

Continuing Education CD-ROM

For Pharmacists and Nurses

Detect, Correct, and Prevent Medication Errors with Intelligent Infusion Technology

The 2006 Institute of Medicine (IOM) report indicated that approximately one medication error occurs per patient per day in hospital care. Many of these errors occur during the medication administration step of the medication use process. Among the improvement strategies to prevent errors, the IOM report noted the use of technology such as smart infusion pumps with well-defined drug libraries as one mechanism to reduce the chances for errors. However, implementation of smart infusion pump technology requires significant time, effort and resources and multidisciplinary involvement.



Learning Objectives

After studying this information, the reader should be able to:

- ✓ Define intelligent infusion technology.
- ✓ Describe the main components of an intelligent infusion system.
- ✓ Describe the potential benefits of intelligent infusion technology to patient safety.
- ✓ Identify the "5 rights" of medication safety.
- ✓ Identify the responsibilities of the pharmacist and the nurse in implementing an intelligent infusion system.

Accreditation



ProCE, Inc. is accredited by the Accreditation Council for Pharmacy Education as a provider of continuing pharmacy education. ACPE Universal Activity Number 221-000-11-018-H05-P has been assigned to this knowledge-based home-study CE activity (initial release date 03-01-11). This program is approved for 2.0 contact hours (0.2 CEUs) in states that recognize ACPE providers. The program is provided at no cost to participants. Statements of credit will be issued online upon completion of the program evaluation and the post-test with a score of 70% or higher. No partial credit will be given.



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Ordering Instructions

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NOTE: This activity expires on March 1, 2014

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