TITLE: Anaphylaxis in Seniors Receiving Intravenous Antibiotics in Long-Term Care: Clinical Evidence and Guidelines

DATE: 30 October 2013

RESEARCH QUESTIONS

1. What is the clinical evidence regarding the occurrence of anaphylaxis in seniors receiving IV antibiotics for common acute infections in long-term care?

2. What are the evidence-based the guidelines regarding monitoring and administration of IV antibiotics to seniors with common acute infections in long-term care?

KEY MESSAGE

No relevant technology assessment reports, systematic reviews, meta-analyses, randomized controlled trials, non-randomized studies, or evidence-based guidelines regarding the occurrence of anaphylaxis in seniors in long term care receiving IV antibiotics or the guidelines for their use were identified.

METHODS

A limited literature search was conducted on key resources including PubMed, Medline, The Cochrane Library (2013, Issue 10), 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 methodological filters were applied. Where possible, retrieval was limited to the human population. The search was also limited to English language documents published between January 01, 2008 and October 24, 2013. Internet links were provided, where available.

The summary of findings was prepared from the abstracts of the relevant information. Please note that data contained in abstracts may not always be an accurate reflection of the data contained within the full article.
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 evidence-based guidelines.

No relevant technology assessment reports, systematic reviews, meta-analyses, randomized controlled trials, non-randomized studies, or evidence-based guidelines regarding the occurrence of anaphylaxis in seniors in long term care receiving IV antibiotics or the guidelines for their use were identified. A reference of potential interest has been provided in the appendix.

OVERALL SUMMARY OF FINDINGS

No relevant literature was found regarding the occurrence of anaphylaxis in seniors receiving IV antibiotics for common acute infections in long-term care or the guidelines regarding monitoring and administration of IV antibiotics, therefore no summary can be provided.
REFERENCES SUMMARIZED

Health Technology Assessments
No literature identified.

Systematic Reviews and Meta-analyses
No literature identified.

Randomized Controlled Trials
No literature identified.

Non-Randomized Studies
No literature identified.

Guidelines and Recommendations
No literature identified.

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APPENDIX – FURTHER INFORMATION:

Additional References

1. Administration of IV antibiotics by CADD pump in long term care (Durham Region) [Internet]. Oshawa (ON); Central East LIHN; 2010 [cited 2013 Oct 29]. Available from: http://www.centraleastlhin.on.ca/uploadedFiles/Home_Page/News_Rooms/New_Clips/11-IPL_Poster.pdf