

## Red plaques and tumors on the vulva



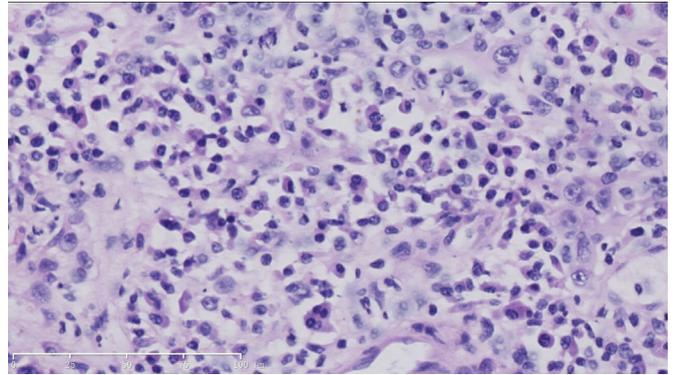
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**FIGURE 1**  
**Vulvar lesions**



Wu. Red plaques and tumors on the vulva. *Am J Obstet Gynecol* 2019.

**FIGURE 2**  
**Histopathology**



Wu. Red plaques and tumors on the vulva. *Am J Obstet Gynecol* 2019.

An otherwise healthy 58 year old woman presented with a 4 year history of asymptomatic progressive red plaques and tumors on the vulva. In the past 2 years, erosions and ulcerations appeared on the surface of the tumors. Physical examination revealed invasive red plaques and several erosive tumors (Figure 1).

Histopathologic examination revealed diffuse histiocytes in the dermis (Figure 2). Immunohistochemical staining revealed that CD1a, S-100, and Langerin were all positive. A rapid plasma responsiveness test was negative.

Therefore, a diagnosis of Langerhans cell histiocytosis was established.

Langerhans cell histiocytosis lesions on the vulva generally present as multiple ulcers as well as papules, prurigo-like nodules, and invasive plaques. Differential diagnoses include sexually transmitted diseases, genital tuberculosis, vulvar basal cell carcinoma, vulvar squamous cell carcinoma, chancroid, pyoderma, amelanotic malignant melanoma, and extramammary Paget disease. This patient has improved after treatment with glucocorticoid combined with thalidomide. ■

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The author reports no conflict of interest.

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