

Exploring the Impact of Clinical Factors on Methotrexate Treatment Efficacy in Ectopic Pregnancy: A 5-Year Analysis of Patients at Our Clinic

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Introduction



Material &
Methods



Results



Conclusion



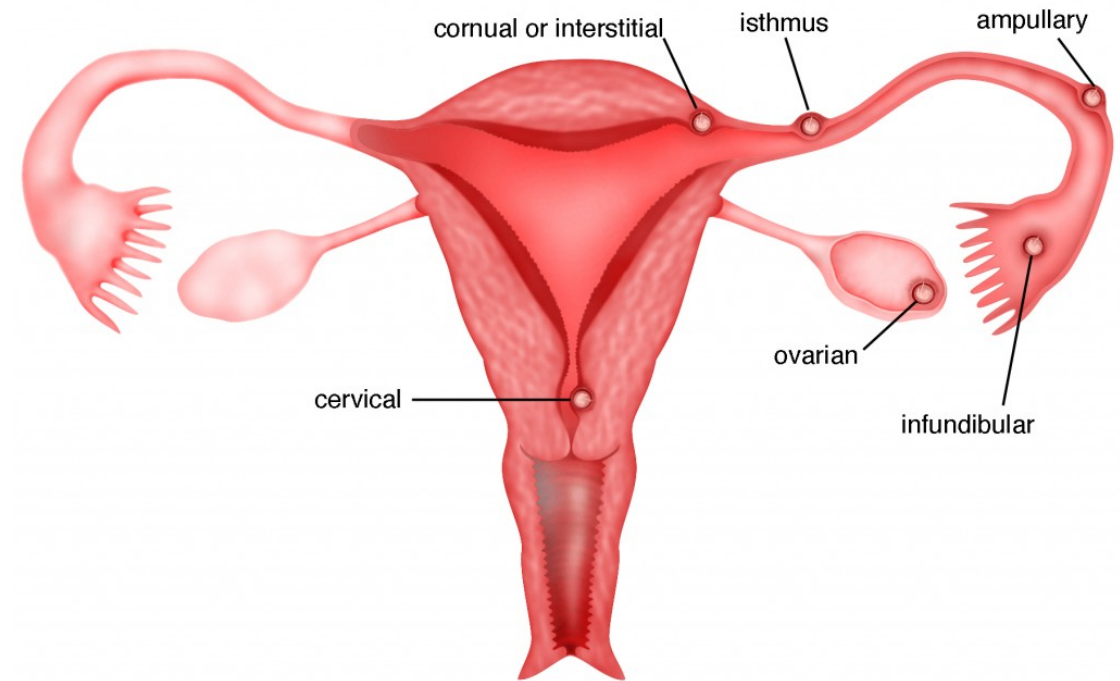
References



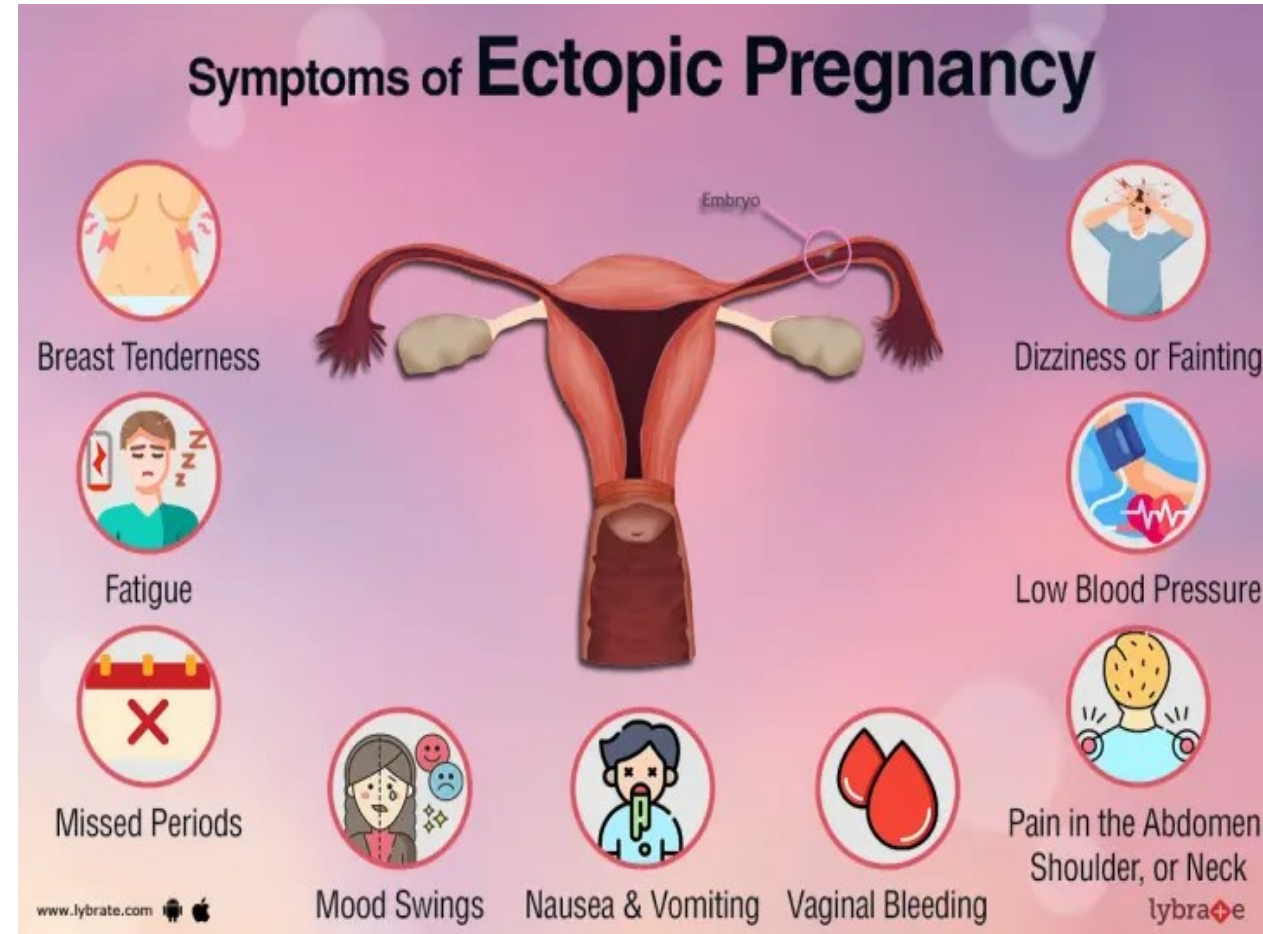
Questions

INTRODUCTION

- Ectopic pregnancy is the implantation of a fertilized ovum in any tissue other than the endometrial cavity.
- The localization of ectopic pregnancy is 95-99% tubal.
