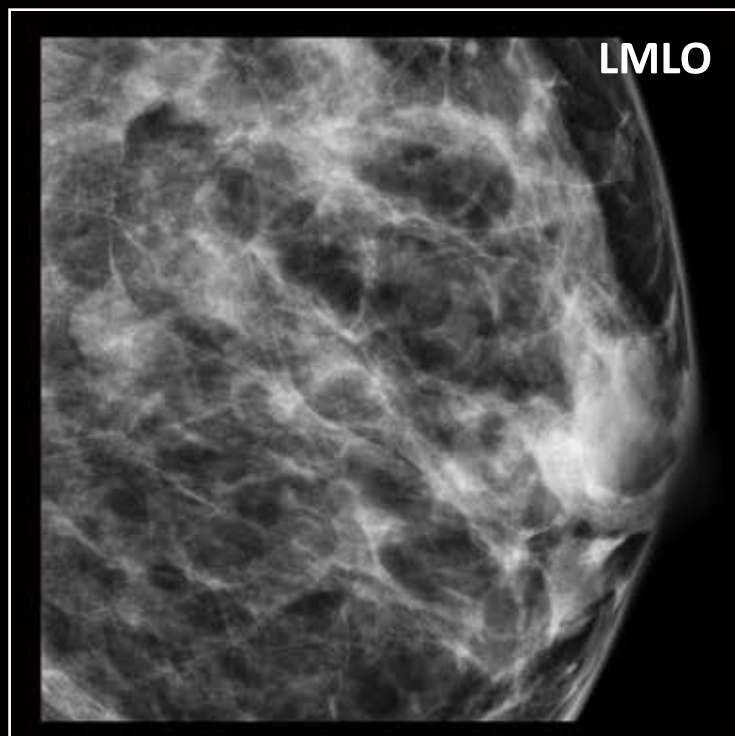
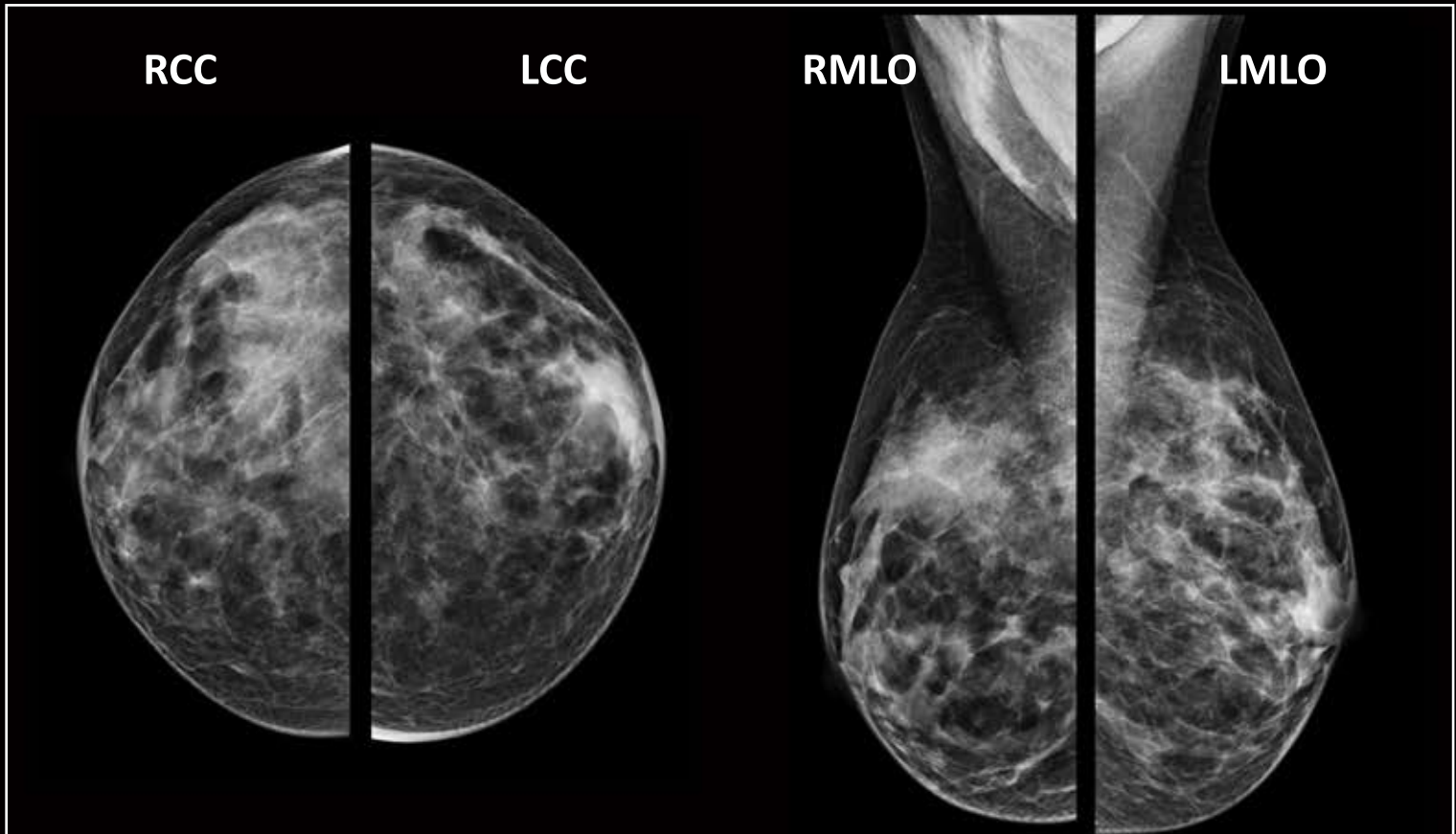


