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Resumo Vídeo

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Tipo
Vídeo

Título
Robotic-assisted Right Colectomy with Complete Mesocolic Excision: A Technical Standardization of the Medial-to-Lateral Approach, Step-by-Step

Introdução
Minimally invasive surgery has become the gold-standard for right colon cancer, offering faster recovery, shorter hospital length of stay, less intraoperative blood loss and oncologic outcomes comparable to open surgery. Robotic platforms add further benefits, including stable and dexterous instrument control, three-dimensional visualization, precise dissection and the possibility of remote operation.

Material e Métodos
Clinical case and surgical video presentation.

Resultados
A 81-year-old woman with ascending colon adenocarcinoma underwent a robotic right hemicolectomy using a medial-to-lateral approach. Medial dissection exposed the ileocolic pedicle and progressed along embryologic planes to the superior mesenteric axis, with ligation of the ileocolic vessels and the right branch of the middle colic (D2 lymphadenectomy). Lateral mobilization preserved the duodenum and pancreatic head, and the hepatic flexure was released. The ileum and transverse colon were divided with staplers, and an intracorporeal side-to-side ileocolic anastomosis was created. The specimen was extracted suprapubically. No surgical complications were reported.

Discussão
Robotic-assisted medial-to-lateral right hemicolectomy is a safe and effective technique, combining the advantages of MIS with refined vascular and mesocolic dissection. It represents a valuable evolution in the minimally invasive treatment of right colon cancer.

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