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Submitting author: Dr Anthony NJO
Post title: Consultant, UCH, KEC

Colorectal Enhanced Recovery After Surgery (ERAS) Programme, United Christian Hospital improve the patient outcome undergo colorectal surgery
Njo Kui Hung Anthony(1)Joeng Kin Ming, Henry(2)Chow Tam Lin(2), Lim Huey Sing(1)Janice Hung (1)Yeung K L(2), Chan Lok Lam (2) Kok S Y(2) Lam CP(2) Lau So Ying(2), Eric Wong (3), Ng Pui Ling(3), Harriet Lo (3), Peggy Li (4)Catherine Quan (4), Echo Chan (4),
(1) Department of Anaesthesiology and Pain Medicine, United Christian Hospital (2) Department of Surgery, United Christian Hospital (3)Department of Physiotherapy, UCH (4) Department of Dietetics, UCH (5) Medical social worker, UCH (6)CNS, UCH (7) OR serv

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Introduction
Colorectal Enhanced Recovery After Surgery (ERAS) Programme, United Christian Hospital was established to improve the patient outcome undergo colorectal surgery.

Objectives
1. Enhance patient recovery after colorectal surgery
2. Advanced patient readiness for discharge and shorten hospital stay
3. Reduce perioperative complications
4. Reduce perioperative transfusion

Methodology
Methodology
Clinical Pathway and Protocols
Multidisciplinary Colorectal ERAS team was formed in June 2016, including doctors of anaesthesia, and surgery, nurses from Surgery, OR, SOPD, Community Nursing Service, and allied health from Dietetics, Physiotherapy and Medical Social Workers. Evidence based protocol and clinical pathway were discussed and written up. The clinical pathway starts from the time when patient agreed for surgery and ends when they are discharged from hospital after surgery. Enhanced recovery are achieved by comprehensive medical, physical and nutritional optimization, minimal invasive surgical technique, better pain management, rehabilitation program after surgery. The programme started at December, 2016.

Patient education and empowerment
Every patients planned for elective colonic and rectal surgery will attend education session led by surgical cancer case manager, dietitian and physiotherapist. Patients
and their family, through education video and discussion with our professionals, are empowered and motivated to prepare themselves for surgery by adopting varies strategies such as smoking & drinking cessation, nutrition supplement, pre-habilitation exercise etc.
Reduction of unnecessary hospital stay due to social issues
Early detection of discharge issues after surgery are achieved at the time when patient agree for surgery and early admission period. And these patients were referred to MSW for early arrangement of postop short term old age home placement and other social support.

**Result**
According to SOMIP 2015/16 and 2016/17 report, the postoperative median LOS reduced from 11 days to 8 days. The morbidity rate slightly increase from 15.6 to 18.9% but remained lower than HA average of 22.1%. Of those, the rate of UTI and anastomotic leakage shows reduction from 1.1% to 0.6% and 1.9% to 0.6 % respectively.