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# Drug Calculations For Nurses Context For Practice

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Drug Calculations Online to Accompany Clinical Calculations

Calculations for Nursing and Healthcare

Nursing Calculations E-Book

Drug Calculations for Nurses: a Step-by-step Approach: Mathematics

Easy 4-step Method to Drug Calculations

Pharmacology for Nurses

Mulholland's The Nurse, The Math, The Meds - E-Book

Math and Drug Calculations Online for Nursing and Health Professions

Pharmacology

Drug Calculations for Nurses: A Step-by-Step Approach

Drug Calculations for Nurses

Gatford and Phillips' Drug Calculations, E-Book

Nursing in Context

Dosage Calculations

Clinical Dosage Calculations

Drug Calculations Online (Generic Version)

Numeracy, Clinical Calculations and Basic Statistics

Drug Calculations for Nurses

Drug Calculations for Nurses  
Clinical Calculations  
Contexts of Nursing  
Practical Nursing Calculations  
Mulholland's the Nurse, the Math, the Meds  
Ratio and Proportion Dosage Calculations  
Numeracy and Clinical Calculations for Nurses,  
second edition  
Math for Nurses  
Pharmacology for Nurses  
Drug Calculations for Nurses  
Numeracy and Clinical Calculations for Nurses  
Maths for Nurses  
Pharmacology Online for Pharmacology (Access  
Card)  
Pharmacology Online for Pharmacology Access  
Card  
The Midwife's Pocket Formulary E-Book  
Mulholland's the Nurse, the Math, the Meds -  
Binder Ready  
EBOOK: Essential Calculation Skills for Nurses,  
Midwives and Healthcare Practitioners  
Medical Dosage Calculations For Dummies  
Drug Calculations for Nurses: A Step-by-Step  
Approach 3rd Edition  
Pharmacology Online for Pharmacology (User  
Guide and Access Code)  
Nursing Calculations  
Havard's Nursing Guide to Drugs

## **MCCARTHY BRIGGS**

Drug Calculations  
Online to Accompany  
Clinical Calculations  
Scion Publishing Ltd  
In current midwifery practice, one of the competencies covered by midwives is medicines management. Midwives and students are required to have an understanding of the range of medicines used within their sphere of practice. The Midwife's Pocket Formulary provides both practising midwives and students with key information on the administration and management of medications in midwifery practice. Essential information, at a glance  
Convenient, pocket-sized format Clear, worked examples of

drug calculations  
Information on drug calculations now includes neonatal calculation and alternative calculation methods used by some HEIs 'Antidepressants' expanded to include current treatment therapies for existing mental health conditions, with safety information and guidance on current medications  
'Intravenous fluids' comprehensively updated and extended  
'Emergency drugs' completely revised to complement the NICE and RCOG guidance, with medications for each emergency grouped and cross-referenced to aid the reader Supported by up-to-date clinical guidelines from the National Institute of Clinical Excellence

(NICE) and the Royal College of Obstetricians and Gynaecologists (RCOG) Green top guidance Online pronunciation guide for drug terms and names.

### **Calculations for Nursing and Healthcare**

Scion Publishing Ltd Numeracy and Clinical Calculations for Nurses is a user-friendly introduction for student nurses that guides you from the basics to the core calculations required in a healthcare setting. To qualify as a registered nurse you will need to demonstrate proficiency and accuracy when calculating dosages of prescribed medicines. The second edition of Numeracy and Clinical Calculations for Nurses

features even more worked examples and practice tests, all designed to increase your confidence and competence in calculating drug dosages and performing other important clinical calculations – a critical issue in improving patient safety. Key benefits: Diagnostic test to assess your existing skills and knowledge. Back to basics chapter uses a step-by-step approach to ensure understanding – tested by nursing lecturers and their students. Self-assessment tests throughout each chapter enable you to monitor your progress. Extensive worked examples use authentic scenarios to set learning in context. Summary tests provide

