Video Article

Laparoscopic management of an interstitial pregnancy Şeker and Elçi. Interstitial pregnancy

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Abstract

To show how interstitial pregnancy can be safely managed with a laparoscopic resection.

Introduction

We wanted to show how interstitial pregnancy can be treated with laparoscopy. Interstitial pregnancy is one of the more uncommon forms of ectopic pregnancy. It is representing only 2-4% of all ectopics (1). Mortality rate is seven fold higher than other forms of ectopic pregnancies that corresponding to 2% (2) She was admitted to our clinic with vaginal bleeding. The woman had a 7 week pregnancy at the interstitial region of the uterus. This interstitial pregnancy was able to be safely managed laparoscopically.

Total laparoscopic approach to an advanced interstitial pregnancy with several key strategies to minimize blood loss:

1. Coagulation of interstitial pregnancy and uterine junction
2. Use of grasper device to enucleate the gestational sac
3. Suture the uterine layers with vicryl sutures
4. Removing the specimen from the optical trocar with a glove bag

Interstitial pregnancies have been managed with laparotomy. We demonstrated the safe laparoscopic surgery of interstitial pregnancy with minimal instrument use and low cost. We received the ethics committee approval from the relevant manager of our hospital for this case.

References

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Figure 1. The appearance of the intestinal pregnancy by ultrasound

Figure 2. The appearance of the intestinal pregnancy by ultrasound