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Clinical Technique

Single Port Laparoscopic-Assisted Ovariohysterectomy in Three Rabbits

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Abstract

Single incision laparoscopic surgery (SILS) involves only a single 2-3 cm incision in the ventral midline of the patient with entry of the port, particularly the foam SILS™ Port multiple access port. This type of minimally invasive surgery (MIS) surgery with use of only one port and a controlled Hasson approach provides decreased risk of iatrogenic abdominal viscera penetration. This SILS™ Port (Covidien, Medtronic, Minneapolis, MN) also allows easy transition of instruments, telescope, and bipolar electrocautery devices amongst the 3 built-in cannulae for ideal triangulation for each side of the patient. In these 3 cases, the body wall incision length was reduced as compared to an open technique, involved fewer incisions as compared to a multiple port access technique, and subjectively proposed less risk to the cecum with the foam port. The median surgery time was 50 minutes (45-55 min), and no intra-operative or immediate post-operative complications were encountered in this series.

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