

A Rare Case of Eccrine Carcinoma Arising From Breast Skin with Review of Literature

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Abstract:

Malignant sweat gland tumors are rare, can arise from both eccrine and apocrine glands. Eccrine gland carcinoma arising from skin of breast is very rare rather than primary breast carcinoma. We have come across a patient, who presented patchy erythematous hard indurated mass with a size 5 X 3 cm on the right lateral aspect of the right breast. Provisional diagnosis was chronic inflammatory swelling such as hidradenitis or apocrine degenerative cyst. Excision biopsy was done and the mass sent for histopathological examination. Histopathological diagnosis was sweat duct carcinoma. Eccrine sweat gland carcinoma from skin of breast was not reported in the literature. We are presenting this case to emphasize the tumor nature with review of literature. It is locally infiltrating tumor causing destruction of deeper structure and disseminates early to lymph nodes and distant organs. It is difficult to treat the disseminated disease.

Key words: Sweat gland carcinoma, Ultra Violet Rays (UVR), hidradenocarcinoma, Fine needle aspiration cytology (FNAC).