

عنوان مقاله:

Primary Undifferentiated Pleomorphic Sarcoma of the Breast; a Case Report with Literature Review of Similar Cases

محل انتشار:

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خلاصه مقاله:

Background: Breast sarcoma is a rare, but aggressive tumor. There are few case reports in the literature and several aspects of this disease are still not completely comprehended. Therefore, reporting new cases can help to enrich the literature. **Case Presentation:** We report a case with a breast mass and pus secretion from her right breast, misdiagnosed as having an abscess and mistreated by antibiotics. The patient was referred for an ultrasound examination and mammography, and a needle biopsy was performed that suggested an aggressive tumor. By the pathologist's suggestion, a total mastectomy of the right breast was performed with the excision of sentinel nodes. A pathological examination revealed high-grade undifferentiated pleomorphic sarcoma (UPS) without vascular or lymph node invasion as the final diagnosis. The patient underwent postoperative chemotherapy and is currently in good condition. **Conclusion:** This case emphasizes considering this rare tumor when approaching a breast mass. Performing surgery with adequate resection margin can improve the patient's prognosis. Some cases reporting lung and brain metastasis suggest breast UPS is a more aggressive tumor than other breast sarcomas. Total mastectomy with negative margins and free-of-tumor lymph nodes may be the key to improved prognosis in such patients.

کلمات کلیدی:

Sarcoma, Breast, Breast neoplasms, Mastectomy

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