practice for numeracy exams. Covers drug dosages and other clinical calculations such as pressure ulcer risk assessment tools, National Early Warning Score, hydration and fluid balance, Malnutrition Universal Screening Tool, BMI and ideal body weight. Answers provided for all tests. The book also features: Error alerts pointing out common errors and why they are sometimes made. Sense checks to help you avoid fundamental errors. Tips to help with calculations and relate them to clinical practice. Appendices covering safe administration of medicine, routes of administration, medication administration records, drug glossary, a handy multiplication grid and

simple conversion tables. Numeracy and Clinical Calculations for Nurses is required reading: Before the numeracy test at your student nurse interview. During your university course as you prepare for further numeracy exams. In practice as you get to grips with drug doses, BMI, drip rates, fluid balance, etc.

**Nursing Calculations E-Book** Saunders

With a concise, straightforward approach, this trusted text puts difficult concepts and essential drug calculation skills into a practical nursing context and prepares you for real-world responsibilities. Completely revised and updated with the most current information in nursing practice, a variety of strong

learning tools, and new NCLEX examination study questions, this latest edition makes pharmacology more accessible than ever. UNIQUE! Prototype Drug Charts provide you with quick reference to key drug information, including dosages, contraindications, drug-lab-food interactions, pharmacokinetics, and more. UNIQUE! An extensive Dosage Calculations unit strengthens your mathematical skills and eliminates the need for a separate calculations book. Nursing Process summaries guide you through client care and drug therapy within the step-by-step framework of the nursing process. Critical Thinking Case

Studies challenge you to apply your knowledge and analytical skills to realistic patient scenarios. A Principles of Drug Administration chapter guides you through drug administration procedures, addressing all routes of administration and various settings. Client Teaching sections prepare you for client interaction, with teaching tips for general drug administration, self-administration, diet, side effects, and cultural considerations. A companion CD reinforces your knowledge and enhances your review with approximately 450 NCLEX examination-style review questions, including alternate-

item format questions; 30 pharmacology animations; IV therapy and medication error checklists; drug calculation problems; and electronic dosage calculators. UNIQUE! Illustrated overviews of normal anatomy and physiology in all drug therapy chapters help you understand how drugs work in various body systems. An appendix on bioterrorism agents helps you recognize the clinical manifestations of bioterrorism weapons and respond with appropriate drug treatments. UNIQUE! Herbal Alerts provide quick reference to side effects, drug interactions, and additional information for popular herbs you may encounter in practice. NCLEX

Examination-style Study Questions prepare you for the growing pharmacology coverage on the NCLEX-RN exam. Updated and expanded Preventing Medication Errors boxes help you ensure safe drug administration. Targeted Therapies to Treat Cancer chapter familiarizes you with cutting-edge cancer treatments such as multikinase inhibitors, angiogenesis inhibitors, and monoclonal antibodies. A new unit helps you easily locate appropriate drug therapy for managing pain and inflammation. Additional photos and illustrations visually reinforce your understanding of drug actions and relevant anatomy and physiology. Separate

units on antibacterial and antiinfective agents clearly differentiate these commonly used agents. Page numbers accompany key terms for easier reference.

Drug Calculations for Nurses: a Step-by-step Approach: Mathematics  
Mosby

We both know that you didn't get into nursing to do Maths, you got into nursing to help people, but we also understand why getting the calculations right is important. If we are honest, we know that some people find Maths easier than others, and if you are one of those people who have always struggled with it, then the prospect of needing to learn yet more Maths for your professional practice may fill you with

dread. At [mathsfornurses.com](http://mathsfornurses.com) we believe that anyone can succeed with Maths. What you need is for somebody to take you through the ideas one step at a time, to explain to you why things work the way they do, to link the principles that you are learning to real-life contexts and to give you plenty of opportunities to practice, with guidance as you go. That's what we have created the Maths for Nurses book to do. Each chapter of the book focusses on just one Mathematical idea and doesn't take any prior knowledge for granted. In the first section of the book, the basics of numeracy are covered with chapters on place value, calculations, rounding, converting units, using



