



DERMATOPATHOLOGY

IDIOPATHIC GRANULOMATOUS MASTITIS ASSOCIATED WITH ERYTHEMA NODOSUM IN A PREGNANT WOMAN: A REAL THERAPEUTIC CHALLENGE

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Background: Idiopathic granulomatous mastitis (IGM) is an uncommon breast condition characterized by chronic inflammation and abscess formation of unknown etiology. Its association with erythema nodosum especially in a pregnant woman is rarely reported in the literature. We report a case of IGM in a pregnant woman associated with erythema nodosum and arthralgia occurring at 17 weeks of pregnancy.

Observation: A 32-year-old pregnant woman was referred in the 17th week of pregnancy for evaluation of reddish subcutaneous nodules on the legs associated with arthralgia. She had a history of two episodes of breast abscesses which were treated two months earlier with antibiotics and surgical incision without a significant improvement and with a recurrence. There was no history of breast trauma before the onset of the breast abscesses. Vasculitis, tuberculosis and sarcoidosis were excluded in our patient. A breast biopsy revealed the diagnosis of granulomatous mastitis. The patient was treated with oral corticosteroids with a significant improvement of her erythema nodosum and her IGM. She had an uncomplicated delivery and gave birth at 38 weeks of pregnancy to a healthy child. No postpartum recurrence was observed in our patient.

Key message: Idiopathic granulomatous mastitis during pregnancy could simulate breast abscesses. Erythema nodosum is a rare extramammary manifestation of IGM. This entity is a real diagnostic and therapeutic challenge especially during pregnancy.

