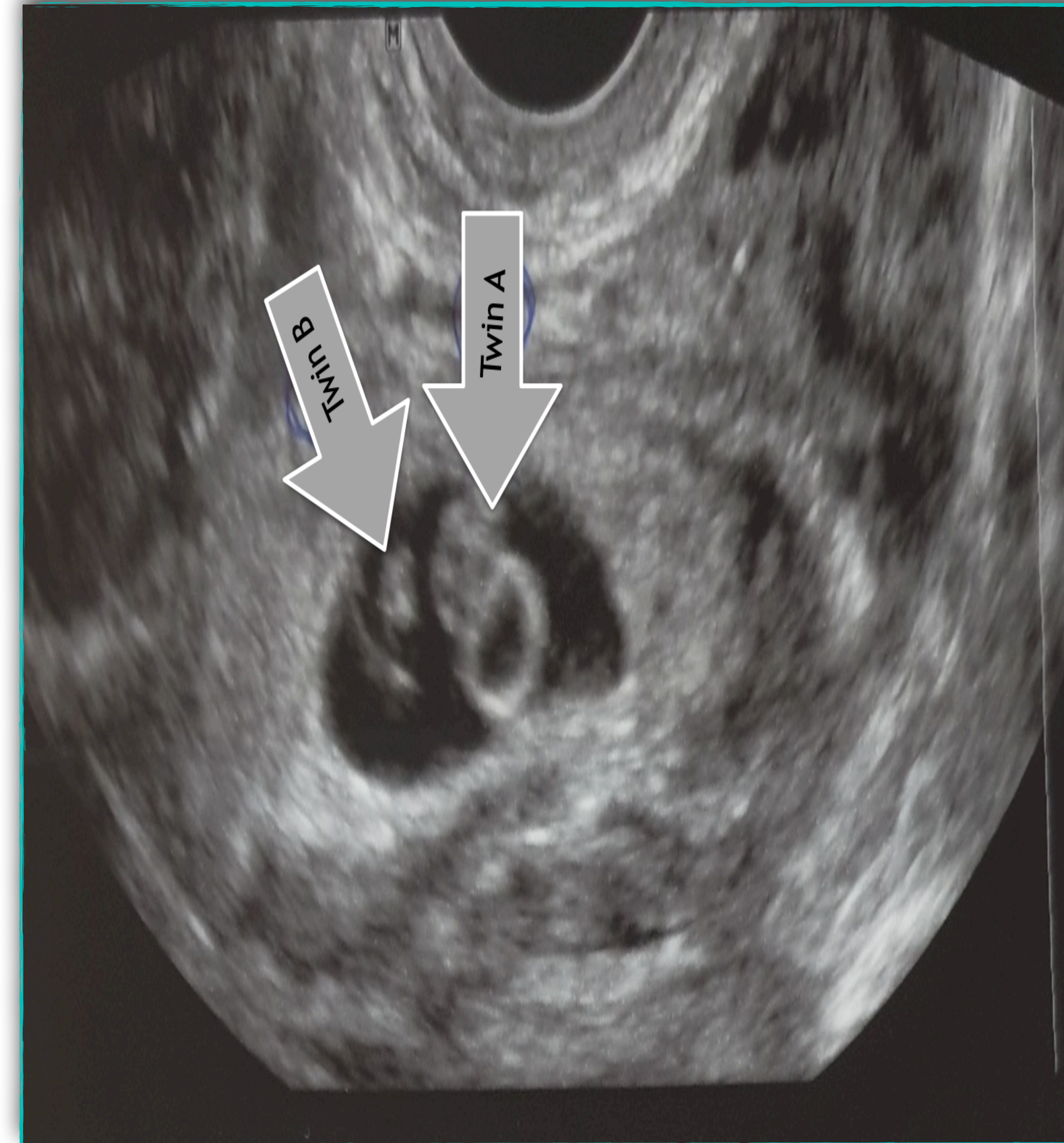
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Objective:

Unilateral Twin ectopic pregnancy with a live embryo is a very rare type of Ectopic pregnancy that needs a high index of suspicion to diagnose and treat early to prevent maternal morbidity and mortality

Case report:

- A 41 year-old Gravida 6 Para 5, presented to the emergency department of King Abdulaziz Medical City-Riyadh, Saudi Arabia at 6 weeks of gestations
- Symptoms of lower abdominal pain and vaginal spotting, Current Pregnancy was induction of ovulation
- There was no history suggestive of any major medical or surgical illness in past.
- Upon Presentation her Vital signs were stable, per abdominal examination: there was no tenderness ,vaginal examination: there was no Cervical Motion Tenderness.
- Her investigations showed: BHCG of 13231 ,other investigations were within normal.
- Transvaginal scan showed:Right-Adnexa mass size 5.4x 4.1cm viable twin pregnancy with two yolk sacs and two cardiac activity .
- Taken for Emergency Laparoscopic salpingectomy.
- Intraoperatively :there was moderate hemoperitoneum, Right sided Salpingectomy was done.
- The patient did well postoperatively and was discharged on 3rd day.
- The histopathological examinations confirmed the Diagnosis (fallopian tube with intraluminal chronic villi and fetal tissue)



References :



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Discussion:

- Several factors are increased the risk of ectopic pregnancy.
- Pelvic inflammatory disease is associated with the greatest increase in risk, but other associated factors include operative trauma, congenital anomalies, tumors, adhesions, and advancing maternal age.
- This case has several differences from other cases of unilateral live twin tubal pregnancies.
- First, the patient conceived after ovulation induction only whereas most cases were associated with ART and other risk factors.
- Second, each fetus in the twin pregnancy had a yolk sac and cardiac activity
- Patient presented with high level of BHCG , that may raise the concern of heterotopic pregnancy or twins pregnancy which might be overlooked as singleton viable pregnancy.

Conclusions:

- Viable ectopic pregnancy is a life-threatening with challenging diagnosis
- By reporting such cases it will raise the knowledge of possible twins ectopic pregnancy in high level BHCG then it may help considering appropriate intervention and follow up accordingly.