

(POSTER) Malignant transformation of fibroadenoma :A very rare case report**Umesh Jethwani**

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Abstract

Fibroadenoma is the most common benign tumor of the female breast with the highest incidence before age 30. Fibroadenoma may be associated with fibrocystic changes, proliferative epithelial changes, and extremely rarely, with non-invasive and invasive cancer. Malignant transformation of a fibroadenoma is rare with

only about 100 cases reported in the world literature. A 38 year old Indian lady operated previously for fibroadenoma of the right breast presented with a recurrent lump at the same site. She had a strong family history of breast carcinoma. Mammography and trucut biopsy was suggestive of infiltrating duct carcinoma. She was managed by modified radical mastectomy with a satisfactory outcome. There was no evidence of BRCA-1, BRCA-2 mutation on immunohistochemistry. Fibroadenoma occurring in middle aged woman with a strong family history of breast or ovarian cancer should be investigated with a high suspicion for malignancy.