

# Drug Dosage Calculations

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## **Calculation of Drug Dosages** - Sheila J. Ogden 2003

This popular dosage calculation work-text helps students master the critical skills necessary to competently and confidently calculate drug dosages. Innovative and practical, it includes information on the ratio and proportion, formula and dimensional analysis methods of drug calculation, and numerous practice problems to accompany these methods. Ideal for students who need an extensive math review in addition to drug calculations content, this new edition features a more logical organization, a new chapter addressing medication administration to critically ill patients, and more practice problems on calculations for pediatric patients. Learning objectives help students focus on key content as they read and study. Chapter worksheets provide students the opportunity to practice solving realistic problems. Posttests help students identify their areas of strengths and weaknesses. Full-color drug labels provide a more realistic representation of medication administration. A comprehensive posttest at the end of the book helps students assess their knowledge of the calculation of drug dosages. A comprehensive glossary defines important terms. A new

chapter on Critical Care IV Flow Rates addresses medication administration to critically ill patients. Content has been reorganized to create a more logical flow for learning. Approximately 20 more practice problems have been added on calculations for pediatric patients.

*Calculating Drug Dosages* - Sandra Castillo 2006-10-30  
Package Consists of: Clinical Kinesiology and Anatomy, 5th Edition By: Lippert Taber's Medical Dictionary, 21st Edition By: Donald Venes

**Calculation of Drug Dosages** - Sheila J. Ogden 2011-05-06  
This is a Pageburst digital textbook; Master the critical skills necessary to competently and confidently calculate drug dosages using Calculation of Drug Dosages. Written by Sheila J. Ogden, MSN, RN and Linda Fluharty, RNC, MSN, this updated 9th Edition provides you with an extensive review of essential math concepts before introducing and clearly explaining the ratio and proportion, formula, and dimensional analysis methods of drug calculation. The book's popular "worktext" format builds on concepts as you go and reinforces what you learn with over 1,800 practice problems. Identify your strengths and weaknesses with an extensive math review,

covering the basic math skills essential for accurate calculation of drug dosages. Use chapter worksheets to practice solving realistic problems. Assess your understanding of chapter content using post-tests at the end of each chapter. Retain content more easily and build on your prior knowledge through a logical organization. Get additional practice and accurately gauge your overall understanding with a comprehensive post-test at the end of the book. Stay focused with learning objectives that explain what you should accomplish upon completion of each chapter. Know the latest drugs and technology used in the market with updated drug labels and equipment photos. Study at your own pace with 25 flash cards, now on Evolve, containing abbreviations, formulas, and conversions from the book. Check your work and see your mistakes with a detailed step-by-step answer key. Tap into a new chapter on obstetric dosages that provides you with practice problems using medications unique to this important nursing subspecialty. Use alert boxes that call attention to information crucial to math calculation and patient safety. Stay current with new content on Intake and Output (I & O). Reduce medication errors and increase patient safety via updated guidelines for The Joint Commission and Institute for Safe Medication Practice. Recognize the implications of drug accuracy with more drug labels added to critical care practice problems. Access Evolve online resources where you'll see 5-10 new practice problems related to each chapter and the new updated Drug Calculations Companion (Version 4), featuring an interactive student tutorial that includes an extensive menu of various topic areas within drug calculations such as oral, parenteral, pediatric, and intravenous calculations to name a few. And over 600 practice problems cover ratio-proportion, formula, and dimensional analysis methods.

Medical Dosage Calculations For Dummies - Richard Snyder  
2011-05-03

Score your highest in a medical dosage calculations course A recent shortage of nurses in a society with an

aging population has triggered the demand for students to enter the field of medical study. A dosage calculations course is required for most students earning an applied science degree in nursing, pharmacology, or paramedic programs. Medical Dosage Calculations For Dummies tracks a typical dosage calculations course and provides helpful content in an approachable and easy-to-understand format. Plus, you'll get examples of the various calculations made to determine the appropriate quantity of drug or solution that should be administered to patients. Calculating drug dosages utilizing ratio-proportion, formula, and dimensional analysis Systems of measurement, including metric and apothecary and other conversion equivalents for a global audience The ins and outs of the charting systems for MAR (Medicine Administration Records) If you're one of the hundreds of thousands of students aspiring to enter the medical field, Medical Dosage Calculations For Dummies is your ticket for scoring your highest on exams.

