

عنوان مقاله:

Interstitial ectopic pregnancy diagnosis by three-dimensional ultrasound and its laparoscopic management: A case report

محل انتشار:

مجله طب تولید مثل ایران، دوره 17، شماره 12 (سال: 1398)

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خلاصه مقاله:

Background: Interstitial Ectopic Pregnancy (IEP) is an uncommon type of ectopic pregnancy with the risk of rupturing and bleeding. The incidence of IEP is about 2-4% of all EPs. The diagnosis and management are challenging. We present a well-timed and managed case of IEP. Case: The case was a 37-yr-old woman presented at the Royan Institute with chief complaint of sudden onset of pelvic pain and moderate vaginal bleeding, three weeks after her positive pregnancy test. She had got pregnant with in-vitro fertilization procedure. She was admitted for a two-dimensional ultrasound (2DUS). The 2DUS findings showed a gestational sac with live embryo and yolk sac which was located high in the fundus and eccentric to the endometrium. The suspicion of IEP rose after the 2DUS findings, the confirmation of further diagnosis was then done by three-dimensional ultrasound, and the treatment was done by laparoscopy. The patient underwent laparoscopic left cornual resection. She was discharged after two days and her β -hCG achieved complete resolution (< 5 mIU/mL) after two weeks' follow-up. Conclusion: According to the life-threatening complications that are associated with IEP, acquaintance and suspicion about IEP is important. Specified information that obtained by three-dimensional ultrasound could be useful for exact locating and detection.

کلمات کلیدی:

Pregnancy, Ectopic, Diagnostic, Ultrasound, Laparoscopic assisted surgery

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