

CASE 7

48 Y/O WOMAN

Brief history

- **Past history**

Withheld

- **Chief complain**

For routine mammographic screening

Imaging studies

Digital mammography (2020.11.06)

Imaging findings

- ✓ **Focal asymmetric densities** in UOQ of the right breast and LOQ of the left breast
- ✓ **lymphadenopathy** in the left axilla
 - **Previous core needle biopsy**
Invasive ductal ca. (BIRADS 6)

Synchronous bilateral breast cancers

- **Synchronous bilateral breast cancers (SBC):**
two tumors diagnosed within an interval of 6 months
- **Metachronous breast cancer (MBC):**
second cancer diagnosed after 6 months
- SBC constitute about **0.2-3% (2%) incidence** of all newly diagnosed breast cancers
- **HER2/neu positivity is a risk factor for developing contralateral breast tumor** and ER negativity as a risk factor for developing metachronous tumors
- **Asian women with SBC have a lower 5-year overall survival** compared to those with mBBC