

## **Clinical Decision Making Case Studies In Medical Surgical Nursing Ankner Clinical Decision Making**

Pediatric Primary Care Case Studies is a collection of pediatric case studies of common health problems of well, acutely ill, and chronically ill children. This text provides students with the opportunity to assess the scenario, differential diagnoses, treatment and educational plans. The cases include history and physical examination data and provide suggested case solutions. The cases include developmental, behavioral, and disease problems written to include family, cultural, and other contextual issues which must be considered to provide optimal care. Current guidelines and evidence-based research are used to support the care recommendations. Pediatric Primary Care Case Studies provides realistic ambulatory care cases that allows students to develop their critical thinking skills as they work through common situations faced by health care providers.

This book is the first exclusively devoted to the systematic synthesis of diagnostic test accuracy studies. It builds upon the major recent developments in reporting standards, search methods, and, in particular, statistical tools specifically devoted

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to diagnostic studies. In addition, it borrows extensively from the latest advances in systematic reviews and meta-analyses of intervention studies. After a section dedicated to methods for designing reviews, synthesizing evidence and appraising inconsistency in research, the application of these approaches is demonstrated in the context of case studies from various clinical disciplines. Diagnosis is central in medical decision-making, and in many other fields of human endeavor, such as education and psychology. The plurality of sources of evidence on diagnostic test accuracy poses a huge challenge for practitioners and researchers, as do the multiple dimensions of evidence validity, which include sensitivity, specificity, predictive values, and likelihood ratios. This book offers an invaluable resource for anyone aiming to improve decision-making processes in diagnosis, classification or risk prognostication, from epidemiologists to biostatisticians, radiologists, laboratory physicians and graduate students, as any physician interested in refining his methodological skills in clinical diagnosis.

Includes: Case Studies, Questions, Suggested Answers, and References.

The Clinical Decision Making series is the most ambitious attempt to bridge the gap between content knowledge and clinical application. Clinical Decision Making: Case Studies in Pediatrics recognizes that numerous considerations, or

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variables, factor into making nursing decisions. This book contains 40 pediatric case histories and questions, based on real life client situations, which make learning easier and more memorable than a textbook discussion or lecture based on textbook content. Every case contains an introductory "blueprint" of variables that must be considered while evaluating that particular scenario, which are pertinent concerning the client, nursing protocol, and setting of care. Examples of these variables include the client's age, gender, or culture, the client with a pre-existing condition, legal issues, or communication skills. Each blueprint is different, just as each clinical situation is unique. By simulating the actual decision-making process, learners gain a comfort level to make informed clinical judgments that will help them become successful nurses. Quite simply, Clinical Decision Making shortens the distance between the classroom and nursing practice like never before.

Created especially for nurses, the Clinical Decision Making series helps to bridge the gap between content knowledge and clinical application. Case Studies in Maternity & Women's Health is the first installment in this innovative series, which provides over forty maternity and women's health case histories, questions, and responses based on real life client situations. Every case contains an introductory "blueprint" of variables that must be considered while evaluating a particular

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scenario, which are pertinent concerning the client, nursing protocol, and setting of care. Examples of these variables include age, gender, or culture of the client, the client with a pre-existing condition, legal issues, or communication skills. Each blueprint and case is different, just as each clinical situation is unique to others. By allowing learners to simulate the actual decision-making process, they can gain a comfort level to make informed clinical judgments that will help them become successful nurses. Quite simply, Clinical Decision Making shortens the distance between the classroom and nursing practice like no other educational tool.