*Easy 4-step Method to Drug Calculations* - S. D. Foust  
2004

This resource makes the difficult concept of drug dosage calculations easy to understand and master by utilizing a simple four-step method that focuses only on the information necessary for learning the skill. It has been class tested on hundreds of students. KEY TOPICS: Hundreds of practice problems are included that incorporate realistic patient scenarios, protocols, and the latest trends in treatment management. A worked out answer section clearly shows the step by step process of problem solving. Topics include: Calculating the Desired Dose, Calculating the Concentration, Calculating the cc's, Calculating the Drip Rate. A Final Review Section tests comprehension. MARKET: Paramedics, nurses, students, and any other healthcare professional who administers medication.

*Essential Drug Dosage Calculations* - Lorrie N. Hegstad  
1989

Drug Dosage Calculations - Geraldine Ann Medici 1988

Drug Dosage Calculations for the Emergency Care Provider  
- Alan A. Mikolaj 2003

Utilizing a simple, systematic approach, this comprehensive and practical book provides readers with all the tools necessary to solve just about every type of dosage and calculation problem. A step-by-step approach guides learners through the areas that pose the greatest challenges: mathematics, systems of measurement, the metric system, and systematic drug dosage calculation problem solving. Section I focuses on fractions and basic algebra functions essential to understanding and solving drug dose calculation. Section II discusses the history of systems of measurement, reviews the old customary system, and provides a complete explanation of the metric system and the federally approved rules governing the metric system in the United States. Section II explains in detail each type of dosage calculation problem that may be encountered in the emergency setting, with each chapter providing the building blocks for the next For the special group of professionals who dedicate themselves to the service of emergency patients.

**Drug Calculations Online for Clinical Calculations** -  
Susan Turner 2008-03-25

No matter what your preferred learning style, this engaging online course is designed to help you master all four main methods of drug calculation more quickly, easily, and efficiently than by studying on your own. You'll develop accurate drug calculation skills through practice, reinforcement, and interactive learning. Lesson modules correspond with each chapter of Kee's Clinical Calculations, 6th Edition, encouraging you to apply what you've learned in the text with skill-building practice problems, activities, animations, narrated examples, and even NEW interactive case studies. Explanations of all four major methods of drug calculation (ratio & proportion, formula, fractional equation, and dimensional analysis) help you discover

which method you're most comfortable using. Each module correlates with a chapter from the text, including an overview, learning outcomes, a lesson introduction, a reading assignment, example problems, practice problems, and quizzes. Extensive math instruction helps you master the basic skills needed to accurately calculate drug dosages. Narrated, step-by-step tutorials clearly explain how to solve many of the practice problems using your preferred calculation method. Animations bring topics to life, illustrating specific concepts related to drug calculation and administration. Interactive self-assessment activities - such as matching, sequencing, labeling, and multiple select - help you evaluate and apply your knowledge in context. Quizzes check your understanding of all major topics covered in each module. Interactive case studies in most chapter modules incorporate patient scenarios to help prepare you for real-world practice. The most current guidelines for safe medication practice from The Joint Commission and the Institute for Safe Medication Practice are included throughout. Updated drug labels and equipment photos familiarize you with the clinical environment. Coverage of the latest drug administration techniques and devices brings you up-to-date on clinical practice, featuring explanations of oral, intravenous, intramuscular, subcutaneous, and other routes used in drug administration. An audio glossary defines relevant terminology and lets you hear how to correctly pronounce terms.