fractions, converting between fractions, decimals and percentages, using percentages and ratio. In each chapter, the ideas are explained thoroughly in a clear and easy-to-follow way. Methods are demonstrated with worked examples and then followed with 'Have a Go' questions for you to put into practice what you have learned. One of the free bonus materials that you get when you buy the book is access to a fully worked solution to every practice question, so if you ever get stuck you can see what your next step should be. Once you have completed a chapter, you will find a further exercise with 10 more practice questions for you to put your newly

developed skills to use. The second section of the book focusses on the application of these skills in a nursing context, with chapters on calculating dosages, oral dosages, intravenous dosages, dosage per weight, multiple doses, infusion rates, fluid balance and burns. Again, you will find clear explanations, step-by-step examples, 'Have a Go' questions as you learn and Practice Questions at the end of each chapter, with access to fully worked solutions to every question. At the end of each section of the book, you will find a collection of practice exam papers for you have a go at and put your skills to the test. The first collection contains four practice basic numeracy papers that

examine the skills developed in the first part of the book. The second collection is made up of four practice drug calculations papers that focus in on the applied skills of section two of the book, and that replicate the kinds of calculation that you will be called upon to make in your nursing practice.

*Easy 4-step Method to Drug Calculations*

Mosby Incorporated  
Worried about getting the dose wrong? Don't know your fractions from your decimals? You're not alone! Many people are not comfortable with their mathematical abilities but for most it's not a life or death situation. For nurses, however, a 'bad maths day' can have catastrophic consequences if drug

dosages are calculated incorrectly. Practical Nursing Calculations provides easy to understand explanations of key calculations. The many exercises offer opportunities to practise basic problem-solving to help build your confidence. The use of real-life situations demonstrates how maths is actually applied when working with patients. Realistic scenarios introduce common presenting illnesses and the medications used to treat them, and enables you to calculate their correct dosages. This book has been developed to assist you to gain competency in basic mathematical skills and problem-solving techniques which

require applied or conceptual mathematics. Practical Nursing Calculations has emerged from actual classroom curriculum and ten years of teaching in a major nursing school. Easy to use, Practical Nursing Calculations provides you with a thorough grounding in the fundamentals of mathematics and a sense of how to apply your knowledge in your professional lives. A sound teaching and learning resource, this book is appropriate for self-directed learning or as a classroom guide. This text is accompanied by a password-accessed website with extra exercises and quizzes. [www.allenandunwin/nursing](http://www.allenandunwin/nursing)  
*Pharmacology for Nurses* Mosby

Incorporated  
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 Mulholland's The Nurse, The Math, The Meds - E-Book Reflect Press Limited 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.

**Math and Drug Calculations Online for Nursing and Health Professions**

McGraw-Hill Education (UK)

The original is now a classic. Clinical Calculations was the first text to introduce the dimensional analysis method of calculating dosages, an approach rapidly becoming the method of choice for nurses. The fifth edition of this trailblazer showcases its proven strengths: a clear writing style, workbook-style format, strong IV therapy content, and clinical

applicability. Critical thinking is encouraged in conjunction with memorized rules by asking learners to always consider whether their answers make sense. It does this within the context of providing the core knowledge-base for dosage calculation and administration for learners of all levels and experience. Chapters cover the range of practice, including systems of measurement, oral and parenteral medications, basic and advanced intravenous medications, and pediatric dosage. Just as the title suggests, this resource is the ideal tool for calculation in a clinical setting. With copious reference tools, outlined injection sites for IV therapy, and

unique performance criteria for evaluating nurse competency, the tradition of excellence and innovation continues.

