Multiple intravenous infusions phase 2b: laboratory study

Record Status
This is a bibliographic record of a published health technology assessment from a member of INAHTA. No evaluation of the quality of this assessment has been made for the HTA database.

Citation

Authors’ conclusions
Errors occur during common tasks associated with administering and managing multiple IV infusions. However, improvements to best practices, infusion system technologies, and education can help reduce many of these risks by addressing a gradual misalignment of practices, technology, and education. In the short term, supporting clinicians via targeted education, standard best practices, and bedside clinical decision support can improve the identification and completion of some task requirements. In the longer term, innovation is needed to minimize the routine and person-dependent tasks that are currently required to administer multiple IV infusions. Still, given the complexity of this practice, even with improved technology the safe administration of multiple IV infusions will likely always require user vigilance. (51) Addressing the issues and implementing the recommendations identified in this report will require the sustained commitment and alignment of all stakeholders. However, with collective action based on evidence, improvements to the administration and management of multiple IV infusions—and thus patient safety—are obtainable and must be a priority.

Final publication URL

Indexing Status
Subject indexing assigned by CRD

MeSH
Infusions, Intravenous; Interferon-alpha

Language Published
English

Country of organisation
Canada

Province or state
Ontario

English summary
An English language summary is available.

Address for correspondence
Evidence Development and Standards, Health Quality Ontario, 130 Bloor Street West, 10th floor, Toronto, Ontario Canada M5S 1N5 Email: EDSinfo@hqontario.ca

AccessionNumber
32014000653
Date abstract record published
23/06/2014