- Other localizations (ovarian, cervical, abdominal) are rare.
- Ectopic pregnancy occurs in 1% of all pregnancies.
- Risk Factors: Previous Ectopic Pregnancy, previous cesarean section, cigarette, intrauterine device, previous pelvic surgery, previous infertility treatment

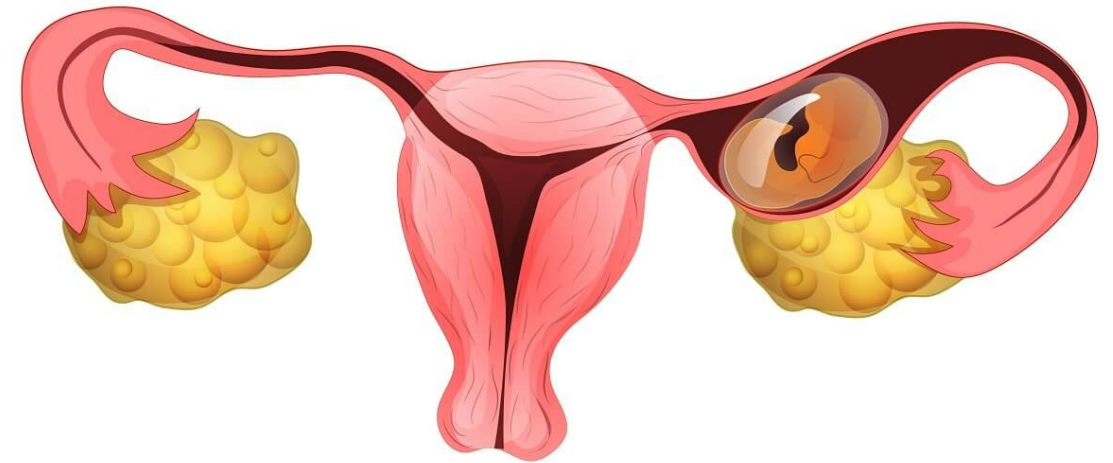


- Typical clinical findings occur 6-8 weeks after the last menstrual period.
- Symptoms:
 - Vaginal bleeding
 - Hemodynamic disturbance
 - Pain
 - Menstrual delay
- The approach to ectopic pregnancies may be follow-up, medical or surgical.



