

체외수정 기술 후 발생한 자궁벽내 임신 1예

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Intramural Pregnancy after in vitro Fertilization and Embryo Transfer

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Intramural pregnancy is an unusual ectopic gestation located within the uterine wall, completely surrounded by myometrium and separate from the uterine cavity, fallopian tube, or round ligament. It is known to be difficult to diagnose, and associated with a high rate of uterine rupture. We report a case of intramural pregnancy in which early diagnosis was made and successful treatment was done by dilatation and curettage. Diagnostic laparoscopy confirmed the absence of uterine rupture during the procedure. Therefore, conservation of fertility can be possible with early diagnosis of intramural pregnancy. To our knowledge, this is the first case report of intramural pregnancy following IVF-ET in Korea.

Key Words: Intramural pregnancy, IVF-ET, Conservative treatment

8-13

2.2~5.8%

1

1

2,3

2-6

: O , 31

: 0-0-0-0

: 13 ,

28~

, 7 30

2004 6 28

가

가 :
 : 3 6 2004
 7
 4
 Cook catheter 5
 tenaculum
 14
 21 , 24 β-hCG 148,
 7,215, 27,347 mIU/ml 가
 3
 24
 가
 : 130/80
 mmHg, 88 /min, 20 /min, 36.8

가
 : (23)
 β-hCG 43,100 mIU/ml
 12.9 g/dL, 38.9%, 247,000/mm³,
 7,190/ mm³
 16×13 mm
 2 mm
 29
 가 hypere-
 choic
 7 mm
 (Figure 1).



Figure 1. Transvaginal sonographic finding. A midline longitudinal scan demonstrates the gestational sac (GS) with yolk sac separated from the empty endometrial cavity (EM). Arrow heads show endometrial lining.



Figure 2. Colour Doppler ultrasonography. The prominent peritrophoblastic flow (arrow heads) is demonstrated around the gestational mass.

ballooning 3D 가

blastic shell peritrophoblastic flow tropho- 가

(Figure 14,15 Yovichj 가 (high fundal tran-

2). sfer) 50 μL 가

29 가 15 95% 가

cervico-uterine junction 1 cm 가 14,16 가

가 1924 Perli 가

40 가 10

1974 2-12 가

Uterine sound 가

tract 가

(curette) 가 가

가

Maymon 2002 가

3 66 2001 10

2 13,17 가

1, 3 가

β-hCG 1670, 가

130, 34 mIU/ml 47 가

9 hystero- 1 가

scopy false tract 가 false passage

tract가

18 Hamilton 가

ET technique catheter 가

19 가

2.2~5.8% 가

2 5 가 (endometrial gland) 가 4,6 가

1 가

가 가 가

2-6

11 가 KCl

22 hyperosmolar glucose methotrexate methotrexate

가 ponade vasopressin balloon tam-

가 9,13,17

가 methotrexate

가 7,8

8-12,17 가 pressin vaso-

가 가

3 가 가 가

1

13 3D peritrophla- 가

stic flow가 가 가

ing balloon- 가

가 가 가

19 가 가 가

20 가 가

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