

Salivary Gland Choristoma of Breast

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The choristoma is the presence of a normal tissue of one organ in another organ. The presence of salivary gland tissue in the breast is a very rare observation; here we describe a case of salivary gland choristoma near a infiltrating duct carcinoma.

A 66-year-old woman arrived at our observation for a little carcinoma at the left breast, for a clinical staging cT1, cN0, Mx.

The patient underwent a surgical lumpectomy with sentinel lymph-adenectomy, at the gross examination we found a 0.9 cm neoplasm without metastatic deposit in the sentinel node.

The diagnosis was a medium grade infiltrating duct carcinoma with pathological staging of pT1b pN0(sn). Near the neoplasm, we found a little aggregate of salivary gland tissue composed of pure serous acinar

gland with terminal and intercalated duct same as that of salivary gland (Fig. 1). The lobule was composed of cells with numerous zymogene granules without mucinous component as evaluable in the mixed salivary gland (Fig. 2).

This report is very rare in the breast tissue, and as of now we have found only one report that showed a similar feature, described by Matoso A. (*Histopathology*; 2009).

As this is a very rare finding, the authors suggested that the tissue should undergo neoplastic degeneration, and in that way explain the rare case of salivary type breast carcinoma arising in the breast tissue (adenoid cystic carcinoma or metaplastic carcinoma matrix producing type).

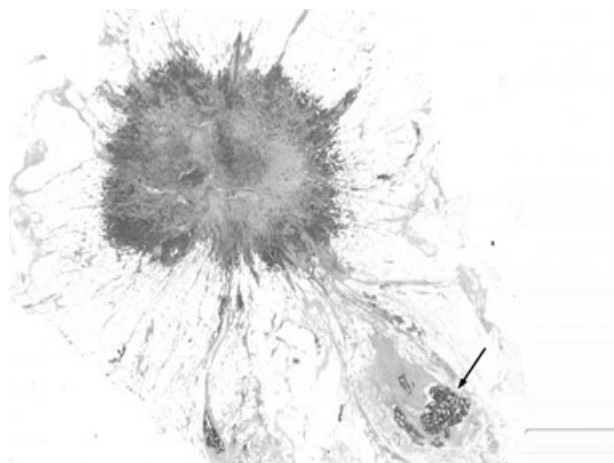


Figure 1. Low-grade magnification (H&E, $\times 4$) of neoplasm and a salivary choristoma (arrow).

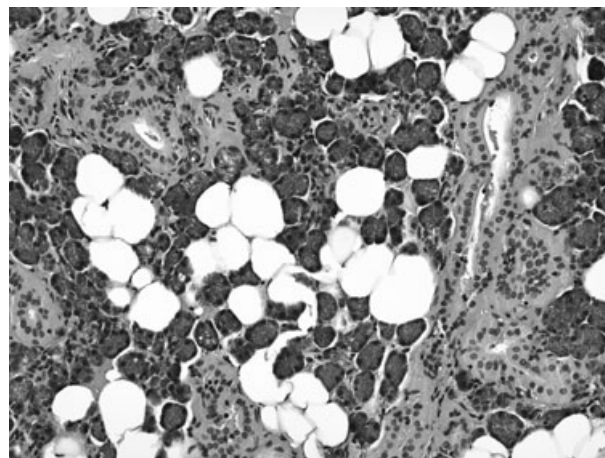


Figure 2. High-grade magnification (H&E, $\times 20$) showed a cellular morphology with cytoplasmic zymogene granule together an intercalated duct typical of mature salivary gland architecture.

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