Infertility is one of the important complications in the health and treatment of society. 10-15% of couples in the reproductive age suffer from this problem. According to kind of infertility, there are different methods for diagnosis and treatment of laparoscopy. In this study, laparoscopy was used on a method of diagnosis in infertile women and the aim of the present study determined finding of laparoscopy and correlation some of findings with age, duration of infertility, kind of infertility in referring infertile women to Rasht Alzahra hospital in 1385-1388 years. This study is a cross sectional study. Data were collected from hospital documents of 357 infertile women who were under diagnostic laparoscopy referring to Alzahra hospital in 1385-1388 years and analyzed by \( \chi^2 \) test. Result showed that 47.1% infertile women 25-35 years old, 87.1% had primary infertility and 11.5% secondary infertility. 33.6% infertile women under treatment by drug and hyster-salpingography. Majority of cases 52.7% had cauterezation in during laparoscopy. Findings of pathologic laparoscopy showed 51% left ovary and 50.4% right ovary polycystic. Also results showed statistical significant difference between age and pathologic in right and left ovarian \( (p=0.002, \ p=0.003) \). Endometriosis, ovarian cyst, and adherence in 25-35 years age group were more than the others. Pathologic problems in right and left tube were 24%, 23% respectively. Statistical significant difference between age and pathologic in right and left tube \( (p=0.025, \ p=0.036) \) and were seen in 25-35 years old. There were statistical significant difference between kind of infertility and pathologic problem in right tube \( (p=0.049) \). Using of laparoscopy important method for diagnosis of infertility is necessary and it is used the end step of diagnosis who person did not find any reason.

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**Conflict of Interest**
The authors declare no conflict of interest.

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