TITLE: Fecal Tagging Versus Bowel Preparation: Comparative Clinical Effectiveness

DATE: 13 June 2011

RESEARCH QUESTION

What is the comparative clinical effectiveness of fecal tagging versus traditional bowel preparation for CT colonography to identify patients with polyps or bowel cancer?

KEY MESSAGE

Evidence suggests that fecal tagging is equally or more sensitive than traditional bowel preparations for CT colonography to identify patients with polyps or bowel cancer.

METHODS

A limited literature search was conducted on key resources including PubMed, The Cochrane Library (2011, Issue 5), University of York Centre for Reviews and Dissemination (CRD) databases, Canadian and major international health technology agencies, as well as a focused Internet search. Methodological filters were applied to limit retrieval to health technology assessments, systematic reviews, meta-analyses, randomized controlled trials and non-randomized studies. Where possible, retrieval was limited to the human population. The search was also limited to English language documents published between January 1, 2006 and June 6, 2011. 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 and non-randomized studies.

One non-randomized study was identified regarding the comparative clinical effectiveness of fecal tagging versus traditional bowel preparation for CT colonography to identify patients with polyps or bowel cancer. Additional articles that may be of interest are included in the appendix.

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Health technology assessments
No literature identified.

Systematic reviews and meta-analyses
No literature identified.

Randomized controlled trials
No literature identified.

Non-randomized studies


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APPENDIX – FURTHER INFORMATION:

Additional references

Systematic reviews and meta-analyses


Randomized controlled trials


Non-randomized studies

Fecal tagging sensitivity


Fecal tagging with various bowel preparations


PubMed: PM19375954

PubMed: PM18562740

**Fecal tagging methods**

PubMed: PM17579149

PubMed: PM16567485