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TÍTULO: Complete pathological response after preoperative chemotherapy: a case report

OBJECTIVO/INTRODUÇÃO: The standard of care for treatment of locally advanced gastric cancer is neoadjuvant or perioperative chemotherapy which may be administered as a mean of “downstaging” a locally advanced tumor prior to an attempt of curative resection. Various combinations of drugs have been evaluated in several trials. Clinical response rates and complete pathological response have ranged 0% to 15%.

RESULTADOS: We report on a case of a 66-year-old male with gastric adenocarcinoma achieving pathological complete response after perioperative chemotherapy with Epirubicin, Oxaliplatin, and Fluorouracil (EOX). He had been submitted a partial gastrectomy for a peptic ulcer 20 years ago and was admitted to our hospital with complaints of asthenia and upper GI bleeding. He underwent esophagastroduodenoscopy, which revealed a ulcerated gastric neoplasia in the cardia. The biopsy was compatible with adenocarcinoma. Further workups with thoracoabdominal computed tomography staged his cancer as T3N1M0. He received 3 cycles of EOX without significant toxicity. Afterwards, he underwent curative surgery after 6 weeks consisting of degastrogastrectomy with extended D2 lymph node dissection and a Roux-en-Y esophagojejunostomy. On microscopic examination, no tumor cells were detected neither in the specimen nor in the 22 regional lymph nodes resected.

DISCUSSÃO: There are a few related cases in the literature of complete pathological response but not with this regimen, which makes this case interesting and a window of hope.

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