

ICS-Czech Joint Symposium

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[ICS] ICS-Czech Joint Symposium Various Approaches in Colorectal Surgery

Moderator: Kotaro Maeda (Oumeimai Hospital), Karel Novák (Czech section of ICS / 1st World Vice President of ICS)

[ICS-3] TaTME and its use in the treatment of low - lying rectal tumors

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Our experience and presentation of results with Transanal total mesorectal excision in the treatment of selected low - lying rectal tumors.

Methods : We analyzed the results for the period 2019 - 2024 using the Gel point platform, laparoscopic technic with stapler or coloanal anastomosis. We focused on complications, histological results and oncological radicality of this procedure.

Results : The TaTME technique was used in 17 cases. 14 men and 3 woman. The average age was 67 years. Stapler anastomosis was used in 6 cases, coloanal anastomosis in 11 cases. The average distance from the anocutaneous line was 4 cm. The final histology contained only adenocarcinoma. There was one positive margin found at one of the cases. The average number of lymph nodes found was 18. Three cases had positive nodes. There was 41 % of postoperative morbidity and 0% of mortality. Two patients have terminal colostomy and two patients ileostomy as definitive solution.

Conclusion : Transanal total mesorectal excision TaTME is a modern technique for managing rectal tumors. It is technically demanding and requires a longer learning curve. However, in the hands of an experienced colorectal surgeon, it offers in selected patients the hope of precise treatment of rectal cancer and significantly reduces the rate of permanent stoma, while also improving oncological outcomes.

Key words : transanal - mesorectal excision - laparoscopic technic - stapler or coloanal anastomosis