**Medical Dosage Calculations** - June Looby Olsen 2004  
The Eight Edition of "Medical Dosage Calculations" continues to be a user-friendly drug calculation text and workbook. Utilizing a dimensional analysis approach, this comprehensive resource begins with simple arithmetic and progresses to the most complex drug calculation problem. Completely revised and updated to include the latest practices and medications, an updated comprehensive review section, and a new companion website, it provides all of the details for a complete understanding of these most critical calculation skills.

NEW--Companion Website--www.prenhall.com/olsen--with critical thinking questions and more. Revised and updated to include the latest practices and medications. Updated questions, critical thinking case studies, practice problem sets, and self-tests. Over 1000 problems throughout. Exercises complete with solutions for a complete look at the step-by-step process. A comprehensive review section is ideal for reference and self-testing. An arithmetic review (Chapter 1) provides a foundation for the calculations that follow throughout the text. Actual drug labels are real-life examples of what is used in health care settings. The most frequently used drugs organized by both generic and trade names.

Dosage Calculations - Anthony Giangrosso 2013-09-19  
This is the eBook of the printed book and may not include any media, website access codes, or print supplements that may come packaged with the bound book.  
DRUG DOSAGE CALCULATIONS: A MULTI-METHOD APPROACH introduces all three of today's leading methods of dosage calculation: Dimensional Analysis, Ratio & Proportion, and Formula. It walks step-by-step through solving dosage problems utilizing all three methods, often comparing multiple approaches to solving the same problem side-by-side. Instructors can choose their preferred method, and students can become expert with all three, ultimately choosing the approach they find most efficient. Unit I offers a diagnostic arithmetic test, reviews basic math skills, presents essentials of medication administration, and offers an easy, common sense introduction to dimensional analysis. Next, the text introduces essential metric and household medication systems and conversions. Then, building on these foundations, the text offers in-depth coverage of calculating oral, parenteral, intravenous, and enteral dosages, including flow rates, titrating IV medications, pediatric dosages, and daily fluid maintenance.

**Calculation of Drug Dosages E-Book** - Sheila J. Ogden  
2018-12-29

Covering the ratio and proportion, formula, and

dimensional analysis methods of drug calculation, *Calculation of Drug Dosages*, 11th Edition is designed to help you master these methods. A basic review of mathematics serves to refresh your skills if you are weak or inexperienced in math, and plenty of practice problems help you become competent in making drug calculations. Known for its worktext format, this text offers multiple worksheets pre-and post-tests and a comprehensive post-test - making it ideal to be used in the classroom or for individual study. Streamlined and updated to reflect current practice, this resource helps you learn to calculate drug dosages accurately and with confidence. UPDATED! Safety in Medication Administration chapter reflects current standards. UPDATED! Pediatric and Obstetric chapters revised by expert contributors. UPDATED! The Intake and Output section includes additional questions to reinforce your understanding. UPDATED! Medications changed to generic names to reflect what you will encounter on the NCLEX®. UPDATED! Physician orders sheet and medication administration records (MAR's) reflect the look of electronic records currently used in practice. An extensive math review covers the basic math skills essential for accurate calculation of drug dosages. Chapter worksheets allow you to practice solving realistic problems. Post-tests at the end of each chapter let you assess your understanding of content. An Alert box highlights information crucial to math calculation and patient safety. A comprehensive post-test at the end of the book offers additional practice and accurately gauges your overall understanding. A logical structure is organized from simple to complex, helping you to absorb and retain knowledge. UPDATED! Medication labels have been updated.

