TITLE: Radiopharmaceutical Therapy for the Treatment of Metastatic Bone Pain: Clinical and Cost-Effectiveness

DATE: 04 December 2008

RESEARCH QUESTIONS:

1. What is the clinical effectiveness of radiopharmaceutical therapy for the treatment of metastatic bone pain?

2. What is the cost-effectiveness of radiopharmaceutical therapy for the treatment of metastatic bone pain?

METHODS:

A limited literature search was conducted on key health technology assessment resources, including PubMed, the Cochrane Library (Issue 4, 2008), University of York Centre for Reviews and Dissemination (CRD) databases, ECRI, EuroScan, international health technology agencies, and a focused Internet search. Database results include articles published between 2003 and January 2009, 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, and controlled clinical trials.

Two systematic reviews, two economic evaluations and five randomized controlled trials regarding the clinical and cost-effectiveness of Metastron® and Quadramet® for the treatment of metastatic bone pain were identified. No relevant health technology assessments, meta-analyses, or controlled clinical trials were identified. Additional articles of interest are located in the appendix.

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Health technology assessments
No literature identified

Systematic reviews and meta-analyses


Economic analyses and cost information


*Note: This reference is outside the search timeframe*

Randomized controlled trials


**Controlled clinical trials**

No literature identified

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APPENDIX – FURTHER INFORMATION:

Observational studies


Guidelines and recommendations
