



*Original article*

## ***Gastrointestinal Stromal Tumor. Overall Survival and Recurrence***

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### **ABSTRACT**

**OBJECTIVE:** To report overall survival and disease recurrence in patients with Gastrointestinal Stromal Tumor (GIST). **TYPE OF STUDY:** Observational, longitudinal, retrospective and single-center, (survival).

**MATERIAL AND METHODS.** 18 patients with GIST were studied from 2007 to 2011 at UMAE N. 14 who underwent surgery and received tyrosine kinase inhibitor. Kaplan-Meir survival curves were performed to evaluate survival and recurrence-free survival.

**RESULTS.** Overall survival was 70% at 18 months and 58% at 36 months. At 36 months, 33% of patients were free of recurrence. In the mitotic index of 0-5 there was a recurrence-free survival of 80% at 18 months and it decreased to 62% at 36 months and with 6 to 10 mitoses the recurrence-free survival at 12 months was 62% and decreased to 42% at 18 months. Patients with a tumor larger than 10 cm had a recurrence-free survival of 50% at 36 months and with a tumor smaller than 10 cm a survival of 78% at 36 months.

**CONCLUSIONS.** We found an overall survival in GIST carriers of 58% at 36 months. Mitotic index and tumor size may influence recurrence-free survival.

**Keywords:** Gastrointestinal stromal tumor, survival, recurrence, GIST.

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