The role of Computed Tomography in gastric cancer post-surgical complications and it is included in Grade 3 events evaluation. The purpose of our work was to retrospectively analyze the efficacy of Computed Tomography in grade 3 events for gastrectomy performed in this group of patients.

MATERIAL E MÉTODOS: Clinical data of 189 patients operated at our institution between January 2010 and December 2014 were analyzed to verify the occurrence of grade 3 events and the efficacy of Computed Tomography (CT) in the diagnostic and therapeutic workup. There were 109 male and 80 female patients with age ranging from 31 to 91 years old (median 68 years). Gastric surgery involved included 86 and 103 partial or total gastrectomies, respectively.

RESULTADOS: Grade 3 events were hemoperitoneum (2), hemorrhagic pancreatitis (1), incisional hemorrhage (1), other hemorrhages (4), subphrenic abscesses (6), superior abdominal fluid collections, including other abscesses (6), and leaks or fistulas (6) that occurred in 22 patients. 19 patients with final diagnosis of common grade 3 common adverse events underwent CT that gave important clues for the therapeutic management of 15 patients.

DISCUSSÃO: We concluded that common grade 3 adverse events after gastrectomy for gastric cancer had an acceptable imaging support through evaluation by timely performed CT.

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