Application of hysteroscopy combined with laparoscopy for treatment of gynecological and obstetrical diseases

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

[ABSTRACT] Objective: To investigate the effect of combined hysteroscopic and laparoscopic surgery on gynecological and obstetrical disease. Methods: Clinical data of 240 cases admitted from September 2008 to September 2010 were analyzed retrospectively. All patients had gynecological and obstetrical diseases such as unexplained dysfunctional uterine bleeding, infertility, pelvic pain, pelvic mass. They were divided into three groups, control group A1 (laparoscopic group), control group A2 (hysteroscopic group) and the observation group B (hysteroscopy combined with laparoscopy group). The cure rate was observed and compared between groups. Results: The cure rate was 61.25% (49/80) in control group A1, 66.25% (53/80) in control group A2, and 93.75% (75/80) in group B. There was significant difference in cure rate between control groups and observation group (P<0.01). Conclusions: Combined application of hysteroscopy and laparoscopy can greatly increase the cure rate, effectively relieve pain in treatment of obstetrics and gynecology disease, and it is worthy clinical application.

[KEY WORDS] Hysteroscopy; Laparoscopy; Obstetric and gynecological disease