Case n°: 2

Date: February, 2018

Patient description: 40 yrs old, asymptomatic, first mammography exam, no family history

Exam description: FFDM (4 views), DBT (4 views), US



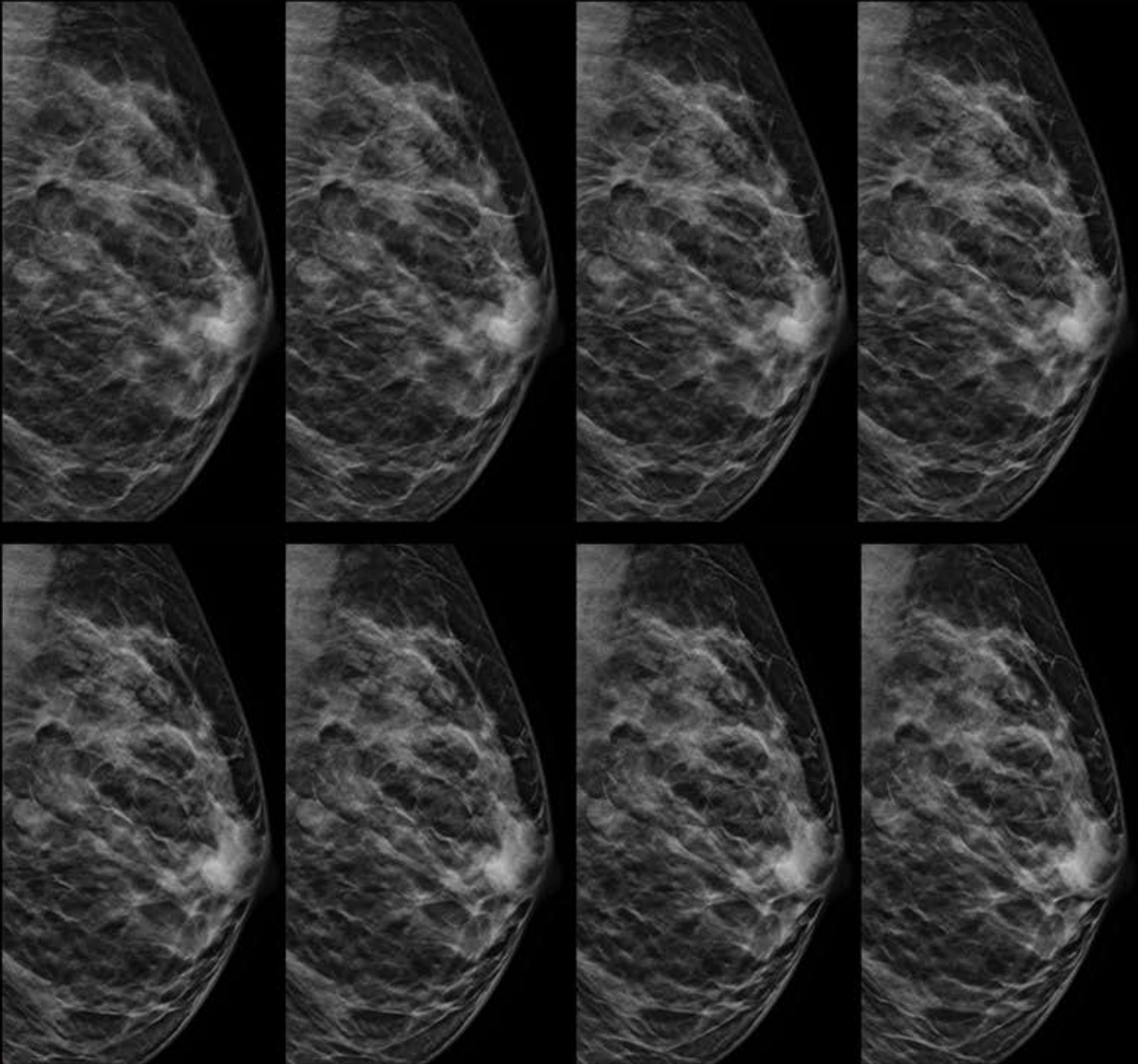
**Notes:** Heterogeneously dense breast structure. LMLO FFDM image seems to detect and depict a nodular lesion with clear margins and rounded shape, with benign aspect.

