

English Abstract Session

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[E1] English Abstract Session 1 Surgical outcome

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[E1-2] Laparoscopic Anterior Resection in Elderly Patients: Short-term Outcomes in a District Hospital

Likana Pattanapongsa (Miss)

Background:

Laparoscopic anterior resection (LAR) is widely accepted as a standard treatment for colorectal cancer. However, data on its short-term outcomes in elderly patients treated at district hospitals remain limited. This study aims to evaluate the short-term surgical outcomes of LAR in elderly patients at a 200-bed district hospital.

Methods:

A retrospective review was conducted of patients aged 65 years and older who underwent LAR at Takua Pa Hospital, Phang Nga, Thailand. Data collected included patient demographics, length of hospital stay, postoperative complications, conversion to open surgery, and 30-day readmission rates.

Results:

A total of 41 elderly patients were included. The mean length of hospital stay was 12.1 days. The postoperative complication rate was 22%, while the conversion rate to open surgery was 12.2%. The 30-day readmission rate was 7.3%. Most complications were minor and managed conservatively.

Conclusions:

Laparoscopic anterior resection in elderly patients can be performed safely in a medium-sized district hospital, with acceptable rates of complications and readmissions. These findings support the feasibility and safety of minimally invasive colorectal surgery for elderly patients in community hospital settings.