INTRODUÇÃO:

ABSTRACT ID: EG1903436

RESULTADOS:

ABSTRACT ID: EG2300649

OBJECTIVO:

MATERIAL E MÉTODOS:

CONTACTO:

TÍTULO:

EMAIL:

Data were analyzed from all esophageal cancer patients who underwent neoadjuvant chemoradiotherapy and curative surgery. A similar association has been described for leakage of an intrathoracic anastomosis after esophageal cancer resection. The aim of this study was to evaluate the risk for tumor recurrence in relation to leakage of a cervical anastomosis after esophageal cancer resection. The association between cervical anastomotic leakage and tumor recurrence was used to identify independent risk factors for tumor recurrence.

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Gastric cancer and adjacent nontumor samples from 40 patients with primary gastric adenocarcinoma were studied. LRRC37A2 and SNORD42B are possible tumor suppressor genes that were previously identified by cDNA microarray analysis comparing Decitabine-treated and nontreated gastric cancer cell lines. Among the upregulated genes identified by this methodology, LRRC37A2 and SNORD42B were selected for further analyzes. Snord42b expression was detected by reverse transcription PCR and DNA methylation analysis in gastric cancer tissues using semiconductor sequencing such as Decitabine (5-AZA), may offer new possibilities for targeted deep DNA methylation analysis in gastric cancer patients with lymph node metastasis, as the higher LRRC37A2 promoter methylation was associated with tumors of patients with lymph node metastasis, while higher SNORD42B methylation and mRNA levels in gastric cancer tissues were associated with tumors of patients without lymph node metastasis. Our preliminary results detected no correlation between LRRC37A2 mRNA and methylation levels.

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37