Adjuvant chemoradiotherapy in advanced gastric cancer. Experience in 168 patients Radioquimioterapia adyuvante en cáncer gástrico completamente resecado: Experiencia del Instituto Nacional del Cáncer de Chile

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Background: Gastric cancer is one of the most lethal tumors in the Chilean population. Aim: To report the results of adjuvant chemoradiotherapy in advanced gastric cancer. Material and Methods: Review of medical records of patients with locoregionally advanced gastric cancer, subjected to a curative resection and treated with adjuvant chemoradiotherapy. The treatment was based on the INT 0116/SWOG protocol, which includes 5-fluorouracil as a single agent. Patients were followed for a median of 58 months. Results: the records of 168 patients (99 men) treated between 2004 and 2011, were reviewed. Median survival was 41 months. Median lapses between surgery and onset of chemo and radiotherapy were 12 and 17 weeks, respectively. Overall three and five years survival was 53 and 41%, respectively. On multivariate analysis the factors associated with a lower survival were an antral location of the tumor, presence of signet ring cells and more than 15 involved lymph nodes. Conclusions: Three a