**Dosage Calculations** - Gloria D. Pickar 2021

"Introduces Canadian nursing and allied health students to the standard methods used to accurately calculate drug dosages in their care of patients. Provides an overview of the three standard calculation methods and reviews basic arithmetic skills."--

*Henke's Med-Math* - Susan Buchholz 2008-09-01

Now in its Sixth Edition, this best-selling text features a highly visual, hands-on approach to learning dosage calculations and principles of drug administration. It presents step-by-step approaches to solving problems and includes dosage problems that simulate actual clinical experience. Each chapter includes numerous examples, self-tests, and proficiency tests. This edition presents all four methods of calculation side by side: ratio, proportion, formula, and dimensional analysis. New material on enteral feedings, heparin infusions, and insulin infusions is included. Drug labels are current, and problems use JCAHO-approved abbreviations. A handy quick-reference plastic pull-out card shows conversions and formulas.

**Math For Nurses** - Mary Jo Boyer 2019-09-16

Quickly Access Everything You Need to Calculate Dosages Effectively and Ensure Accurate Drug Delivery Current, compact and easy to use, Math for Nurses helps you perfect the basic math skills, measurement systems and drug calculations/preparations essential to successful nursing practice. Packed with real clinical examples and practice problems, this pocket-sized reference guides you step-by-step through the problem-solving and practical applications required in the nursing workplace. A handy pull-out quick reference card delivers fast access to basic equivalents, conversion factors and math formulas. Comprehensive dosage calculation coverage familiarizes you with ratio, proportion, formula and dimensional analysis methods of arriving at calculations. Practice problems throughout the text and review questions at the end of each chapter and unit test your retention and application capabilities. 300 additional Practice Problems and Answers available online through thePoint further enhance learning and retention. Learning Objectives focus your study and review on essential concepts and practices. Critical Thinking Checks help you analyze your results to dosage problems and ensure understanding of key content.

Drug Calculations & Drug Administration - Cynthia C.

Chernecky 2006

Designed to be a study and review series to help you get through the nursing school jungle. With this tool in your hands, you'll have no trouble mastering the complexities of drug calculations and oral, intramuscular, subcutaneous, topical and intravenous drug administration

Drug Calculations for Nurses: A Step-by-Step Approach 3rd Edition - Robert Lapham 2009-07-31

This best-selling pocket-sized book helps you perform drug calculations with confidence and competence. The completely updated third edition includes community practice and primary care settings, and a whole new section on pharmacology and medicines to put drug calculations into context. Starting with the basic mathematical skills required for calculations, including tips on using calculators and estimating answers, Drug Calculations for Nurses progresses to give you an understanding of basic pharmacokinetics and therapeutics. It also covers how drugs work in specific groups such as children and the elderly. The book takes you through step-by-step drug calculations with units and drug strengths clearly explained. Pre-test and a revision questions allow you to test and be confident in the skills you have acquired.

Math for Healthcare Professionals - Nancy DiDona 2010-10-22

Offers instructions and examples for healthcare professionals on how to calculate drug dosages using the dimension analysis, dosage formula, and ratio and proportion methods, and includes diagnostic test questions, illustrations, and two comprehensive examinations.

**Medical Dosage Calculations** - June L. Olsen Emeritus, RN, MS 2011-11-21

For courses in medical dosage calculation in departments of nursing, pharmacy, pre-med, pre-dental, and other health disciplines; and for courses covering dosage calculation in other programs, such as pharmacology, pediatrics and critical care. The complete and user-

friendly guide to safe drug dosage calculation Fully revised for current practices and medication, Medical Dosage Calculations remains the field's most complete, user-friendly and accessible drug calculation text and workbook. Using the dimensional analysis format it pioneered, students begin with simple arithmetic, progressing to the most complex drug calculations. As they develop mathematical skills for accurate dosage calculations, they also gain a thorough professional understanding of safe drug administration. Compared with competitors, our text contains deeper, more realistic problems, incorporating actual dosages and requiring real critical thinking.

