

Investigation of Enhanced Recovery After Surgery Protocol Outcome on Post Colectomy Patients

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Abstract : Background An enhanced recovery after surgery (ERAS) protocol was implemented to improve quality and cost effectiveness of surgical care in elective colorectal procedures. Results A total of 109 patients, 55 (pre-ERAS) and 54 (post-ERAS) are included in the final analysis. There were no differences in complications were recorded ($p = 0.37$) and 30-day readmissions ($p = 0.785$). The mean hospital stay was 5.89 ± 2.62 days in pre-ERAS and 4.94 ± 2.27 days in post-ERAS group which was statistically significant ($p = 0.047$). Conclusions An ERAS protocol for colorectal surgery harmonised perioperative care and decreased length of stay.

Keywords : 30-day readmission, length of stay, Enhanced Recovery after surgery, Surgical site infection

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