

Cite this as: Bo ZHU, Gu-feng XU, Yi-feng LIU, Fan QU, Wei-miao YAO, Yi-min ZHU, Hui-juan GAO, Dan ZHANG, 2014. Heterochronic bilateral ectopic pregnancy after ovulation induction. *Journal of Zhejiang University-Science B (Biomedicine & Biotechnology)*, 15(8):750-755. [doi:10.1631/jzus.B1400081]

Heterochronic bilateral ectopic pregnancy after ovulation induction

Key words : *Heterochronic; Bilateral ectopic pregnancy; Intrauterine insemination; Ovulation induction; Assisted reproductive technology*

Summary

- ✓ We reported an unusual case of bilateral ectopic pregnancy after stimulated IUI, with a 22 days delay between the diagnoses of the two sides ectopic pregnancies.

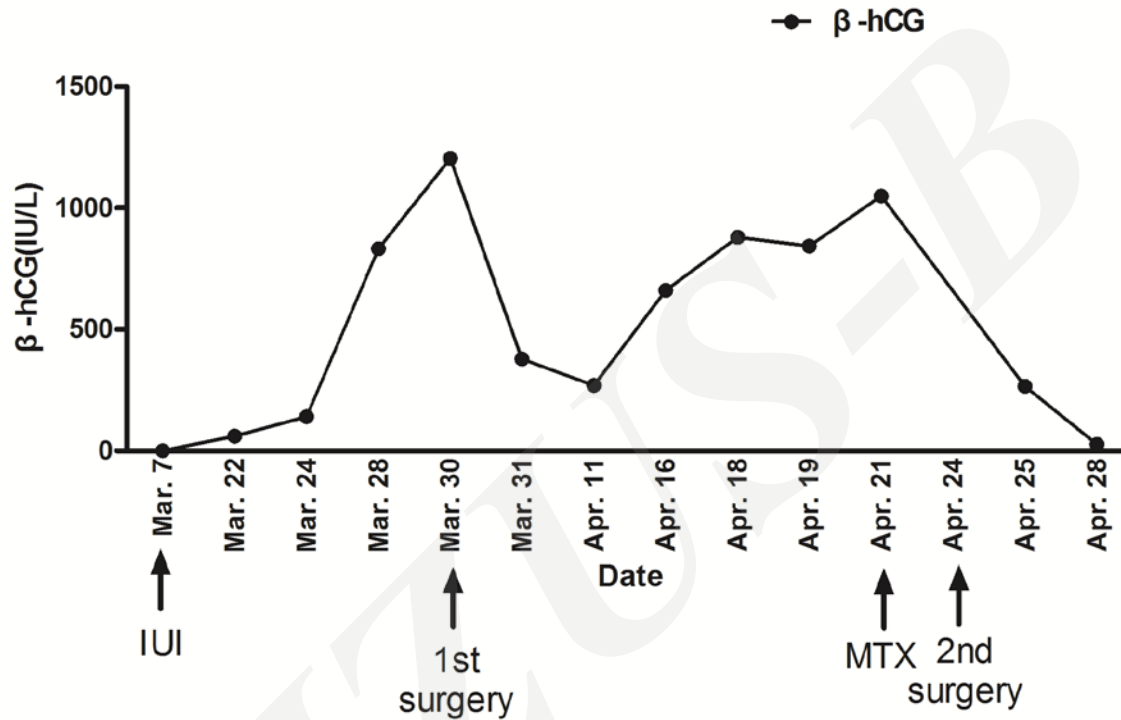


Right ectopic pregnancy

22 days later, left ectopic pregnancy was diagnosed

- ✓ Literature was reviewed on the occurrence of bilateral ectopic pregnancy during the past four years in the MEDLINE database to analyse the characteristics of those cases.

β -hCG level



- ✓ Serum β -hCG level increase again after an initial decrease
- ✓ May indicate a heterochronic bilateral ectopic pregnancy
- ✓ Clinicians should be aware of it

Innovation points

- **Present** a rare case of heterochronic bilateral ectopic pregnancy, which was the first time to be reported.
- **Emphasize** that ovulation induction and other ARTs may increase the risk of bilateral ectopic pregnancy.
- **Highlight** to clinicians that bilateral ectopic pregnancy can occur in the same patient and should pay attention to the intra-operation inspection of both side fallopian tubes in any ectopic pregnancy case.

