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Assessment of preoperative malnutrition as a risk factor for postoperative mortality and morbidity in colorectal cancer surgery

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Nutritional status is an important factor in prediction of the risk associated with surgery, especially colorectal cancer surgery. Many malnutrition assessments are adopted in clinical practice but no particular malnutrition assessment was included as risk factors in ACS-NSQIP Surgical Risk Calculator. Based on the validated ACS-NSQIP database, this is a retrospective and multi-institutional study investigating malnutrition rate and its association with postoperative mortality and morbidity in colorectal cancer surgery. The logistic models of predicting postoperative outcomes presented more accurate estimation after statistic validation. Malnutrition, which can be corrected before and after operation, should be assessed and considered as a surgical risk factor of colorectal cancer surgery.

Biography

Wan-Hsiang Hu has completed his MD in 1997 from National Taiwan University and Resident training from Kaohsiung Chang Gung Memorial Hospital, Taiwan. He was a Visiting Scholar from 2013 to 2015 in Moores Cancer Center of University California, San Diego, USA.

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