**Medical Dosage Calculations** - June Looby Olsen 1987

**Calculation of Drug Dosages** - Sheila J. Ogden 2011-03-01 Master the critical skills necessary to competently and confidently calculate drug dosages using Calculation of Drug Dosages. Written by Sheila J. Ogden, MSN, RN and Linda Fluharty, RNC, MSN, this updated 9th Edition provides you with an extensive review of essential math concepts before introducing and clearly explaining the ratio and proportion, formula, and dimensional analysis methods of drug calculation. The book's popular "worktext" format builds on concepts as you go and reinforces what you learn with over 1,800 practice problems. Identify your strengths and weaknesses with an extensive math review, covering the basic math skills essential for accurate calculation of drug dosages. Use chapter worksheets to practice solving realistic problems. Assess your understanding of chapter content using post-tests at the end of each chapter. Retain content more easily and build on your prior knowledge through a logical organization. Get additional practice and accurately gauge your overall understanding with a comprehensive post-test at the end of the book. Stay focused with learning objectives that explain what you should accomplish upon completion of each chapter. Know the latest drugs and technology used in the market with updated drug labels and equipment photos. Study at your

own pace with 25 flash cards, now on Evolve, containing abbreviations, formulas, and conversions from the book. Check your work and see your mistakes with a detailed step-by-step answer key. Tap into a new chapter on obstetric dosages that provides you with practice problems using medications unique to this important nursing subspecialty. Use alert boxes that call attention to information crucial to math calculation and patient safety. Stay current with new content on Intake and Output (I & O). Reduce medication errors and increase patient safety via updated guidelines for The Joint Commission and Institute for Safe Medication Practice. Recognize the implications of drug accuracy with more drug labels added to critical care practice problems. Access Evolve online resources where you'll see 5-10 new practice problems related to each chapter and the new updated Drug Calculations Companion (Version 4), featuring an interactive student tutorial that includes an extensive menu of various topic areas within drug calculations such as oral, parenteral, pediatric, and intravenous calculations to name a few. And over 600 practice problems cover ratio-proportion, formula, and dimensional analysis methods.

*NURSING DRUG DOSAGES AND THEIR CALCULATIONS.* - G.L. CHATTRI 2016

**Calculating Drug Dosages** - Sandra Luz Martinez de Castillo 2016-09-27

Master math concepts. Ensure patient safety. Conquer your fears and understand the most common math concepts used in nursing practice today. Step-by-step guidance shows you how to accurately calculate drug dosages using all four methods. Build your confidence with thousands of review questions in the text.

**Drug Dosage Calculations** - Geraldine Ann Medici 1980-01-01

*Clinical Dosage Calculations* - Vanessa Brotto 2019-11-18 Clinical Dosage Calculations is a locally written, full-colour text covering the important aspects of dosage

calculations that students require to perform this essential part of clinical practice. An applied skills-focused text, Brotto uses real-life cases, worked examples and real medication charts and labels to engage students. Using a scaffolded approach to learning, the text starts with fundamental maths and familiarises students with medication charts and labels, then moves on to specialist area chapters, allowing learners to deepen their skills in a clinical context. Students engage in the activities of each chapter as an introduction to the concept before moving onto the final chapter where they can test their overall knowledge.

**Calculation of Drug Dosages – Binder Ready** – Sheila J. Ogden 2022-03

**Dosage Calculation Workbook** – NURSING. KAPLAN 2017-05-12  
Kaplan's Dosage Calculation Workbook is a practical guide to help nurses learn, practice, and master the math needed to correctly administer medications. Whether you have many years of nursing experience or are still in nursing school, you'll benefit from the clear, step-by-step breakdown of math concepts, with practice questions, chapter quizzes, and in-depth answer keys in each chapter. Edited and with an introduction by expert dosage calculation instructor Bart Brinkmann, DNP, ARNP, FNP-C, Kaplan's Dosage Calculation Workbook is an ideal review for certification and licensing examinations and a ready reference in the workplace. Features: \* Diagnostic quiz to focus your review \* Practice problems for oral, IV, and parenteral medication administration \* Dosage calculation practice using dimensional analysis, ratio-proportion, and formula methods \* Easy-to-follow examples and step-by-step explanations \* Calculation space throughout to work the practice problems \* Chapter quizzes with in-depth answer keys for immediate feedback  
Dosage Calculations Made Incredibly Easy! – Lippincott Williams Lippincott Williams & Wilkins 2015-11-14  
Dosage Calculations Made Incredibly Easy contains everything health care practitioners need to review and students need to learn about calculating drug dosages.

