Title: Cryotherapy Ablation for Lung Nodules: Evidence for Use

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Research question:

1. Is there any evidence for the use of cryotherapy ablation for treatment of malignant lung nodules?

2. What is the evidence for the clinical effectiveness of cryotherapy ablation for malignant lung nodules?

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 2003 and May 2008, and are limited to English language publications only. No filters were applied to limit the retrieval by study type. 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 (RCTs), observational studies and evidence-based guidelines.

Four observational studies and two ongoing clinical trials were identified pertaining to the clinical evidence for the use of cryotherapy ablation for malignant lung nodules. No relevant health technology assessments, systematic reviews or RCTs were identified.

Health technology assessments

No literature 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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Systematic reviews and meta-analyses
No literature identified.

Randomized controlled trials
No literature identified.

Observational studies


Clinical trials


Prepared by:
Kristen Moulton, B.A., Research Assistant
Kelly Farrah, M.L.I.S., Information Specialist
Health Technology Inquiry Service
Email: htis@cadth.ca
Tel: 1-866-898-8439
Appendix – Further information:

Review articles


