

Transanal Total Mesorectal Excision - A Case Report

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Abstract

Transanal total mesorectal excision (TaTME), first introduced in 2010, represents a relatively new approach in the surgical treatment of rectal cancer. A case of a 65-years-old patient diagnosed with moderately differentiated adenocarcinoma of the middle rectum (cT2N0M0) is presented. Taking into consideration patient's characteristics and tumour features, the surgical team decided to use transanal total mesorectal excision technique. The surgical technique, as well as potential postoperative complications and oncological issues are discussed in the article. Patient selection and extensive experience in minimally invasive colorectal surgery are the bases for an optimal technique implementation. Although further studies are required in order to confirm its superiority over the laparoscopic total mesorectal excision, TaTME seems to be a safe and feasible option in the surgical approach of rectal cancer.

Key words: transanal total mesorectal excision, TaTME, rectal cancer, total mesorectal excision