This entertaining and informative reference reviews the basic math needed to perform dosage calculation, including fractions, decimals, percentages, ratios, and proportions. It walks the nurse through the interpretation of hundreds of examples of drug orders and the performance of hundreds of complex dosage calculations, and provides information on deciphering difficult Abbreviations, dealing with unclear handwriting, reading medication labels, selecting administration equipment, and more.

Dosage Calculations for Nursing Students – Nurse Academy 2021-01-06

This is the official textbook on dosage calculations for nursing students created by Nurse Academy. Looking for the best dosage calculation book on Amazon? Look no further! For those struggling with basic and more complex nursing calculations, this is an essential text. This book represents a significant change in Nursing Practices with chapters being rearranged and consolidated. It is also designed to help nursing students to practice the math relevant to administering drugs in the normal course of a drug round. As much as it is not designed to be difficult, it will make students think. The list of decimals, fractions, and percentages given in the book are something you must learn. Most nurses and practitioners have already covered this at school. The book has employed the CASE approach, which is a step-by-step method for performing dosage calculations, drawn by the author from extensive experience across the continuum of care to bring a truly informative and dynamic resource to the readers. The book is presented in an order which follows a logical and sequential tract. Examples are offered and each chapter is interspersed with exercises for the reader to test their understanding. The review of Basic Calculations has been well revised, with more explanations and elaborations included in the worked examples. The three methods of dosage calculation are presented side-by-side in table format for every dosage calculation, updated chapter references, updated content

for dosing, and safe injection practices per CDC Guidelines and the Joint Commission. New information on heparin dosage protocol to reflect clinical environment practices has also been included. The chapters are devoted to the review of basic calculations, dosages of oral medications, drug doses for injection, intravenous infusion, and pediatric doses. This is a very useful book for nursing students who often wrestle with the complexities and nuances of drug calculation and administration. It works well as either a reference or as a read through. I would not recommend reading this book in one sitting; otherwise, numbers, facts, and figures will begin to blur into one. Throughout the book, drug dosages have been revised and updated. It must be noted that the aim of Nursing Calculations is to teach relevant skills in arithmetic and this book is not meant to be used as a pharmacology reference. We look forward to your feedback!★★★★ Nurse Academy  
Pharmaceutical Calculations - Mitchell J. Stoklosa 1986

*Calculation of Drug Dosages* - Sheila J. Ogden 2015-01-30  
Offers a drug calculation work text designed to provide a systemic review of mathematics and a simplified method of calculating drug dosages. Ogden and Fluharty include information on the dimensional analysis, ratio and proportion, and formula methods of drug calculation, as well as numerous practice problems. --From publisher description.

**Medical Dosage Calculations** - Anthony Giangrosso  
2021-12-11

DIGITAL UPDATE available for Spring 2022 classes For courses in medical dosage calculation in departments of nursing, pharmacy, pre-med, pre-dental, and other health disciplines, and for courses covering dosage calculation in other programs, such as pharmacology, pediatrics, and critical care. This ISBN is for the MyLab access card. Pearson eText is included. The field's most complete, accessible drug calculation text and workbook *Medical Dosage Calculations: A Dimensional Analysis Approach* helps students develop dosage calculation skills and