*Pharmacology* Elsevier Australia

This bestselling pocketbook makes calculating medicine easy. Now in its tenth edition, it has been revised as a practical guide to rapid and accurate drug calculations for all health professionals who prescribe, supply and administer medication. Gatford's *Drugs Calculations* supports the fundamental mathematical skills needed on the wards, then goes further to provide context and tips for application. With examples taken from everyday practice, readers will

learn calculations for administering injections, tablets and mixtures, intravenous infusions, and safe dosages for children and the elderly. Not only will this essential aid boost your healthcare numeracy and confidence, the skills you develop will ensure patient safety when calculating drugs for which you are responsible and accountable in future. Case scenarios and practical examples bring drug calculations to life Introduction to the forms of medications - solid, liquid, infused and paediatric - enhances reader knowledge Covers medication administration concepts, mathematical formulas and pharmacokinetics related to calculating

the bioavailability of medications Safety messages and alerts ensure patient safety 'Super case' follows patient through the lifespan to consolidate learning Images and icons make the text easy to navigate *Drug Calculations for Nurses: A Step-by-Step Approach* Elsevier Health Sciences Maths can be an unnecessary source of anxiety for both students and professionals involved in nursing and healthcare. Now the new edition of Coben & Atere-Roberts' classic text tackles this issue head-on, providing valuable support and advice for those who need it. Building on the success of its predecessor, the second edition provides practical help

in a user-friendly format, offering refreshers on maths and anchoring suggested strategies to real-life situations.

There are new sections on nurse prescribing, care of older patients and the organization of healthcare work - all designed to reflect the changing responsibilities within the nursing and healthcare fields. The result is an indispensable guidebook that leaves nurses and other health professionals free to concentrate on caring for patients safely and effectively.

Drug Calculations for Nurses Mosby

Incorporated

This online drug calculations course consists of 11 modules corresponding to the parent text, Kee

Clinical Calculations, 5th Edition. Through the online Evolve course management system, this learning tool serves as a complete drug calculations program to teach and reinforce good math skills.

Because each module works with the textbook, students can read chapter content and then apply and practice what they have learned online through repetition, practice problems, animations, and interactive activities.

Available as a package with the text for student savings. This online course provides extensive math instruction to help students master the basic skills needed to accurately and effectively calculate drug dosages. The



content includes all four major drug calculation methods (ratio & proportion, formula, fractional equation, and dimensional analysis) to expose the user to all calculation methods, so they can choose their preferred method. Each module is organized by topic sections that include an overview, objectives, a reading assignment, example problems, practice problems, and quizzes. All of the math practice problems include Solution Buttons for each of the four drug calculation methods, giving the user a step-by-step tutorial for solving the problem. Animations are used throughout the course to demonstrate various concepts related to drug administration.

Interactive self-assessment activities such as matching, sequencing, labeling, and multiple select activities, similar to the types of questions now seen on the NCLEX® examination, allow students to apply their knowledge in context. Engaging audio commentary enhances the step-by-step explanation of math skills and drug calculation methods, in addition to livening up instruction and discussion. Quizzes within each module allow students to test their knowledge of all major topics covered in that particular section. Comprehensive test bank is included to help the instructor build quizzes and tests. Information on the latest drug administration

techniques and devices includes detailed explanations of oral, intravenous, intramuscular, subcutaneous, and various other routes used in drug administration.

Material on the most up-to-date, commonly used drugs provides exposure to what is being used in the real world of clinical practice. Information on infusion pumps helps users understand their increasing role in drug administration.

*Gatford and Phillips' Drug Calculations, E-Book* Prentice Hall

This is a guide to basic arithmetic for nurses, put in the context of drug calculations. It begins with a diagnostic test so readers can review their knowledge of arithmetic and identify

their weak points. It then focuses on the arithmetic of nursing, particularly the arithmetic of pharmacology.

Nursing in Context

Bloomsbury Publishing

This innovative text uses a 'common sense' approach to introduce students to real-life medication problems. Featuring a range of exercises and assessments and supported by an interactive companion website, this is the perfect handbook for anyone seeking to improve their numeracy skills for medication administration.

