Title: Cryosurgery for Non-Metastatic Prostate Cancer: Clinical and Cost Effectiveness

Date: 09 April 2008

Research question:

1. What is the clinical effectiveness of cryosurgery versus conventional treatments for non-metastatic prostate cancer recurring after radiation therapy?

2. What is the cost effectiveness of cryosurgery versus conventional treatments for non-metastatic prostate cancer recurring after radiation therapy?

Methods:

A limited literature search was conducted on key health technology assessment resources, including PubMed, the Cochrane Library (Issue 1, 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 March 2008 and are limited to English language publications only. Filters were applied to limit the retrieval to systematic reviews, clinical studies, observational studies, economic studies and guidelines. 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.

One systematic review, two cost studies, 9 observational studies and one guideline were identified regarding the clinical and cost-effectiveness of cryosurgery for non-metastatic prostate cancer recurring after radiation therapy. No health technology assessments or randomized controlled trials (RCTs) were identified. Further information pertaining to the clinical effectiveness of cryosurgery for prostate cancer recurrence has been included in the Appendix.
Health technology assessments

None identified.

Systematic reviews and meta-analyses


Economic analyses and cost information


Randomized controlled trials

None identified.

Observational studies


**Guidelines and recommendations**


---

**Prepared by:**

Kristen Moulton, B.A., Research Assistant  
Charlene Argáez, MLIS, Information Specialist  
**Health Technology Inquiry Service**  
**Email:** [htis@cadth.ca](mailto:htis@cadth.ca)  
**Tel:** 1-866-898-8439
Appendix – Further information:

Systematic reviews


Review articles


Additional references

