



Alternative Methods for Breast Cancer Screening

Origination: 10/18/13	Revised: 10/15/16	Annual Review: 11/10/16
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Purpose:

To provide Medical Department staff with alternative methods for breast cancer screening to reference when making benefit determinations.

Definition

- Digital Breast Tomosynthesis and Three-Dimensional Automated Breast Ultrasound (ABUS or ABU) are devices to generate mammographic images that can be used for screening and diagnosis of breast cancer screening.

Exclusion Criterion

- The use of Digital Breast Tomosynthesis and/or ABUS or ABU is considered to be experimental/investigational and not a covered benefit.

References:

1. European Radiology. 23 (9) (pp 2441-2449), 2013. Digital breast tomosynthesis versus mammography and breast ultrasound: A multireader performance study.
2. American Journal of Roentgenology. 200 (2) (pp 291-298), 2013. Can digital breast tomosynthesis replace conventional diagnostic mammography views for screening recalls without calcifications? A comparison study in a simulated clinical setting.
3. American Journal of Roentgenology. 200 (1) (pp 226-231), 2013. Value of one-view breast tomosynthesis versus two-view mammography in diagnostic workup of women with clinical signs and symptoms and in women recalled from screening.
4. British Journal of Radiology. 86 (1029), 2013. Characterisation of breast papillary neoplasm on automated breast ultrasound.
5. Magnetic Resonance Imaging Clinics of North America. 21 (3) (pp 495-508), 2013. Screening MR Imaging Versus Screening Ultrasound: Pros and Cons.
6. American Journal of Medicine. 126 (6) (pp 472-479), 2013. Beyond mammography: New frontiers in breast cancer screening.



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