transfer those skills to the safe administration of medication in a clinical environment. Using their pioneering dimensional analysis method, the authors progress from simple math topics to more complex ones. As they go, students build both the core math skills and professional understanding needed to calculate drug doses accurately. With more than 1,000 realistic problems, the 11th edition update includes new and enhanced resources helping students visualize the complete dosage calculation process, including some of the more complex math concepts. Reach every student with MyLab Nursing for Dosage Calculations with Pearson eText MyLab® empowers you to reach every student. This flexible digital platform combines unrivaled content, online assessments, and customizable features so you can personalize learning and improve results, one student at a time. Please contact your Pearson Health Sciences Specialist about package options. Pearson eText is an easy-to-use digital textbook available within MyLab that lets students read, highlight, take notes, and review key vocabulary all in one place. If you're not using MyLab, students can purchase Pearson eText on their own or you can assign it as a course to schedule readings, view student usage analytics, and share your own notes with students. Learn more about Pearson eText.  
Dosage Calculations Made Incredibly Easy! - Springhouse 2002

This entertaining guide is now more fun, more up-to-date, and even easier to use -- an indispensable resource for nurses who want to take the stress out of dosage calculations. New to this edition are a chapter on dimensional analysis; numerous lighthearted learning aids called "Cheat Sheets"; and "Practice Makes Perfect" -- case study questions and answers that let nurses assess their progress. Contents include math basics; measurement systems; drug orders and administration records; calculating oral, topical, and rectal drug dosages; calculating parenteral injections and I.V. infusions; and calculating pediatric, obstetric, and critical care dosages.



**Nursing Calculations E-Book** - John D. Gatford 2011-03-18

This best-selling book enables nursing students to calculate drug doses accurately and quickly. It begins with a diagnostic test to pinpoint any weaknesses in basic arithmetic and is followed by specific exercises to remedy them. Examples are drawn from everyday clinical practice with graded exercises and answers. The content covers administering injections, tablets and mixtures intravenous infusions administering safe dosages to children. Nursing Calculations is an essential aid to safe clinical practice for student nurses and those returning to the profession. A diagnostic test at the start allows readers to review their knowledge of maths and identify their weak points Numerous exercises give plenty of practice in making drug calculations Answers to questions aid self-study Revision and summary exercises ensure that the reader fully understands the calculations The nursing context and use of actual drug labels allows the application of theory to everyday practice All medications reviewed and updated in accordance with current practice Revised layout to avoid crowded pages A portable laminated card placed inside the back cover with the key formulae that students need to remember Additional exercises, labels and paediatric examples Additional set of syringe diagrams A new table of abbreviations and their meanings and explanation of the 24-hour clock Addition of handwritten prescriptions to the medication label exercises to improve links to real-life practice

**Math for Nurses** - Mary Jo Boyer 2002

Now in its Fifth Edition, this compact, portable and easy-to-use pocket guide provides reference to dosage calculations and drug administration. Using a step-by-step approach, frequent examples are provided to illustrate problem-solving and practical application skills. Contains a review of math skills, measurement systems, and drug calculations and preparations, including dimensional analysis. New features include practice problems, a chapter on drug calculations with drug labels, and a pullout card with basic equivalents,

conversion factors, and math formulas. End of chapter reviews encourage reader practice. Details on special population considerations given in the pediatric and geriatric chapters. A great undergraduate resource!

*Calculation of Drug Dosages - E-Book* - Sheila J. Ogden 2013-12-27

Master the critical skills necessary to competently and confidently calculate drug dosages using *Calculation of Drug Dosages*. Written by Sheila J. Ogden, MSN, RN and Linda Fluharty, RNC, MSN, this updated 9th Edition provides you with an extensive review of essential math concepts before introducing and clearly explaining the ratio and proportion, formula, and dimensional analysis methods of drug calculation. The book's popular "worktext" format builds on concepts as you go and reinforces what you learn with over 1,800 practice problems. Identify your strengths and weaknesses with an extensive math review, covering the basic math skills essential for accurate calculation of drug dosages. Use chapter worksheets to practice solving realistic problems. Assess your understanding of chapter content using post-tests at the end of each chapter. Retain content more easily and build on your prior knowledge through a logical organization. Get additional practice and accurately gauge your overall understanding with a comprehensive post-test at the end of the book. Stay focused with learning objectives that explain what you should accomplish upon completion of each chapter. Know the latest drugs and technology used in the market with updated drug labels and equipment photos. Study at your own pace with 25 flash cards, now on Evolve, containing abbreviations, formulas, and conversions from the book. Check your work and see your mistakes with a detailed step-by-step answer key. Tap into a new chapter on obstetric dosages that provides you with practice problems using medications unique to this important nursing subspecialty. Use alert boxes that call attention to information crucial to math calculation and patient safety. Stay current with new content on Intake and Output (I & O). Reduce medication errors and