« Clinical Decision Making for Adult-Gerontology Primary Care Nurse Practitioners provides a systematic approach to clinical decision making for a wide variety of commonly encountered primary care issues in adult and geriatric practice. Unlike other textbooks, it details a progressive approach to handling such issues by focusing on the complete visit from history intake through management and follow-up care. The goal of this text is to enable students to learn a systematic approach to clinical problems and use evidence-based guidelines to direct their management decisions. Designed for both the student and the newly practicing NP, this text serves as a guide to increase the practitioner's confidence with the application of assessment skills, diagnostic choices, and management approaches. Throughout the text students will find guidelines for the adult-gerontology nurse practitioner role as well as a real-life case studies that demonstrate what an NP may encounter in the clinical practice

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environment. The text is written at an application level, employs up-to-date evidence-based literature, and features practice questions—all of which make this a strong resource for certification preparation. »--

This book takes an in-depth look at the emerging technologies that are transforming the way clinicians manage patients, while at the same time emphasizing that the best practitioners use both artificial and human intelligence to make decisions. AI and machine learning are explored at length, with plain clinical English explanations of convolutional neural networks, back propagation, and digital image analysis. Real-world examples of how these tools are being employed are also discussed, including their value in diagnosing diabetic retinopathy, melanoma, breast cancer, cancer metastasis, and colorectal cancer, as well as in managing severe sepsis. With all the enthusiasm about AI and machine learning, it was also necessary to outline some of criticisms, obstacles, and limitations of these new tools. Among the criticisms discussed: the relative lack of hard scientific evidence supporting some of the latest algorithms and the so-called black box problem. A chapter on data analytics takes a deep dive into new ways to conduct subgroup analysis and how it's forcing healthcare executives to rethink the way they apply the results of large clinical trials to everyday medical practice. This re-evaluation is slowly affecting the way diabetes, heart disease, hypertension, and cancer are treated. The research discussed also suggests that data analytics will impact emergency medicine, medication management, and healthcare costs. An examination of the diagnostic reasoning process itself looks at how diagnostic errors are measured, what technological and cognitive errors are to blame, and what solutions are most likely to improve the process. It explores Type 1 and Type 2 reasoning methods; cognitive mistakes like availability bias,

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affective bias, and anchoring; and potential solutions such as the Human Diagnosis Project. Finally, the book explores the role of systems biology and precision medicine in clinical decision support and provides several case studies of how next generation AI is transforming patient care.

Clinical Decision Making: Case Studies in Medical-Surgical Nursing Cengage Learning  
Clinical Cases in Paramedicine provides students, educators, and early career paramedics with a diverse range of detailed case studies that realistically represent the conditions, scenarios, and challenges encountered in practice. Integrating evidence-based cases and expert insights from leading academics and practitioners, this engaging resource helps readers develop appropriate decision-making skills and apply theoretical concepts to practical situations. Organised by medical presentations and body systems, the text provides readers with a systematic framework that mirrors how paramedics assess cases in the real world. Throughout the text, cases of varying levels of complexity are designed to meet the needs of Case-Based Learning (CBL) and Problem-Based Learning (PBL) curricula used in paramedic training programmes worldwide. Each chapter contains six case studies—introductory, intermediate, and advanced—and features interactive learning activities, discussion questions, practical tips, and authoritative guidance aligned to national and international best-practice standards. Case studies illustrate scenarios related to trauma, medical emergencies, obstetrics, respiratory and cardiac events, minor injuries, drug overdoses, and many others. This comprehensive resource: Features case studies of varying lengths and degrees of complexity to suit different readers, from student to professional Suitable for use in many international programmes Offers chapter introductions and summaries, practice questions, and

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additional online resources Contains clinical, legal, ethical, cultural, remote and rural case studies Includes a cumulative and comprehensive “Test Your Knowledge” concluding chapter Those studying or working in paramedicine must keep pace with changes in the field using the latest evidence and expert opinion. Clinical Cases in Paramedicine is an essential volume for paramedic students and early-career professionals, as well as educators, lecturers, and trainers.

In recent years, the rapidly growing field of community participation has promised to give people formerly excluded from decision making an influential voice about issues that affect their lives. Inclusive processes implemented in the United States and internationally have certainly given community members new opportunities to participate and be involved, but how effective are these processes in promoting the voice and influence of the people who have historically been excluded the most—the poorest, least educated, and most marginalized residents in communities? Of the various participants who have “a seat at the table,” whose voices are influential, whose aren’t, and why? This book summarizes how five community partnerships, working with a team of researchers, attempted to answer these critical questions. Investigating 10 cases—two from each community partnership—the study tracks the ideas of everyone involved and reveals how and why the ideas of marginalized and ordinary residents were far less likely to be influential than those of people with more clout, resources, or acknowledged expertise. Finally, the authors explain how and why these influence inequities can be overcome, providing readers with practical, evidence-based tools to help them do so. The book should be helpful to readers involved in any form of active community participation, from participatory research to civic engagement, deliberative democracy, and community

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initiatives. Instructors considering this book for use in a course may request an examination copy [here](#).

