Effect of hysteroscopy combined with laparoscopy for infertility: Clinical analysis of 284 cases

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View from specialist: It is creative, and of certain scientific and educational value.

[ABSTRACT] Objective: To explore effect of hysteroscopy combined with laparoscopy for infertility. Methods: A total of 284 infertile patients received therapy under hysteroscopy combined with laparoscopy. The efficacy was observed and analyzed. Results: There were 68 cases caused by uterine factors, 190 cases by tubal factors, 122 cases by pelvic adhesions, and 60 cases by ovarian factors. Postoperative follow-up of 130 patients showed pregnancy rate was over 27.69%, recanalization rate was 84.71% at umbrella and ampullary, which was significantly higher than that at interstitial and isthmus (7.14%, 15.00%, respectively) ($P<0.05$). The total pregnancy rate was 28%, and 45% in patients without tubal obstruction, significantly higher than that of patients with blocked fallopian tubes (20%) ($P<0.05$). Conclusions: Surgery under hysteroscopy and laparoscopy is effective in treating infertility. It is helpful tool for examination and treatment, especially for patients with pelvic adhesions and distal tubal obstruction.

[KEY WORDS] Infertility; Hysteroscopy; Laparoscopy