TITLE: Computed Tomography Scanners for Patients in Rural or Remote Locations: Clinical and Cost-Effectiveness

DATE: 03 March 2014

RESEARCH QUESTIONS

1. What is the clinical effectiveness of computed tomography scanners for patients in rural or remote locations?

2. What is the cost-effectiveness of computed tomography scanners for patients in rural or remote locations?

KEY MESSAGE

Three non-randomized studies and one economic evaluation were identified regarding the effectiveness of computed tomography scanners for patients in rural or remote locations.

METHODS

A limited literature search was conducted on key resources including PubMed, The Cochrane Library (2014, Issue 2), University of York Centre for Reviews and Dissemination (CRD) databases, Canadian and major international health technology agencies, as well as a focused Internet search. No filters were applied to limit the retrieval by study type. Where possible, retrieval was limited to the human population. The search was also limited to English language documents published between January 1, 2004 and February 26, 2014. Internet links were provided, where available.

RESULTS

Rapid Response 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 randomized controlled trials, non-randomized studies, and economic evaluations.

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Three non-randomized studies and one economic evaluation were identified regarding the effectiveness of computed tomography scanners for patients in rural or remote locations. No health technology assessments, systematic reviews, or randomized controlled trials were identified.

Additional references of potential interest are provided in the appendix.

**Health Technology Assessments**
No literature identified.

**Systematic Reviews and Meta-analyses**
No literature identified.

**Randomized Controlled Trials**
No literature identified.

**Non-Randomized Studies**


**Economic Evaluations**


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APPENDIX – FURTHER INFORMATION:

Randomized Controlled Trials

Mobile CT Scanners


Non-Randomized Studies

Mobile CT Scanners


Non-Randomized Studies

Analysis of the Canadian CT Head Guidelines


Non-Transfer for Mild Traumatic Brain Injuries


Imaging and Transfers


Additional References


