

**Date:** 11 May 2019 . 98/2/21.

**Patient's Name:** K.M.

**Responsible Physician:** Dr.Mahmoudzadeh.

**Patient Presentation:**

-A 18 year old female presented with UOQ right breast mass. Ultrasound examination showed an irregular hypoechoic mass measuring 38\*38\*28mm in Rt UOQ.

-CNB was done and pathology examination reported spindle cell proliferation and dense reactive lymphoid infiltration; IHC: CD3 + , Ki67 2-5% , desmin - , ALK - , S100 + , CK - , B catenin - , EMA - , PAX-5 + .

-She had a similar cutaneous mass in her left flank and underwent surgical biopsy of both masses. Pathology examination reported histiocytic proliferation in background of lymphocytes and spindle cell component; IHC : CK - , EMA - , CD68 + , ALK - , S100 + , B catenin - , Desmin - , SMA + , CD1a. The pathologist commented that regarding histomorphologic finding, Rosai-dorfman disease is the first differential diagnosis;

**Question:** Plan?

**Recommended Plan:** Pathology review to confirm the diagnosis, patient examination.

Breast Disease Research Center