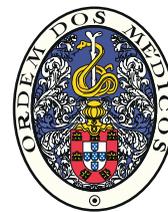


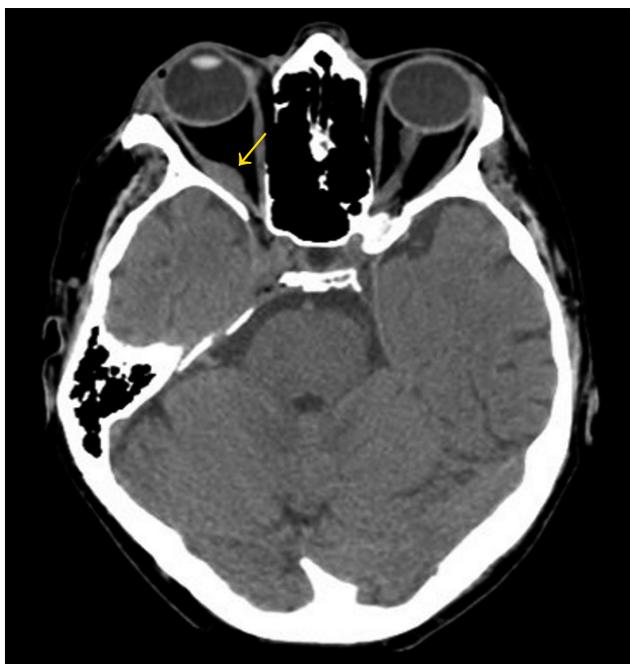
# Diplopia as Rare Initial Manifestation of Gastric Cancer

## Diplopia como Manifestação Inicial Rara de Carcinoma Gástrico

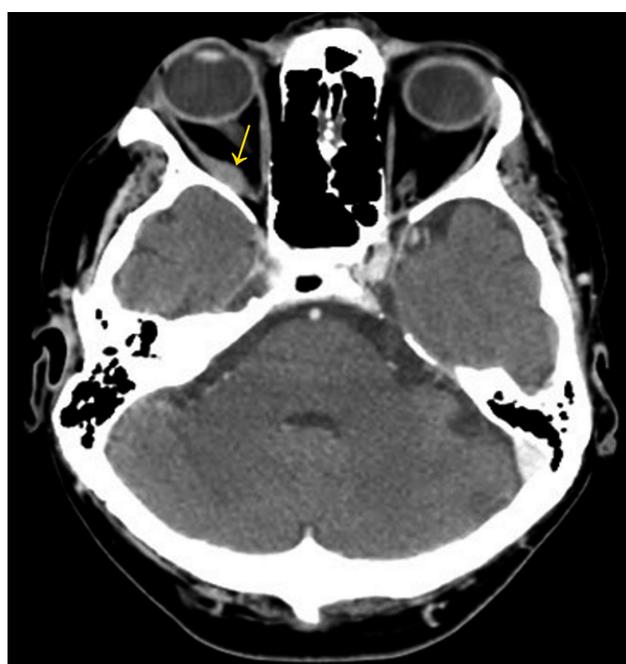


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**Keywords:** Diplopia; Orbital Neoplasms/secondary; Stomach Neoplasms  
**Palavras-chave:** Diplopia; Neoplasias Gástricas; Neoplasias Orbitárias/secundária



**Figure 1** - Lesion (13 x 9 x 9 mm) adjacent to the lateral rectus muscle of the right eye (arrow) without contrast



**Figure 2** - Lesion (13 x 9 x 9 mm) adjacent to the lateral rectus muscle of the right eye (arrow), with slight enhancement after contrast, suggesting metastasis

Forty two years-old male with bilateral pulmonary embolism also complained of limitation on the abduction of the right eye and diplopia when he looked right. The head computed tomography showed a lesion on the lateral rectus muscle of the right eye that, after contrast, seemed metastatic. The etiologic study revealed a signet ring cell gastric carcinoma metastatic to bone and mediastinal and abdominal ganglia. The patient died shortly afterwards. Orbital metastasis are rare occurrences (0.07% - 4.7%<sup>1</sup> of

all tumours, of which 6% - 7%<sup>2</sup> are gastric) but they must be considered in the differential diagnosis of patients with malignant tumours and diplopia caused by limitation on the abduction of the eye. It is possible, although unusual, to find orbital metastasis involving the extraocular muscles in the absence of previously known neoplastic disease (2% - 15%)<sup>3</sup> just as it happened with this patient, in which the gastric carcinoma was diagnosed subsequently.

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