Ultrasound as an adjunct to mammography for breast cancer screening: a health technology assessment

Health Quality Ontario

Record Status
This is a bibliographic record of a published health technology assessment from a member of INAHTA. No evaluation of the quality of this assessment has been made for the HTA database.

Citation

Authors' conclusions
We found no evidence that evaluated the comparative effectiveness or diagnostic accuracy of screening breast ultrasound as an adjunct to mammography among average-risk women aged 50 years and over. In women at high risk of developing breast cancer, there is low-quality evidence that screening with mammography and adjunct ultrasound detects additional cases of disease, with improved sensitivity compared to mammography alone. Screening with adjunct ultrasound also increases the number of false-positive findings and subsequent biopsy recommendations. It is unclear if the use of screening breast ultrasound as an adjunct to mammography will reduce breast cancer–related mortality among high-risk women. The annual cost burden of using adjunct ultrasound to screen high-risk women who cannot receive MRI in Ontario would be small.

Final publication URL

Indexing Status
Subject indexing assigned by CRD

MeSH
Humans; Breast Neoplasms; Early Detection of Cancer; High-Energy Shock Waves; Mammography; Technology Assessment, Biomedical

Language Published
English

Country of organisation
Canada

Province or state
Ontario

English summary
An English language summary is available.

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AccessionNumber
32016000934

Date abstract record published