



# SUMMARY



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- Our study was done on 100 infertile women (either primary or secondary) of at least one year duration attending Benha University hospital.
- For all the infertile women combined hysteroscopy and laparoscopy was done after the basic infertility investigations including HSG.
- Our aim was to detect the role of combined laparoscopy and hysteroscopy and to compare the laparoscopic and hysteroscopic findings to those found by H.S.G.
- Pelvic laparoscopic findings were abnormal in 74% and normal in 26% whereas on HSG only 43% were abnormal and 57% were normal.
- By laparoscopy 69% of those normal HSG findings were proved to suffer from intrapelvic abnormalities giving false negative rate of 69% for HSG. The accuracy rate for HSG was 86% with false positive rate of 14%.
- Hysteroscopic findings in 100 infertile women showed 34% of the cases to be abnormal and 66% to be normal. Whereas on HSG, abnormal findings were found in 16% giving a false positive rate of 31% and an accuracy rate of 69%. Normal findings were found in 84% of the cases when examined by HSG, giving a false negative rate of 27%.