Esophageal and Gastric Cancer Initiative

ABSTRACT ID: EG1348641

TÍTULO: Esophageal cancer: the trimodal approach in a medium-volume multidisciplinary unit

OBJECTIVO:

INTRODUÇÃO: Esophageal cancer is a devastating disease. Neoadjuvant Chemo-Radiotherapy (CRT) aims to reduce the bulk of the primary tumor before surgery in order to facilitate higher curative resection rates, achieve better locoregional control and prevent micrometastasis. We present the results of a trimodal approach performed by a medium-volume multidisciplinary unit.

MATERIAL E MÉTODOS: We performed a retrospective review of 37 consecutive patients who received esophagectomy after neoadjuvant CRT between March 2003 and March 2016 at our unit. The following data was analysed: tumor location and histology, cTNM and ypTNM staging, pathological response (pR), resectability, perioperative morbidity/mortality and survival rates.
RESULTADOS: Most of the tumors were located in the distal third (68%). Squamous cell carcinomas were more prevalent (70%) and patients presented with more advanced advanced stages (cTNM Stage III 76%). An average of 20 lymph nodes was resected per patient. 43% of patients had positive lymph nodes after resection. R0 resection was achieved in 89% of patients. Positive pR was achieved in 78% of patients, with 22% of complete pR. Positive clinical response rates were found in 58% of cases. 30-day mortality was 11%. Overall survival at 3y and 5y was 32% and 16% respectively.

DISCUSSÃO: Our data reinforces the evidence that CRT contributed to tumor shrinkage, leading to higher resectability rates and longer survival. The trimodal approach offers promising results even in smaller multidisciplinary units.

HOSPITAL: Centro Hospitalar Lisboa Central, EPE
SERVIÇO: Unidade Funcional de Patologia Esófago-Gástrica
AUTORES: Diogo Carrola Gomes, Caldeira Fradique, Luísa Quaresma, Guedes da Silva, Guadino Silva, Sacadura Fonseca, Lígia Costa, Mário Oliveira, Jorge Esteves, Mateus Marques, Gonçalo Fernandez
CONTACTO: Diogo Carrola Gomes
EMAIL: carrolagomes.md@gmail.com