TITLE: Disposable Blood Pressure Cuffs to Prevent the Transmission of Antibiotic Resistant Bacterial Strains: Clinical Effectiveness

DATE: 15 September 2008

RESEARCH QUESTION:

What is the clinical effectiveness of disposable blood pressure cuffs for the reduction or prevention of the transmission of antibiotic resistant bacterial strains of C. difficile and MRSA in hospital settings?

METHODS:

A limited literature search was conducted on key health technology assessment resources, including PubMed, the Cochrane Library (Issue 3, 2008), University of York Centre for Reviews and Dissemination (CRD) databases, ECRI, EuroScan, international HTA agencies, and a focused Internet search. Results include articles published between 1993 and September 2008, 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:

No literature on the clinical effectiveness of disposable blood pressure cuffs for the reduction or prevention of the transmission of resistant bacterial strains was identified. Four observational studies assessing the spread of bacterial infections with conventional blood pressure cuffs were found and are included in the appendix, along with an additional guideline of potential interest.

Health technology assessments
No literature identified

Systematic reviews and meta-analyses
No literature identified
Randomized controlled trials
No literature identified

Observational studies
No literature identified

PREPARED BY:
Karen Cimon, Research Assistant
Charlene Argáez, MLIS, Information Specialist
Health Technology Inquiry Service
Email: htis@cadth.ca
Tel: 1-866-898-8439
APPENDIX – FURTHER INFORMATION:

Observational studies


Guidelines and recommendations
