

# CASE 001

**Authors:** Anurag Sharma, MD, Lata Kini, MD, Ramkrishna Kajla, MS, Sambit K. Mohanty, MD

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**A 45-years-old female with a left breast mass.**

## CLINICAL HISTORY

A 45-years-old female presented with a left breast mass for 1 month duration. The mass was unassociated with pain, nipple discharge, or other constitutional symptoms. Local examination failed to reveal tenderness, edema, cutaneous changes (ulceration or nodularity), or axillary lymphadenopathy. Systemic physical examination was within normal limits. Personal and family history was not significant for any malignancy. Mammogram showed a fairly circumscribed mass with spicules of regular to irregular calcifications. Core needle biopsy from the breast mass showed a myxoid soft tissue tumor with chondrosarcomatous areas; interspersed benign breast acini and ducts were present. Based on the morphologic attributes, a metaplastic carcinoma, malignant phyllodes tumor with heterologous elements, myoepithelial carcinoma, extraskeletal myxoid chondrosarcoma, and metastatic myxoid soft tissue sarcoma were brought into the differential diagnostic consideration. Subsequently, a modified radical mastectomy was performed. The pathologic features are described below.

## PATHOLOGIC FEATURES

**Macroscopic Features:** The modified radical mastectomy measured 28.0 x 18.0 x 6.0 cm with a 15.0 x 7.0 cm portion of grossly unremarkable tan skin. Nipple and areolar complex measured 3.0 x 3.0 cm and was grossly unremarkable. On sectioning, a 6.0 x 5.0 x 4.0 cm tan-white to

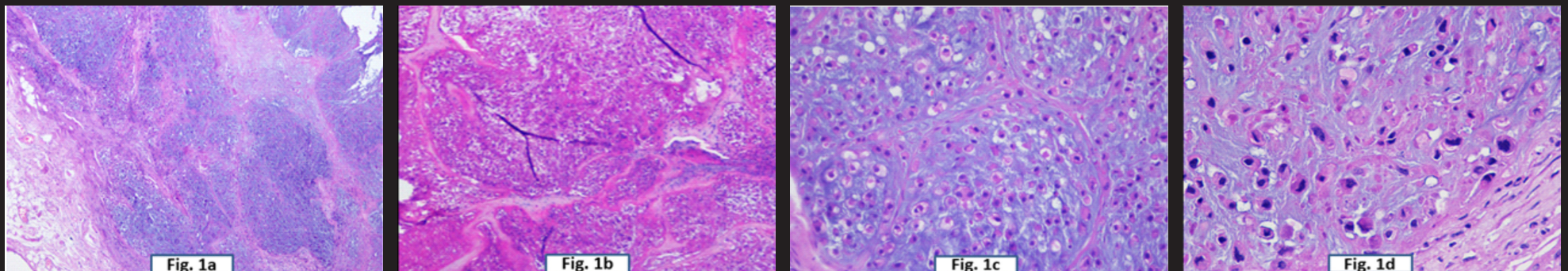


Figure 1