

## Vulvar Fibroadenoma in a Non-Gravid Reproductive Aged Female

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### Abstract

**INTRODUCTION:** This is a rare case of a vulvar fibroadenoma resulting from ectopic breast tissue. The purpose of this report is to contribute to the wide differential diagnoses that are important to consider when evaluating a vulvar mass in a female patient of reproductive age.

**DESCRIPTION:** A 20 year-old gravida 1, para 1 presented with a left vulvar mass that was palpated to be solid and non-fluctuant. There was no associated inguinal adenopathy or overlying skin changes on physical exam. Magnetic resonance imaging (MRI) of the pelvis with and without contrast revealed a 5.6cm lobulated solid subcutaneous mass in the left paramedian region of the perineum close to the vaginal introitus. Etiology was uncertain, but appearance was read as suspicious for malignancy such as squamous cell carcinoma or melanoma. Left vulvar mass excision procedure was performed successfully. Histopathology from the mass was determined to be fibroadenoma originating from ectopic breast tissue. The surgery yielded excellent cosmetic result and the patient's comfort was greatly improved post operatively.

**DISCUSSION:** A vulvar mass found to be fibroadenoma is an example of an uncommon presentation of ectopic benign breast tissue. This finding is rare and therefore contributes to a growing literature of considerations within operative gynecology.