

About 35% of women with ectopic pregnancy will meet the criteria for a medicinal treatment. For these women, the treatment with variable-dose of methotrexate therapy is as effective as laparoscopic salpingectomy.

**Conclusions.** Medical treatment with methotrexate is of less efficacy than surgical treatment, but its low cost and good effect on life quality in patients, makes it a good therapeutic option in treatment of tubal ectopic pregnancy.

Although the frequency of ectopic pregnancy has increased in the last 20 years, due of modern and affordable methods of diagnosis and treatment mortality has decreased.

**Key words.** Tubal ectopic pregnancy, methotrexate, treatment.

## 156. BIRTH AFTER IVF: CAESAREAN ONLY ?

**Radu Suzana Ina, Miruna Roxana Dandu, Smaranda Elena Popa, Mihai Stanca**

Scientific adviser: Dr. Molnar Varlam Claudiu , Lecturer, University of Medicine and Pharmacy Targu Mures, No I Obstetrics and Gynecology Clinic, Targu Mures , Romania

**Introduction:** Assisted reproduction technology ( ART )represents a current problem in the treatment of couple sterility ( feminine and masculin). In vitro fertilization ( IVF ) is an advanced method within human assisted reproduction. Being fond of this issue I have initiated this study.

**Object:** The identification of birth assistance modality at the after IVF pregnant women in the casuistry of Clinica Obstetrica – Ginecologie I, Targu Mures

**Materialy and methods:** The work represents a retrospective analytical study during the period between 01.01.2013 – 31. 01.2013 on the casuistry of SCJU Mures, No I Obstetrics and Gynecology Clinic.The inclusion criteria is formed by the assisted birth at No I Obstetrics and Gynecology Clinic,Targu Mures, during birth obtained with IVF. Their report was made at the total number of birth during the year 2013, depending on some parameters: total births 2013: 1095; total births at term: 916; total premature: 179; total vaginal births: 616; total caesarean births: 479. After IVF: total births: 13; total births at term: 6; total premature: 7; total vaginal births: 1; total caesarean births: 12. Inclusion criteria: after IVF and assisted birth at No I Obstetrics and Gynecology Clinic, Targu Mures.

**Results:** From the total number of births after IVF:: 7,69 % vaginal births; 92,30 % caesarean births; 46,15 % at term; 53,84 % premature. Caesarean indications because of obstetrical causes: 6 ( 50% ) and human assisted reproduction ( IVF ): 6 (50% ). The rate of vaginal births after IVF: 7,69 % from the total number of assisted birth during the period of the study.

**Conclusions:** 1.In the study group, the caesarean birth represents a rule almost. 2. The rate of vaginal births with IVF ist lower despite the multiple services dedicated to this problem 3.The prematurity ist higher possibly because of the multiple pregnancy.