



ERGONOMICAL TECHNIQUE FOR LAPAROSCOPIC VENTRAL HERNIA DEFECT CLOSURE

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Abstract:

Laparoscopic repair is today's standard of care for ventral hernia. With increasing advances, different techniques and theories have been put forth to improve the intra and post-operative outcomes of ventral hernia repair. We describe an ergonomically suited technique for ventral hernia defect closure prior to mesh placement with added advantage of ease of performing and reduction in surgical duration and stress on the surgeon. In our modification, we combine the advantages of open and laparoscopic method. Surgery commences with a mini incision, opening the hernia sac with release of adhesions by finger dissection and laparoscopic port placement followed by defect closure by open technique under laparoscopic guidance using loop prolene. This is followed by laparoscopic intraperitoneal mesh placement. This is a prospective observational study done from March 2017-Nov 2019, to evaluate the outcome of patients who underwent this modified repair. 35 patients were operated for paraumbilical/ventral/incisional hernia. Parameters measured - duration of surgery and number of days in the hospital. No recurrences. This modified technique was easy to perform; adhesiolysis was relatively easier with less complications, with lesser operating time. We recommend this modified technique of laparoscopic ventral hernia repair, as it reduces the physical stress on the surgeon and the assistant, reduces surgery duration and also improves the repair by restoring the anatomical continuity without any disadvantage to the patient.



Biography:

1. Dr. Nanda Rajaneesh, an eminent Surgeon, endowed with rich and diverse experience and distinguished academic record, has established herself as a Specialist in Breast surgery, Minimal invasive Gastrointestinal surgery(Laparoscopy) and Surgical Oncology. She has acquired many degrees through extensive training in surgical field and is member of royal college of surgeons She also trained many surgeons in medical institutions, technical skills to many surgeons in the country through workshops Her keen interest in Cancer Surgery prompted her to seek further specialization and training in GI Surgical Oncology from the prestigious Tata Memorial Institute Mumbai and from Heidelberg University Hospital. She worked in breast cancer Unit in Tata hospital Mumbai.

6 th International Surgery and Surgeons Meet | August 20-21, 2020 | Osaka, Japan

Citation: Nanda Rajaneesh; ERGONOMICAL TECHNIQUE FOR LAPAROSCOPIC VENTRAL HERNIA DEFECT CLOSURE-India; Surgeons Meet 2020; August 20, 2020; Osaka, Japan.