THE UNIVERSITY OF TEXAS MDAnderson Breast Cancer Screening

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Cancer Center This practice algorithm has been specifically developed for MD Anderson using a multidisciplinary approach and taking into consideration circumstances particular to MD Anderson, including the following: MD Anderson's specific patient population; MD Anderson's services and structure; and MD Anderson's clinical information. Moreover, this algorithm is not Making Cancer History" intended to replace the independent medical or professional judgment of physicians or other health care providers. This algorithm should not be used to treat pregnant women.

Note: This algorithm is not intended for women with a personal history of breast cancer¹. Breast cancer screening may continue as long as a woman has a 10-year life expectancy and no co-morbidities that would limit the diagnostic evaluation or treatment of any identified problem. Women should be counseled about the benefits, risks and limitations of screening mammography.



¹ Please see the Breast Cancer Treatment or Survivorship algorithms for the management of women with a personal history of breast cancer.

- ² Women who do not meet one of the increased risk categories. ³ Effectiveness of clinical breast exams has not been assessed in women 20-39 years of age.
- ⁴Women should be familiar with their breasts and promptly report changes to their healthcare provider. ⁵Augmented breasts need additional views for complete assessment.

- ⁶ 3D screening mammography is not yet standard of care but may be considered as a supplement to 2D mammography.
- ⁷ Risk of breast cancer begins to increase 8-10 years after thoracic exposure. The optimal age to begin MRI screening in this high risk population is not currently known.

⁸ Current practice at M. D. Anderson is to alternate the mammogram and breast MRI every 6 months. While there are no data to suggest that this is the optimal approach, it is done with the expectation that interval cancers may be identified earlier. Other screening regimens, such as breast MRI done at the time of the annual mammogram, are also acceptable.

⁹ Risk models that are largely dependent on family history include Tyrer-Cuzick and Claus. Department of Clinical Effectiveness V5

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Note: This algorithm is intended for women who have not undergone prophylactic mastectomy. Breast cancer screening may continue as long as a woman has a 10-year life expectancy and no co-morbidities that would limit the diagnostic evaluation or treatment of any identified problem. Women should be counseled about the benefits, risks and limitations of mammography.

SUGGESTED READINGS

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DEVELOPMENT CREDITS

This practice consensus algorithm is based on majority expert opinion of Cancer Prevention at the University of Texas MD Anderson Cancer Center. It was developed using a multidisciplinary approach that included input from the following faculty that comprised the Breast Screening Core Development Team .

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