Title:  Clinical and Cost Effectiveness of Yttrium-90 Microspheres for Liver Metastases from Colorectal Cancer

Date:  September 21, 2007

Research questions:

1. What is the clinical effectiveness of Yttrium-90 microsphere radioembolization for patients with liver metastases from colorectal cancer?
2. What is the cost effectiveness of Yttrium-90 microsphere radioembolization for patients with liver metastases from colorectal cancer?

Methods:

A literature search was conducted on key health technology assessment resources, including PubMed, University of York Centre for Reviews and Dissemination (CRD) databases, ECRI’s HTAIS, and a focused Internet search. Results include English language publications from 2002 to date. Links to online full-text or abstracts are provided when available.

Results:

The results are listed below and additional references of interest are included in the attached appendix. No economic evaluations were found.

Health technology assessments

None found

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.

Copyright: This report contains CADTH copyright material and may contain material in which a third party owns copyright. This report may be used for the purposes of research or private study only. It may not be copied, posted on a website, redistributed by email or stored on an electronic system without the prior written permission of CADTH or applicable copyright owner.

Links: This report may contain links to other information on available on the websites of third parties on the Internet. CADTH does not have control over the content of such sites. Use of third party sites is governed by the owners’ own terms and conditions.
Systematic reviews


General guidelines and recommendations


Randomized controlled trials


Clinical studies (non-randomized)


Prepared by: Karen Cimon, MLT, Research Assistant
Emmanuel Nkansah, MLS, MA, Information Specialist
Health Technology Inquiry Service
Email: htis@cadth.ca
Tel: 1-866-898-8439
Appendix – Further information:

Review articles


Additional reference