



DIMENSIONAL ANALYSIS

CALCULATING DOSAGES SAFELY



Dimensional Analysis: Calculating Dosages Safely

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Product Description

Dosage calculations can be intimidating, but they don't need to be. Dimensional analysis is an easy, systematic approach that shows you how to master simple to complex calculations with consistency and accuracy and reduce medication errors with simple safety mechanisms. Dimensional analysis, which can be used on virtually every dosage calculation problem, eliminates the need to use other methods or perform lengthy, multi-step calculations. It's a method of problem-solving that organizes data in a manner that is easy to understand and apply. Focus on patient safety. Learning models, including the 4 Cs approach to dosage calculations: compute, convert, conceptualize, and critically evaluate. Over 1,000 practice problems throughout the book, including basic skills pre-test; end-of-section practice tests in each chapter; end-of-unit assessment tests; and end-of-book post-test. 18 Speed Challenge chapter quizzes online to increase speed and accuracy. Real-life scenarios that illustrate how to apply concepts to practice. Note and Alert boxes that highlight potential safety issues to keep in mind when calculating math problems. A glossary of key terms at the beginning of each chapter. Instructor resources: Ebook, classroom & lecture planning resources, previous edition resources, assignment resources. Includes testbanks, instructor guide, PowerPoint slides. Student resources: Basic maths exercise, interactive syringe exercise, speed challenge quiz, web links, calculation tools
