

Title: Fertility-enhancing hysteroscopic surgery; multi-center retrospective cohort study of reproductive outcome.

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Objective

To study hysteroscopic septoplasty and myomectomy's effect on infertility and reproductive performance.

Design

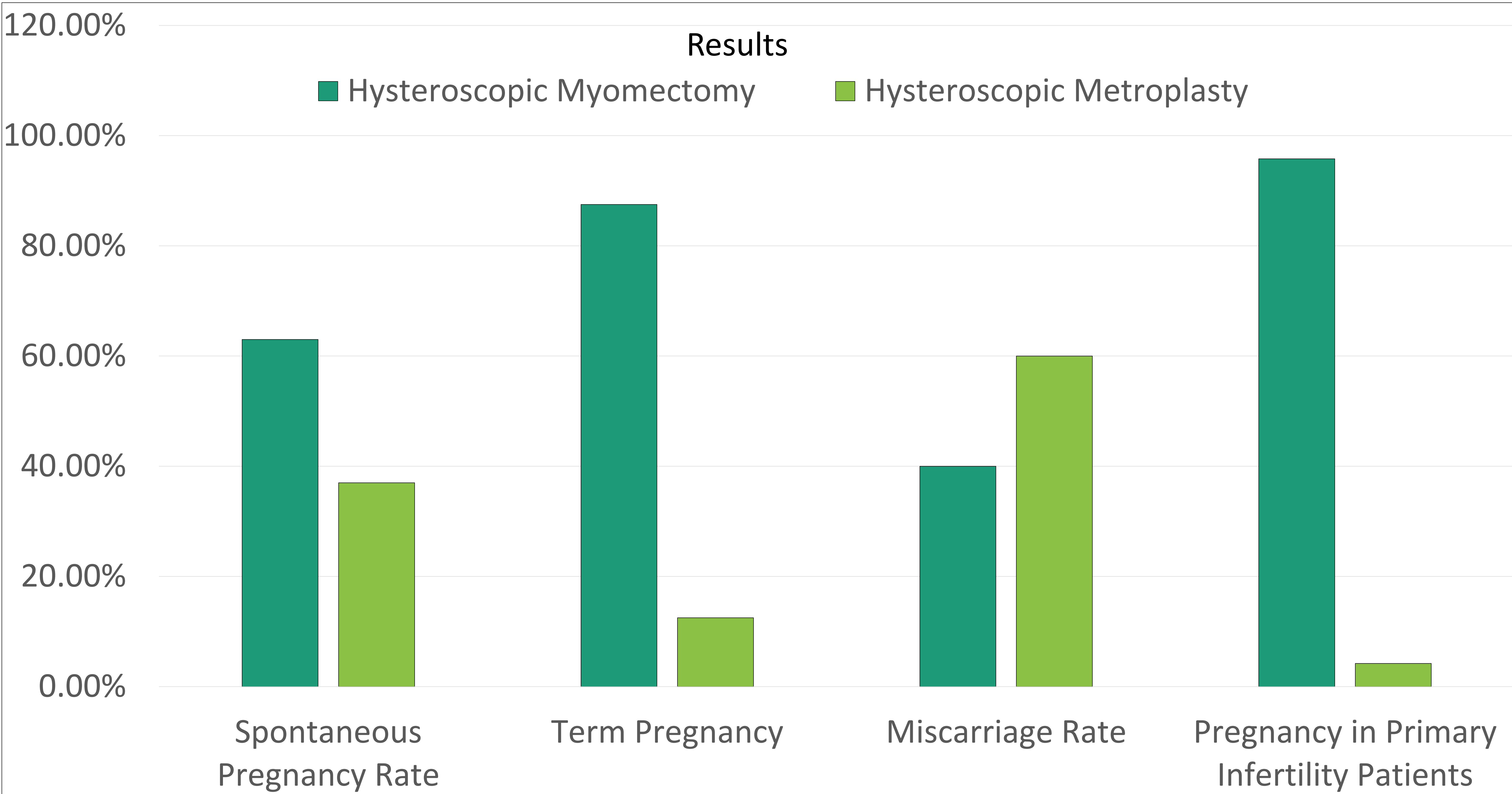
This study was a retrospective cohort study.

Method

- Patients with a minimum of 6 months' follow up were included in the study.
- Secondary data was collected from the patients' records.

Conclusions

In carefully selected patients with unexplained infertility and recurrent miscarriage, hysteroscopic myomectomy, compared with hysteroscopic metroplasty, was significantly associated with higher spontaneous pregnancy, more term pregnancies and less miscarriage rates. More than metroplasty, hysteroscopic myomectomy led to higher spontaneous pregnancies in patients with primary infertility.



- Hysteroscopic myomectomy, compared with hysteroscopic metroplasty was significantly associated with:
- Higher spontaneous pregnancy rate (63.0% Vs 37.0%, P value 0.018)
- More term pregnancies (87.5% vs 12.5%, P value 0.001)
- Less miscarriage rate (40%vs 60%, P value 0.003).