**Dosage Calculations**

Routledge

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. Clinical Dosage Calculations CRC Press Using a strong pathophysiology prototype approach to place drugs in context with how they are used therapeutically, this book gives readers a clearer picture of the importance of pharmacology to disease and ultimately to patient care. This holistic perspective to patient care is organized according to the body systems and diseases with complete information on the drug classifications used to treat the diseases. Easy to follow presentation, extensive pedagogical aids enable students to identify key ideas, understand concepts and apply essential

components of anatomy, physiology and pathology relevant to drug therapy. The volume comprehensively covers core concepts in pharmacology, pharmacology and the nurse-patient relationship, the nervous system, the cardiovascular and respiratory systems, the immune system, the gastrointestinal system, endocrine and genitourinary systems, the integumentary system, musculoskeletal system, and eyes/ears. *Drug Calculations Online (Generic Version)* Elsevier Health Sciences Improve your understanding of nursing pharmacology with *Pharmacology Online*, 10th Edition. Corresponding to

*Pharmacology: A Patient-Centered Nursing Process Approach*, 10th Edition, this online course features a collection of interactive, self-paced learning modules that makes it easier to learn everything from basic principles to dosage calculation, drug administration, and more - all within context of the nursing process. These self-study modules feature true-to-life case studies, videos, animations, NCLEX(R) Examination-style quizzes, and more to help you understand how drugs work and how to administer them safely in the clinical setting. 21 self-study modules provide a thorough review of the basic principles of pharmacology, drug dosage calculations,

and several major drug content areas using a combination of media. 25 animations foster easier learning of difficult pharmacology topics. Audio glossary presents a definition and an audio pronunciation for more than 1,400 terms and drug names. UNIQUE! 16 Roadside Assistance video clips use humor and analogy to bring difficult content to life. Case studies with corresponding quizzes use true-to-life clinical scenarios to promote learning by doing in the safety of a virtual clinical setting. Interactive learning activities provide review of critical drug content in a game-like activity format. Practice quizzes for the NCLEX examination feature approximately 500 self-scoring

questions with rationales. Discussion questions develop students' knowledge of clinical practice by asking students to apply their learning to scenarios like those they will encounter in practice. NEW! Updated online drug handbook reflects the content of Saunders Nursing Drug Handbook 2020 and provides hands-on practice consulting with an up-to-date drug reference for clinical decision-making. NEW! Updated content matches the chapters in Pharmacology: A Patient-Centered Nursing Process Approach, 10th Edition, and reflects major new drugs, new drug classes, new therapeutic uses, and discontinued drugs. Numeracy, Clinical

Calculations and Basic Statistics W B

Saunders Company

This new edition of *Drug Calculations for Nurses* 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.

Separate chapters focus on children, adults and the elderly, addressing specific challenges encountered in these populations, with new content on pregnancy, and renal and liver function. Helpful worked examples, key points, and objectives are included in every chapter, and this new edition includes more calculations for prescribing and patient-focused scenarios. The companion website, [www.drugcalcsnurses.co.uk](http://www.drugcalcsnurses.co.uk), provides a comprehensive test bank, with a pre-test and revision test to identify strengths and weaknesses, along with additional practice questions for readers to test themselves on. Designed for students and practitioners in

nursing, midwifery and allied health, this textbook enables readers to improve their numeracy skills for clinical practice and develop their understanding of the broader context for these calculations.

**Drug Calculations**

**for Nurses** Saunders

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 skill

**Drug Calculations**

**for Nurses** CRC Press

This valuable textbook will help nurses and other health care students achieve confidence and proficiency in performing a variety of calculations, both in the clinical environment and in written tests. It discusses the increasing demands placed upon the numeracy skills of nurses and considers potential sources of calculation errors. The basics of the decimal system and the four methods of performing calculations are reviewed. Formulae for calculating drug dosages are explored and the use of numeracy in other areas of clinical practice is examined. The book contains a considerable number of 'self-tests' to provide

students with feedback on their learning and answers to these activities are provided at the back of the book. All basic calculations will be presented in a health care context with real-world examples from a wide range of practice settings including nursing, midwifery, child health, etc. Numeracy, Clinical Calculations and Basic Statistics is designed specifically for undergraduate pre-registration nursing and midwifery students. It is also suitable for students on Foundation Degree courses, Access courses, Return to Practice programmes and NVQ courses. Clinical Calculations John Wiley & Sons 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.