



ADMISSION TO DOCTORAL STUDIES

Session September 2022

Field of doctoral studies: Medicine

Doctoral supervisor: Professor Ioan SCÂRNECIU, MD. PhD

TOPICS FOR THE ADMISSION TO DOCTORAL STUDIES

TOPIC 1: Colorectal tumors with invasion into the genital area

Content / Main aspects to be considered - Anatomy of the abdomen and pelvis. Classification of digestive tumors. Symptomatology in colorectal tumors and tumors with invasion in the genital sphere. Diagnostic methods. The importance of imaging in establishing their management.

Recommended bibliography:

Yamada K, Saiki Y, Takano S et al. Long-term results of intersphincteric resection for low rectal cancer in Japan. Surg Today 2019; 49: 275-285.

Rullier E, Denost Q, Vendrely V et al. Low rectal cancer: classification and standardization of surgery. Dis Colon Rectum 2013; 56: 560-567.

Wibe A, Syse A, Andersen E et al. Oncological outcomes after total mesorectal excision for cure for cancer of the lower rectum: anterior vs. abdominoperineal resection. Dis Colon Rectum 2004; 47: 48-58.

Marr R, Birbeck K, Garvican J et al. The modern abdominoperineal excision: the next challenge after total mesorectal excision. Ann Surg 2005; 242: 74-82.

Nagtegaal ID, van de Velde CJ, Marijnen CA et al. Low rectal cancer: a call for a change of approach in abdominoperineal resection. J Clin Oncol 2005; 23: 9257-9264.

Shihab OC, Brown G, Daniels IR et al. Patients with low rectal cancer treated by abdominoperineal excision have worse tumors and higher involved margin rates compared with patients treated by anterior resection. Dis Colon Rectum 2010; 53: 53-56.

Holm T, Ljung A, Haggmark T et al. Extended abdominoperineal resection with gluteus maximus flap reconstruction of the pelvic floor for rectal cancer. Br J Surg 2007; 94: 232-238.

West NP, Finan PJ, Anderin C et al. Evidence of the oncologic superiority of cylindrical abdominoperineal excision for low rectal cancer. J Clin Oncol 2008; 26: 3517-3522.

West NP, Anderin C, Smith KJE et al. Multicentre experience with extralevator abdominoperineal excision for low rectal cancer. British Journal of Surgery 2010; 97: 588-599.

Buchs NC, Kraus R, Mortensen NJ et al. Endoscopically assisted extralevator abdominoperineal excision. Colorectal Dis 2015; 17: O277-280.

van Oostendorp SE, Roodbeen SX, Chen CC et al. Transperineal minimally invasive APE: preliminary outcomes in a multicenter cohort. Tech Coloproctol 2020; 24: 823-831.

Hasegawa S, Okada T, Hida K et al. Transperineal minimally invasive approach for extralevator abdominoperineal excision. Surg Endosc 2016; 30: 4620-4621.

Hamabe A, Okita K, Nishidate T et al. Transperineal minimally invasive abdominoperineal excision for rectal cancer based on anatomical analysis of the muscular structure. Asian J Endosc Surg 2021. Online ahead of print.

Hasegawa J, Nishimura J, Mizushima T et al. Neoadjuvant capecitabine and oxaliplatin (XELOX) combined with bevacizumab for high-risk localized rectal cancer. Cancer Chemother Pharmacol 2014; 73: 1079-1087.

Hata T, Takahashi H, Sakai D et al. Neoadjuvant CapeOx therapy followed by sphincter-preserving surgery for lower rectal cancer. Surg Today 2017; 47: 1372-1377.

Kamiya T, Uehara K, Nakayama G et al. Early results of multicenter phase II trial of perioperative oxaliplatin and capecitabine without radiotherapy for high-risk rectal cancer: CORONA I study. Eur J Surg Oncol 2016; 42: 829-835.

Kudo T, Takemasa I, Hata T et al. A phase I study of neoadjuvant capecitabine, oxaliplatin, and irinotecan (XELOXIRI) in patients with locally advanced rectal cancer. Oncology 2019; 97: 211-216.

Uehara K, Hiramatsu K, Maeda A et al. Neoadjuvant oxaliplatin and capecitabine and bevacizumab without radiotherapy for poor-risk rectal cancer: N-SOG 03 Phase II trial. Jpn J Clin Oncol 2013; 43: 964-971.

Schrag D, Weiser MR, Goodman KA et al. Neoadjuvant chemotherapy without routine use of radiation therapy for patients with 718 Journal of Gastrointestinal Surgery (2022) 26:713–719 1 3 locally advanced rectal cancer: a pilot trial. J Clin Oncol 2014; 32: 513-518.

Hashiguchi Y, Muro K, Saito Y et al. Japanese Society for Cancer of the Colon and Rectum (JSCCR) guidelines 2019 for the treatment of colorectal cancer. Int J Clin Oncol 2019; 25: 1-42.

Battersby NJ, How P, Moran B et al. Prospective validation of a low rectal cancer magnetic resonance imaging staging system and development of a local recurrence risk stratification model: the MERCURY II study. Ann Surg 2016; 263: 751-760.

How P, West NP, Brown G. An MRI-based assessment of standard and extralevator abdominoperineal excision specimens: time for a patient tailored approach? Ann Surg Oncol 2014; 21: 822-828.

Prerequisites / Remarks: *to be adapted/ completed/ deleted*

Doctoral supervisor,

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