

## 26. PROFILE OF WOMEN WITH PREGNANCY ACHIEVED THROUGH IN VITRO FERTILIZATION



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**Introduction.** Pregnancy obtained through In Vitro Fertilization (IVF) has increased to 3-5% of all births worldwide. This is due to increasing infertility in couples as well as the development of fertilization techniques, which have become more affordable. Although major progress is being made in this area, the service remains quite expensive and the success of the procedure does not depend solely on medical technology.

**Aim of study.** Analysis of the profile of the women who obtained the pregnancy through the in vitro fertilization procedure.

**Methods and materials.** A retrospective study was conducted in which the profiles of 100 women with pregnancies achieved through IVF were analyzed.

**Results.** The mean age of the patients included in the study was  $33.1 \pm 4$  years. Most frequently they were from urban environment - 86%, had higher education - 67%. Primary infertility with a mean period of  $6.5 \pm 3$  years was the main cause for accessing IVF services - 69%. The participants in the study did not have a major health problem, in 86% of cases infertility was the only reason for seeking medical services. Prior to the IVF procedure, patients had multiple investigations: laparoscopies - 43% cases, hysteroscopies - 14%, tubal patency tests - 44%. The most common cause of infertility was tubal impermeability - 70% and post-intervention tubal lack - 8% cases.

**Conclusion.** Women with infertility who achieved pregnancy through IVF are those aged after 30. Fallopian tube damage remains one of the main causes of infertility, and the long period of infertility is indicative of the effort involved in achieving pregnancy.