increase patient safety via updated guidelines for The Joint Commission and Institute for Safe Medication Practice. Recognize the implications of drug accuracy with more drug labels added to critical care practice problems. Access Evolve online resources where you'll see 5-10 new practice problems related to each chapter and the new updated Drug Calculations Companion (Version 4), featuring an interactive student tutorial that includes an extensive menu of various topic areas within drug calculations such as oral, parenteral, pediatric, and intravenous calculations to name a few. And over 600 practice problems cover ratio-proportion, formula, and dimensional analysis methods.

Curren's Math for Meds: Dosages and Solutions - Anna M. Curren 2014-01-01

Now in its 11th Edition, CURREN'S MATH FOR MEDS: DOSAGES AND SOLUTIONS is the preeminent authority on drug dosage calculations, ratio and proportion, and medication safety. Often imitated yet never equaled, the book delivers proven material with a concisely organized approach that takes you from basic to complex using a building block approach. . Coverage begins with chapters designed to review and confirm basic math principles. Common drug measures are introduced next, followed by detailed lessons on medication labels and dosage calculations. Instructions on body weight and body surface area, intravenous calculations, and pediatric medication calculations follow. This new edition of CURREN'S MATH FOR MEDS: DOSAGES AND SOLUTIONS features full-color photos of drug labels and syringes, as well as hundreds of examples, practice problems, self-test questions, and more for developing learners into safe and effective practitioners. Deliver your course with help from the master, Anna Curren, and CURREN'S MATH FOR MEDS: DOSAGES AND SOLUTIONS, 11th Edition—the only calculations text to reach more than a million learners! Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

**Drug Calculations for Nurses** - Robert Lapham 2015-06-05

The administration of drug treatments in hospitals has become increasingly complex. It sometimes involves potent drugs that may be fatal if administered incorrectly. The ability to perform drug calculations accurately is therefore paramount to prevent placing patients at risk. Drug Calculations for Nurses: A Step-by-Step Approach teaches healthcare professionals how to perform drug calculations with confidence and competence. It provides step-by-step guidance to carry out accurate drug calculations, with units and drug strengths clearly explained. This bestselling pocket-size book begins with the basic mathematical skills required to perform calculations, including tips on estimating answers. It then covers drug strengths and concentrations, dosage calculations, IV infusion therapies, and pharmacodynamics and pharmacokinetics. Two separate chapters focus on children and the elderly, addressing specific challenges encountered in these populations. Helpful worked examples, key points, and objectives are included in every chapter. Useful tables with common prescription abbreviations, estimation of renal function, and body surface area estimates are easily accessible through the appendices. This new edition comes with an online pre-test enabling readers to benchmark their knowledge. Specific weaknesses can then be identified and addressed in the printed book. Also included is a revision test that allows readers to assess their ability to perform drug calculations after completing the book.

Math for Nurses - Mary Jo Boyer 2015-09-23

Originally inspired by student requests for portable information to help with dosage calculation, Math for nurses: a pocket guide to dosage calculation and drug preparation, ninth edition, continues to be an essential resource for nurses.--Publisher.

Pharmacology Clear & Simple - Cynthia J Watkins 2018-04-18

Here's the must-have knowledge and guidance you need to gain a solid understanding of pharmacology and the safe administration of medications in one text. A body

systems approach to pharmacology with a basic math review and a focus on drug classifications prepare you

for administering specific drugs in the clinical setting.