- We aimed to retrospectively analyze the treatment methods of ectopic pregnancy cases treated in our clinic in the last 5 years and to determine the success rate of medical methotrexate treatment and to evaluate the clinical factors affecting this rate.

ECTOPIC PREGNANCY

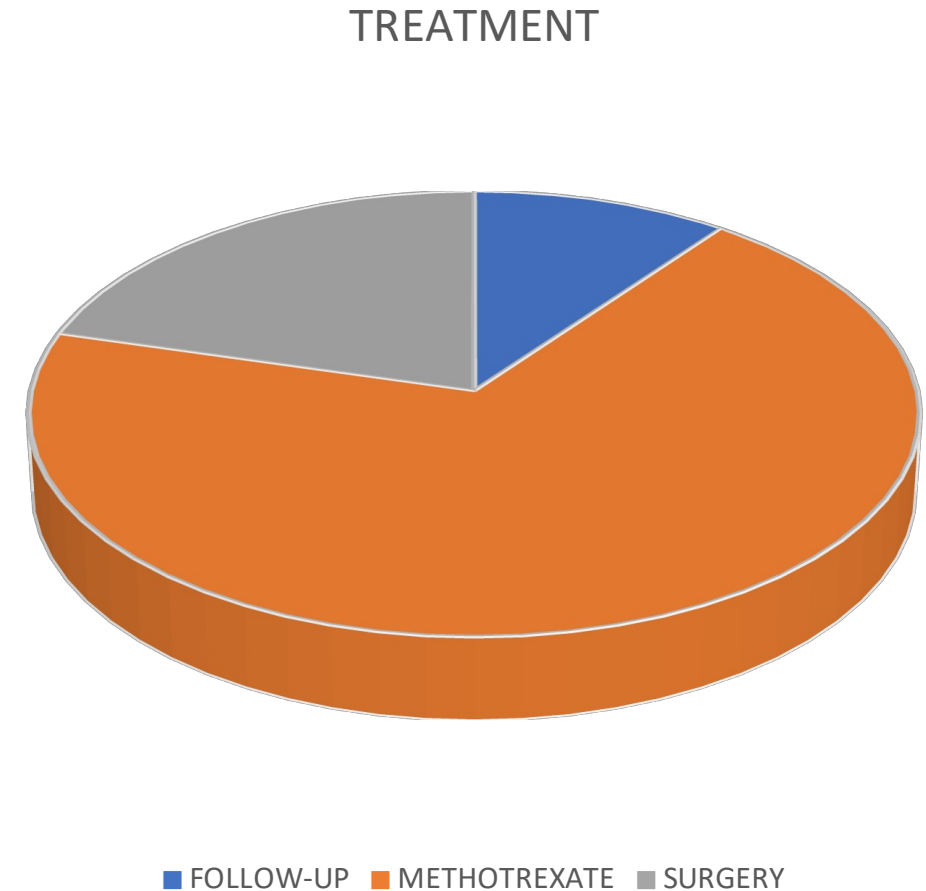


MATERIAL & METHODS

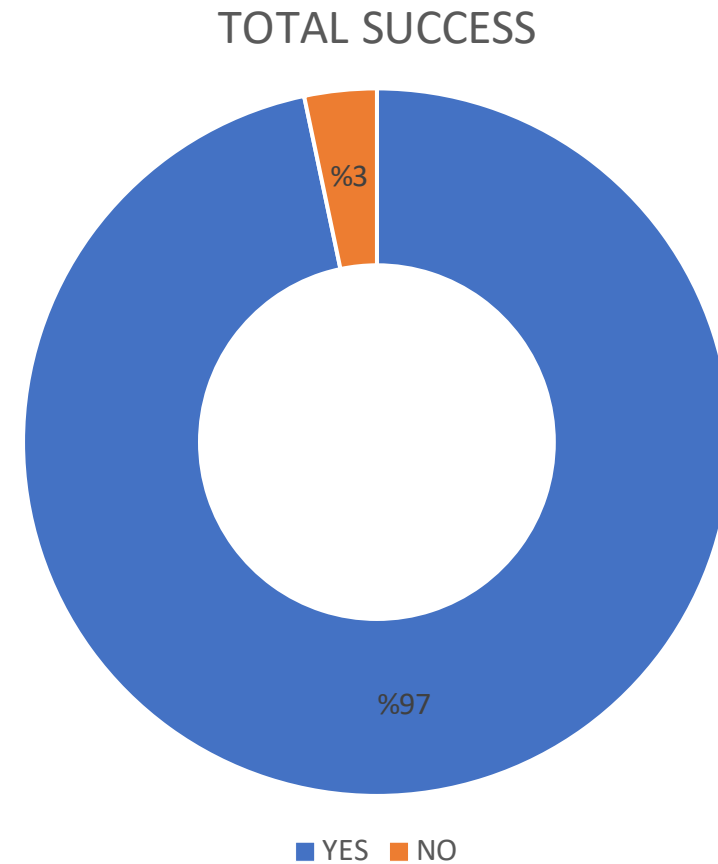
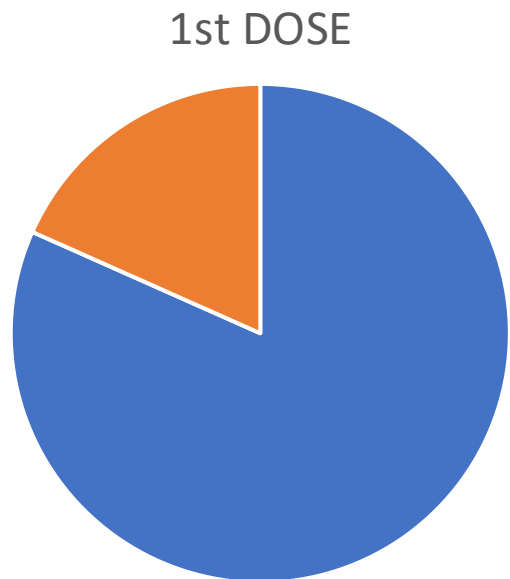
- The treatment responses of ectopic pregnancy cases who applied to the Department of Gynecology and Obstetrics of Bezmialem Vakıf University Faculty of Medicine between 2018 and 2023 evaluated retrospectively according to complaints, age, β -hCG value, risk factors and gestational age.

RESULTS

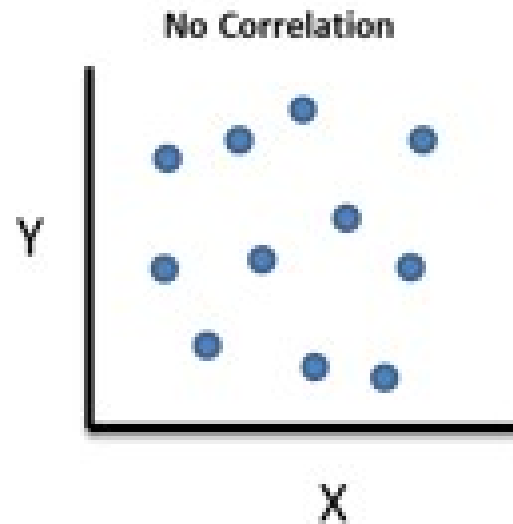
- 87 patients were included in this study.
- Follow-up was performed in 10.3% of patients, methotrexate was used in 69%, and surgery was performed in 20.7%.



- The success rate of 1st dose methotrexate treatment is 81,6%.
- The success rate of methotrexate is 96,7% in our study ($p < 0.01$).



- The most common risk factor among patients, encountered in 12.6%, is a history of previous ectopic pregnancy.
- There is no statistical significance between the success rate of methotrexate and risk factors ($p=0,582$)



CONCLUSION

- Our study results indicate that methotrexate treatment is a significant and successful option for ectopic pregnancy cases.
- Further studies are needed to confirm and support the success rate of methotrexate treatment and the risk factors influencing this rate.

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ANY QUESTION?

THANK YOU FOR YOUR
ATTENTION

