TITLE: Warming of Amniofluid: Safety

DATE: 18 October 2013

RESEARCH QUESTIONS

1. What is the evidence for the safety of warming of amniofluid before use?

2. What is the evidence for the safety of microwave ovens for warming amniofluid before use?

3. What is the evidence for the safety of other methods (e.g. blanket warmers, blood warmer) for warming amniofluid before use?

4. What are the evidence-based guidelines for the warming of amniofluid before use?

KEY MESSAGE

No relevant systematic reviews, meta-analyses, randomized controlled trials, non-randomized studies, or evidence-based guidelines were identified regarding the safety of warming and the various warming methods for amniofluid before use.

METHODS

A limited literature search was conducted on key resources including PubMed, The Cochrane Library (2013, Issue 10), University of York Centre for Reviews and Dissemination (CRD) databases, ECRI (Health Devices Gold), 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 September 30, 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.

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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 systematic reviews, meta-analyses, randomized controlled trials, non-randomized studies, or evidence-based guidelines were identified regarding the safety of warming and the various warming methods for amniofluid before use. References of potential interest, including clinical practice guidelines, have been included in the appendix.

OVERALL SUMMARY OF FINDINGS

No relevant literature was found regarding the safety of warming and the various warming methods for amniofluid before use; 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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Clinical Practice Guidelines

   See: Section III, E

   See: Key Point 2

   See: Item 12

   See: Section V: Specific Information - 7b

Additional References

   Room temperature/fluid warmer recommended - “The fluid should not be heated in a microwave or blanket warmer.”

