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TÍTULO: Perioperative chemotherapy in advanced gastric cancer - 4 years of experience in an institution

OBJECTIVO/AUTORES: Advanced gastric cancer has a poor prognosis. Multimodal therapy, namely perioperative chemotherapy, has been tested with improvement in overall survival. The authors present 4 years of experience with perioperative chemotherapy in advanced gastric cancer in one institution.

MATERIAL E MÉTODOS: A total of 43 patients with advanced gastric cancer (excluding esophageal and gastroesophageal junction) diagnosed between January of 2012 and December of 2015 were selected to perioperative chemotherapy (3 cycles + surgery + 3 cycles). Clinical process data was retrospectively analysed.

RESULTADOS: 43 patients with advanced gastric cancer were identified, 31 male (72%) and 12 female (28%), with an average age of 62 years. 37 (86%) patients initiated preoperative chemotherapy and were fit to surgery, but only 31 (72%) had resectable disease. 3 patients are on preoperative chemotherapy and other 3 postoperative chemotherapy. 24 (56%) patients have completed the postoperative chemotherapy. Of these, 18 (75%) patients are disease free with an average follow up of 17 months after surgery. The overall survival is 70% with an average follow up of 15 months.

DISCUSSÃO: The perioperative chemotherapy approach as described in MAGIC trial has been accepted in Europe as standard for advanced gastric cancer. In our cohort the number of patients which completed chemotherapy is superior (56% vs 42%). Patient selection, tumor localization, type of resection and lymphadenectomy may be related with treatment response and improved results.

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