Case n°: 2

Date: February, 2018

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DBT LMLO - images from 8 to 22 (mm from detector)



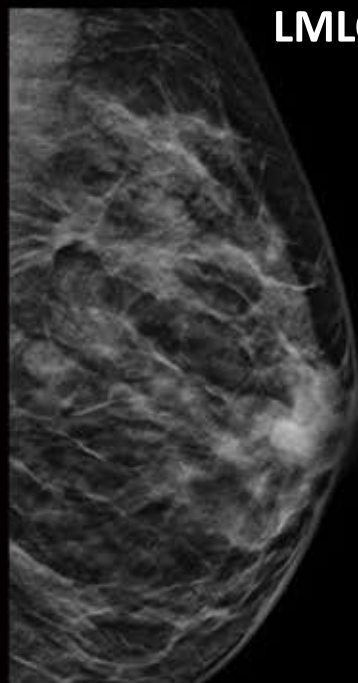
**Notes:** Being an acquisition performed as first mammography examination, DBT images have been acquired in ST mode (15° tube sweep, FBP reconstruction) in COMBO mode (2D and DBT exposures in one single breast compression).

DBT images (in LMLO view only) confirm and depict the rounded nodule with benign aspect. In the same images set, an area of architectural distortion appears which was not visible on 2D image.

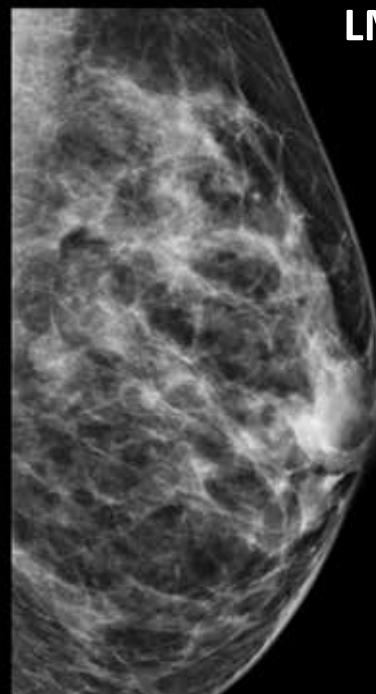
## Ultrasound images



Notes: Ultrasound exam depicts a well defined, anechoic formation and a hypoechoic, bilobate, inhomogeneous lesion with irregular margins.



**LMLO (DBT)**



**LMLO (2D)**

### Remarks on DBT images interpretation

When compared to FFDM images, Tomosynthesis acquisition confirms the nodule with benign aspect and reveals an area of architectural distortion not visible on the 2D images. Both findings are confirmed by ultrasound examination

### Final interpretation

Cytologic examination: atypical cells (C4)