

عنوان مقاله:

5 years study of patients with lactating adenoma and review of the literature

محل انتشار:

دهمین کنگره بین المللی سرطان پستان (سال: 1393)

تعداد صفحات اصل مقاله: 1

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خلاصه مقاله:

Lactating adenomas are benign breast masses related to physiological changes during pregnancy and increased estrogen level. Fibroadenoma and breast cancer are in the differential diagnosis of them. The purpose of this study was to evaluate cases of lactating adenoma in Breast Cancer Research Center and review of the literature. Materials and Methods :All patients between 2010-2014 with histological diagnosis of lactating adenoma in their biopsy pathology were selected and data were extracted from their medical papers. Findings :In this period of time there were a total of 22 patients with pathology of lactating adenoma. The mean age was $27 \pm 4/6$. fourteen patients were breast-feeding, 7 patients were pregnant (second and third trimester) and 2 patients had a history of lactation. The chief complaint in 16 patients was mass and in 6 patients was pain. Of 15 ultrasound BIRADS Reports, 8 cases were equal to and less than 3 and 7 cases were equal to and greater than 4. The mean size of masses was 4.1 cm (1.8-8 cm). in 15 patients core Needle biopsy (CNB) and 6 patients open biopsy were performed and 1 vacuum-assisted biopsy were done. In 5 patients excisional biopsy were done in the follow up period after CNB that one of them was invasive ductal carcinoma and other cases were benign. Discussion and Conclusion : Most masses which are diagnosed during pregnancy and lactation are benign but they are in differential diagnosis with cancer. Lactating adenoma occurs not only during breast-feeding but also during pregnancy. Fine needle aspiration is associated with high false positive results and biopsy is the standard diagnostic method, especially sono-guided CNB. Most of these masses will regress after stopping of breast feeding. surgery can be postponed until that time except for suspicious situations.

کلمات کلیدی:

Breast mass, lactating adenoma , pregnancy

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