

Tubal rupture in ectopic pregnancy after methotrexate treatment with decreasing HCG levels

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Objective

To report a rare case of tubal rupture in ectopic pregnancy on the 41st day after methotrexate treatment.

Methods

case report.

Results

A 30 years old woman was diagnosed with ectopic pregnancy and β -hCG (beta subunit of human chorionic gonadotropine hormone) titer was 8696 mIU/ml. Ultrasonographic evaluation revealed a mass consistent with ectopic pregnancy in the left salpinx. She was treated with methotrexate, as outpatient treatment. Second dose of methotrexate was administered on the 7th day of treatment period, because of suboptimal β -hCG diminishing. The patient was frequently followed up. On 41st day of treatment period, she presented with an acute abdominal haemorrhage. Left salpingectomy was performed due to rupture of the posterior salpinx wall. Pathologic examination confirmed the diagnosis of ectopic pregnancy.

Conclusion

The medical management of ectopic pregnancies has a risk of emergency adverse outcome and tubal rupture can occur even long time after the treatment by otherwise promising clinical situation.

