Title: Full Field Digital Radiography versus Computed Radiography for Breast Cancer Detection: Clinical and Cost Effectiveness and Guidelines for Use

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Research question:

1. What is the clinical effectiveness of full field digital radiography versus computed radiography for the detection of breast cancer?

2. What is the cost effectiveness of full field digital radiography versus computed radiography for detection of breast cancer?

3. What are the guidelines for use of full field digital radiography for the detection of breast cancer?

Methods:

A limited literature search was conducted on key health technology assessment resources, including PubMed, the Cochrane Library (Issue 2 2008, University of York Centre for Reviews and Dissemination (CRD) databases, ECRI, EuroScan, international HTA agencies, and a focused Internet search. Results include articles published between 2007 and to the present, and are limited to English language publications only. Internet links are provided, where available.

Results:

HTIS reports are organized so that the higher quality evidence is presented first. Therefore, health technology assessment reports, systematic reviews and meta-analyses are presented first. These are followed by economic evaluations, randomized controlled trials, observational studies and evidence-based guidelines.

This is an update to a report completed in February 2007. One observational study was identified from the literature search results. No relevant health technology assessments, systematic reviews, meta-analyses, economic evaluations, randomized controlled trials or evidence-based guidelines were identified.

Disclaimer: The Health Technology Inquiry Service (HTIS) is an information service for those involved in planning and providing health care in Canada. HTIS responses are based on a limited literature search and are not comprehensive, systematic reviews. The intent is to provide a list of sources of the best evidence on the topic that CADTH could identify using all reasonable efforts within the time allowed. HTIS responses should be considered along with other types of information and health care considerations. The information included in this response is not intended to replace professional medical advice, nor should it be construed as a recommendation for or against the use of a particular health technology. Readers are also cautioned that a lack of good quality evidence does not necessarily mean a lack of effectiveness particularly in the case of new and emerging health technologies, for which little information can be found, but which may in future prove to be effective. While CADTH has taken care in the preparation of the report to ensure that its contents are accurate, complete and up to date, CADTH does not make any guarantee to that effect. CADTH is not liable for any loss or damages resulting from use of the information in the report.

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Health technology assessments
No literature identified

Systematic reviews and meta-analyses
No literature identified

Economic analyses and cost information
No literature identified

Randomized controlled trials
No literature identified

Observational studies


Guidelines and recommendations
No literature identified

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