

# Gastric Metastasis from Breast Cancer Resembling Primary Gastric Cancer: A Case Report

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## **Abstract**

A 72-year-old woman was referred to our hospital because of multiple gastric depressed lesions that were found by upper GI endoscopy screening. The endoscopic finding was a slightly depressed lesion that resembled a primary undifferentiated-type early gastric carcinoma. Five years ago, the patient underwent surgical and radiation treatment for breast cancer. Given the patient's history of invasive ductal carcinoma of the breast, the findings of the gastric biopsy and immunohistochemical analysis, we diagnosed the patient with gastric metastasis. Breast cancer metastasis to the stomach is rare, but when it occurs, it frequently manifests as poorly differentiated adenocarcinoma with signet-ring cell feature. These tumor cells are often difficult to distinguish from those of a primary gastric carcinoma. Distinguishing a breast cancer metastasis to the stomach from a primary gastric cancer on the basis of clinical, radiological, and endoscopic findings is very difficult. Our case report suggests that a history of breast cancer and the results of an immunohistochemical analysis are critical for the diagnosis of gastric metastasis from breast cancer.

**Key words:** Breast cancer, Gastric metastatic tumor, Patient's history