TITLE: Hemolysis and Blood Infusion Pumps for Patients Receiving Blood or Blood Components: Standards and Evidence-Based Guidelines

DATE: 13 August 2013

RESEARCH QUESTIONS

1. What are the standards for acceptable levels of hemolysis caused by blood infusion pumps for patients receiving blood or blood components?

2. What are the evidence-based guidelines on acceptable levels of hemolysis caused by blood infusion pumps for patients receiving blood or blood components?

KEY MESSAGE

No relevant health technology assessments, systematic reviews, or evidence-based guidelines were identified regarding acceptable levels of hemolysis caused by blood infusion pumps. References of potential interest are provided in the appendix.

METHODS

A limited literature search was conducted on key resources including PubMed, The Cochrane Library (2013, Issue 7), 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 to limit retrieval by publication type. Where possible, retrieval was limited to the human population. The search was also limited to English language documents published between January 1, 2003 and August 7, 2013. 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 and systematic reviews are presented first, followed by evidence-based guidelines.

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No relevant health technology assessment reports, systematic reviews, meta-analyses, or evidence-based guidelines regarding guidelines or standards for acceptable levels of hemolysis caused by blood infusion pumps were identified. References of potential interest are provided in the appendix.

Health Technology Assessments
No literature identified.

Systematic Reviews and Meta-analyses
No literature identified.

Guidelines and Recommendations
No literature identified.

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APPENDIX – FURTHER INFORMATION:

Clinical Practice Guidelines


Additional References

