Title: Surgical Prophylaxis with Antibiotics in Obese Adults: Clinical Evidence and Guidelines for Dosing

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Research questions:

1. What is the clinical evidence for dosing of antibiotics for surgical prophylaxis in obese adult patients?

2. What are the guidelines for dosing of antibiotics for surgical prophylaxis in obese adult patients?

Methods:

A limited literature search was conducted on key health technology assessment resources, including PubMed, the Cochrane Library (Issue 2, 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 2003 and June 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:

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 randomized controlled trials (RCTs), observational studies and evidence-based guidelines.

Six observational studies and one guideline were identified pertaining to dosing of antibiotics for surgical prophylaxis in obese adult patients. No health technology assessments, systematic reviews, or RCTs were identified. Additional information that may be of interest has been included in the Appendix.
Health technology assessments
No literature identified.

Systematic reviews and meta-analyses
No literature identified.

Randomized controlled trials
No literature identified.

Observational studies


Guidelines and recommendations


National Guideline Clearinghouse summary available:

Prepared by:
Kristen Moulton, B.A., Research Assistant
Kelly Farrah, M.L.I.S., Information Specialist
Health Technology Inquiry Service
Email: htis@cadth.ca
Tel: 1-866-898-8439
Appendix – Further information

Observational Studies


Review articles


   *See section on dosing*


Additional references
