TITLE: Multi-Dose Contrast Media for Computed Tomography: Benefit and Harms

DATE: 2 January 2009

RESEARCH QUESTION:

What is the evidence for the clinical benefit and harm of injection of contrast media by multi-dose systems for computed tomography?

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. Results include articles published between 2000 and December 2008, and are limited to English language publications only. Filters were applied to limit the retrieval to systematic reviews, health technology assessments, meta-analyses, guidelines, randomized controlled trials, controlled clinical trials, and observational studies. 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, controlled clinical trials, observational studies, and evidence-based guidelines.

One observational study assessing the injection of contrast media by multi-dose systems for computed tomography (CT) was identified. No relevant health technology assessments, systematic reviews, meta-analyses, guidelines, randomized controlled trials, or controlled clinical trials were identified.

Health technology assessments
No literature identified
Systematic reviews and meta-analyses
No literature identified

Randomized controlled trials
No literature identified

Controlled clinical trials
No literature identified

Observational studies

Guidelines and recommendations
No literature identified

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