# Patient with multiple neoplasms: case report of gastric GIST after a history of lobular carcinoma in situ and uterine fibroids

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## ABSTRACT

The development of multiple primary neoplasms, benign and malignant, in the same individual is a relatively rare phenomenon. This article describes an unusual clinical case of gastric gastrointestinal stromal tumor (GIST), diagnosed in a woman with a prior history of uterine fibroids and lobular carcinoma in situ of the breast.

GIST is a rare mesenchymal neoplasm, often difficult to diagnose due to its non-specific clinical presentation and morphological overlap with other submucosal lesions. Confirming its diagnosis required a multidisciplinary approach, with particular emphasis on fine-needle aspiration cytology guided by endoscopic ultrasound, complemented by immunohistochemical analysis, which are essential for differential diagnosis with other spindle cell lesions. The absence of common genetic or molecular factors among the various neoplasms mentioned raises the hypothesis that mechanisms still unknown contribute to predisposition to multiple tumors.

This case highlights the importance of prolonged surveillance in patients with a history of neoplasms and reinforces the role of cytopathology in identifying rare neoplasms such as GIST.

**Key-words:** GIST, Lobular Carcinoma in situ, Uterine Fibromas, Multiple Tumors, Clinical Case