

Laparoendoscopic single-site myomectomy with application of fibrin sealant.

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Abstract:

We report a case of LESS (Laparoendoscopic single-site surgery) myomectomy with application of fibrin sealant. Patient and Methods: A 32 year-old multipara,G3P1, came to our department due to progressive abdominal fullness and palpable abdominal mass. This woman's medical history was unremarkable. Physical examination showed a palpable mass as 18 weeks of gestational age. Transabdominal sonography revealed three myomas and 9.6 x8 .6cm in size. Tumor marker was within the normal range. (CA 125: 28.2 U/mL) The patient underwent LESS myomectomy with application of fibrin sealant. Results: The patient had an uneventful postoperative recovery and discharged from the hospital on postoperative day 2. The final pathology was uterine myoma. Conclusions: LESS is an advanced minimal invasive surgery. The advantage is minimal surgical wound and faster recovery. The application of fibrin sealant during LESS myomectomy may reduce intraoperative bleeding effectively and obtain rapid healing of the injured surface.