



Medical Imagery

Paget's Disease of the Male Breast

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An 85-year-old man presented with right nipple erosion with bloody discharge for one month. Physical examinations showed the enlarged right nipple with skin erosion and little bloody discharge (Figure 1A). Ultrasonography revealed the enlargement of right nipple with subareolar irregular heterogeneous hypoechoic lesion with the size of 0.75 × 0.49 × 0.72 cm (Figure 1B). A wedge biopsy was performed and invasive carcinoma of right nipple was identified. Therefore right total mastectomy with biopsy of right axillary sentinel lymph nodes was done and the pathologic examinations revealed the same findings – invasive ductal carcinoma. The diagnosis of Paget's disease of the nipple with superficial ulceration (T1cNOMO Stage IA, ER [90% positive], PR [65% positive], Her-2 negative [1+]) was confirmed. He received exemestane thereafter and remained alive three years later.

Paget's disease can extremely occur in men.^{1,2} We suggest to always perform mammography before surgery since it could be helpful in the decision making process.^{3,4} The wedge biopsy is the most useful diagnostic option because the epidermis can adequately represent and the biopsy can include a part of lactiferous duct. Two treatment modalities – total mastectomy and breast preserving surgery followed by appropriate adjuvant therapy (ex. Hormone therapy) could be recommended for carefully selected patients with Paget's disease.⁵

Potential conflicts of interest

All authors declare that there is no conflict of interest.

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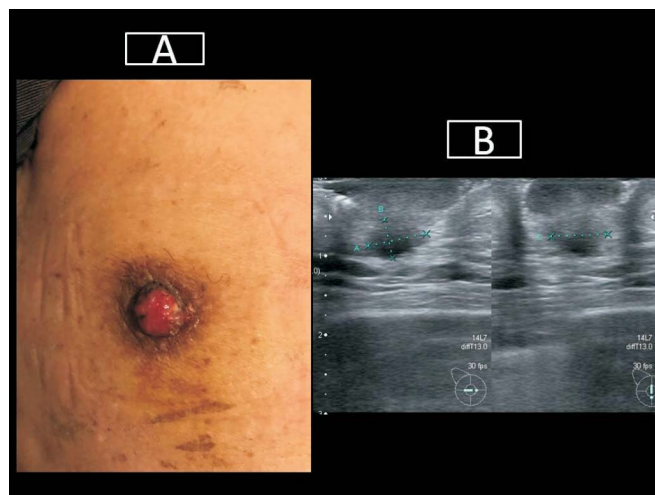


Figure 1. Grossly, enlarged right nipple with skin erosion and little bloody discharge (A). Ultrasonography revealed the enlargement of right nipple with subareolar irregular heterogeneous hypoechoic lesion (B).

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