

**Date:** 2019/02/09

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

**Responsible Physician:** Dr.Omranipoor

**Patient presentation:**

- 52 years – negative family history
- Right breast mass underwent core needle biopsy
- Pathology : invasive ductal carcinoma , ER + PR + HER - Ki67 15%
- Underwent breast conservation therapy, sentinel lymph node biopsy and intraoperative radiotherapy
- Tumor size 1.7 cm , margins were free , sentinel lymph nodes were free
- She is positive for factor 5 Leiden and has a history of DVT & TIA

**Question:** Does she need chemotherapy ?

**Recommended tests:** Oncotype DX

**Recommended plan:** Chemotherapy based on Oncotype DX result