

## 자궁경관 및 난관에 병합된 복합 자궁외 임신 1예

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### A Case of Combined Ectopic Gestation with Cervical and Tubal Components

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Ectopic pregnancy is a common medical problem that is difficult to diagnose and potentially may lead to significant mortality or morbidity. The incidence of ectopic pregnancy is definitely increasing due to the rise in pelvic inflammatory disease (PID), pelvic surgery, intrauterine device (IUD), and assisted reproductive technologies, such as in vitro fertilization and embryo transfer (IVF-ET). Combined ectopic gestations are much rare and their true incidence is unknown. Multiple ectopic gestations may occur in a variety of locations. The majority involve one or both fallopian tubes. We report a case of combined tubal and cervical pregnancies, and discuss their management.

**Key Words:** Ectopic gestations, Combined tubal and cervical pregnancies

가 가 , key word  
(In Vitro Fertilization, 4-6  
IVF-ET) 2.4~  
12.4% 1  
1/1,000~95,000  
3.7% 1  
1.8~13.2% 2-3

: OO, 38

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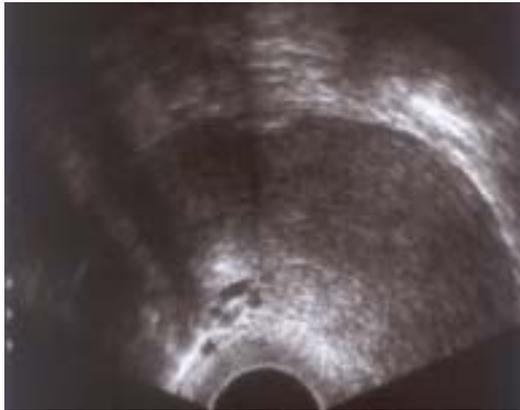
**Figure 1.** Gestational-Sac in cervix: PA 5<sup>+6</sup> weeks by mean G-sac diameter (9.2 mm) Fetal pole (+) Yolk sac (+)



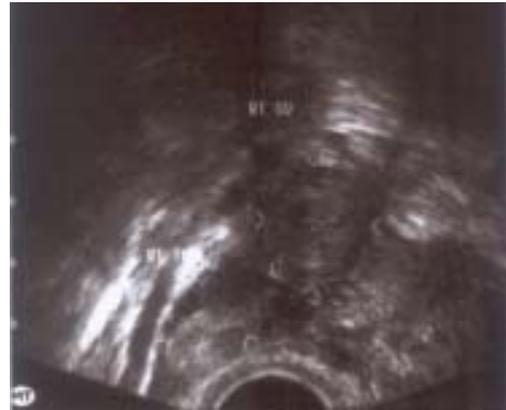
**Figure 2.** G-Sac in Rt. adnexa: PA 6<sup>+3</sup> weeks by CRL (6.0 mm) FHB (+) Yolk sac (+)

: 0-0-2-0  
 : 13 , 28~42  
 , 4~5 ,  
 : 8  
 ,  
 : 2001  
 3 19  
 hMG  
 (human menopausal gonadotropins. LG pharma, Korea)  
 protocol , hCG  
 12 hCG 5.3 mIU/mL , 19  
 67.9 mIU/mL, 26 2,330 mIU/mL  
 , 6<sup>+2</sup>  
 : 2  
 , 6.0 mm 6<sup>+3</sup>  
 , (Figure 1) 9.2 mm  
 5<sup>+6</sup>  
 (Figure 2).

metho-  
 trexate (MTX)  
 . MTX  
 . MTX (50 mg/m<sup>2</sup>/day) Folinic  
 acid (0.1 mg/kg/day) 5  
 , MTX  
 , MTX 3  
 2001 5 7 7<sup>+2</sup>  
 (litho-  
 tomy) , benzalkonium chloride  
 (Com-  
 bison 320, kretztechnik, Austria) 35 cm, 17-  
 gauge (aspiration needle; Cook Group Inc.,  
 IN, U.S.A)  
 . MTX (50 mg/m<sup>2</sup>)



**Figure 3.** Resolution state of cervical pregnancy after MTX local injection



**Figure 4.** Resolution state of rt. adnexa after MTX local injection. Fetal heart beat (-).

1  
15 , , 1  
hCG 2 8,740 mIU/  
ml 가 hCG  
14 2001 5 18 ,  
hCG 1,430 mIU/ml ,  
가 (Fi-  
gure 3, Figure 4)  
hCG 가 5 mIU/ml  
22 hCG  
49.0 mIU/ml 40  
hCG <3 mIU/ml

가 .  
10 ,  
50 ,  
(β-human chorionic gona-  
dotrophin, β-hCG)  
가 ,  
가 .  
4-6 ,  
75~85% ,  
가 가 ,

(Heterotopic pre-  
gnancy)  
600  
가  
250 가

가,  
가,  
가,  
가,  
가,





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Metrotrexate  
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