



Cornual Twin Pregnancy Following IVF Treatment

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Clinical Image

A 34-year-old woman with OBGYN history of right tubal pregnancy s/p right salpingectomy and blighted ovum with previous IVF treatment. G3P0AA1E2. Last Menstrual Period: January 18th 2021. She had two D5ETs transferred. 12 days later, serum Beta-human Chorionic Gonadotropin (B-hCG) was positive.

The first Transvaginal Ultrasound (TVS) scan at 6 weeks revealed an ectopic twin pregnancy,

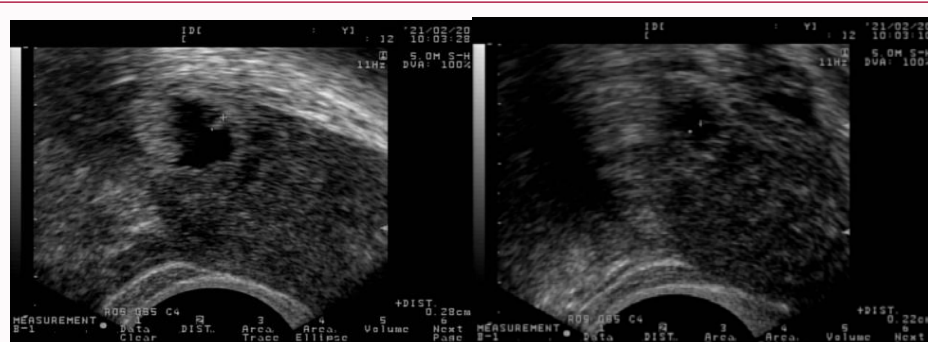


Figure 1: Transvaginal Ultrasound (TVS) scan showed gestational sacs in both cornua.



Figure 2: Three-dimensional sonography revealed of one embryo on each cornu.

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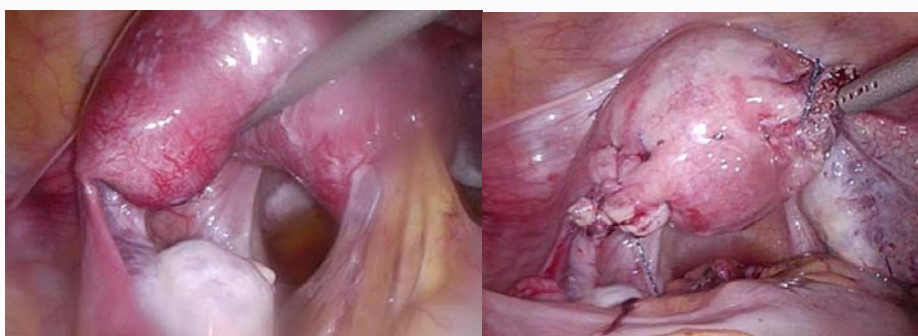


Figure 3: Laparoscopic of bilateral cornual resection was performed.

with one embryo on each cornus. The Crown-Rump Length (CRL) were 0.22 cm and 0.28 cm (Figure 1). Laboratory data of B-hCG level showed 58,717 mIU/ml. Three-dimensional sonography has showed gestational sacs in both cornus (Figure 2).

Under the impression of bilateral cornual pregnancy, she was prepared for laparoscopic of bilateral cornual resection (Figure 3). Cornual pregnancy occurs in 2% to 4% of all ectopic pregnancies, with a mortality rate of 2% to 3% [1]. Early diagnosis and well-timed treatment is the only way to prevent the high morbidity and mortality.

In conclusion, bilateral corneal pregnancy should be taken account of IVF treatment patients. Timely treatment for ectopic treatment is crucial.

References

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