Total laparoscopic hysterectomy using spatula for uterine manipulator

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목적: The aim of this study is to evaluate the feasibility and safety of using spatula for total laparoscopic hysterectomy (TLH).

방법: The medical records of 18 patients who underwent TLH using spatula and 50 patients (control group) who underwent TLH using RUMI manipulator from May 2007 to September 2008 at Yonsei University Health System, Seoul, Korea, all of which performed by a single surgeon were retrospectively reviewed. The operative parameters including perioperative complications, length of surgery, estimated blood loss, and duration of postoperative hospital stay were compared.

결과: The perioperative complications occurred in 2 patients (11.1%) in spatula group and in 4 patients (8%) in RUMI group (P=0.652). The median length of surgery in spatula group was comparable with that of RUMI group (86 min, range: 53–108 min Vs 76 min, range: 42–151 min, P=0.317). The median estimated blood loss (125 mL, range: 50–300 mL Vs 100 mL, range: 50–600 mL, P=0.830) and duration of postoperative hospital stay (3 days, range: 3–7 days Vs 4 days, range: 3–7 days, P=0.099) were similar between groups.

결론: For incapable or difficult cases to use RUMI manipulator, use of spatula for uterine manipulator in TLH may be safe and feasible.