This unique resource contains 40 psychiatric nursing case studies and questions, based on real-life client situations. Organized by difficulty level, the cases in this book and questions about each case history help to keep the focus on the client and the nursing process. Questions and answers are designed to address the need for empathy, attitude adjustment, opened-mindedness, trust building, maintaining confidentiality, limit setting, delegating appropriately, collaborating with other professionals and making decisions. Each scenario is practical and realistic. Critical problems arising in psychiatric nursing are addressed throughout the book, including those both common and rare. The user has an opportunity to decide appropriate nursing action if encountering each of the problems presented, to reflect on whether the nursing staff in the scenario made the best decision, and to provide a rationale for his or her answer. The user can then consult the suggested answer/rationale for remediation, and find what a reasonable and prudent psychiatric nurse would do in that particular situation. Legal and ethical concerns are addressed throughout the cases, which simulate concerns arising in similar real-life situations that nurses find while practicing. Clients with psychiatric problems are encountered in a variety of settings -such

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as medical or community- so nurses not specializing in psychiatric nursing are represented in some of the cases.

This essential text presents and explains every aspect of clinical decision making, providing a sound base of knowledge for confidence and accuracy. Its format incorporates principles of problem-based learning methods that are used in many nursing programs. The revised Second Edition contains 20 new case studies of the most common diseases and disorders encountered in family practice; each includes a review of all the information necessary for developing a plan of care and emphasizes differential diagnosis and clinical reasoning for the nurse practitioner. The text's problem-oriented format promotes and strengthens critical thinking skills. Additional features include: tutorials; holistic health considerations; case accuracy; laboratory tests that require learners to interpret tests and their impact on a patient's condition; interdisciplinary collaboration; decision trees that are applicable to each case; research-based outcomes; complementary therapies; and much more. A Brandon-Hill Recommended Title. Reflecting the latest practices in the field, *Clinical Decision Making: Case Studies in Medical-Surgical Nursing*, 2nd edition bridges the gap between classroom knowledge and clinical application. Emphasizing holistic nursing care, this resource helps nursing students sharpen their critical thinking skills and gain

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experience applying what they have learned. The more than 40 medical-surgical case histories and related questions, and responses are based on real-life client situations. Every case contains an introductory blueprint of variables that must be considered while evaluating a particular scenario concerning the client, nursing protocol, and setting of care. Each blueprint and case is different, just as each clinical situation is unique. As learners simulate the actual decision-making process, they gain valuable experience making informed clinical judgments that will help them become successful nurses. Categorized by complexity, the book appeals to a broad range of learning levels and styles. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Includes answers to the cases in the core book.

By simulating the actual decision-making process, learners gain a comfort level to make informed clinical judgments that will help them become successful nurses.

Cases in Pediatric Acute Care presents over 100 real-world pediatric acute care cases, each including a brief patient history, a detailed history of present illness, presenting signs and symptoms, vital signs, and physical examination findings. Ideal for developing a systematic approach to diagnosis, evaluation, and treatment, this

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resource provides students and advanced practitioners with the tools required to deliver comprehensive care to acute, chronic and critically ill children. The cases encompass a wide range of body systems, medical scenarios, professional issues and general pediatric concerns, and feature laboratory data, radiographic images and information on case study progression and resolution. Develops the essential skills necessary to provide the best possible pediatric acute care Discusses the most appropriate differential diagnoses, diagnostic evaluation, and management plans for each case Presents cases related to pulmonary, cardiac, neurologic, endocrine, metabolic, musculoskeletal, and other body systems Highlights key points in each case to quickly identify critical information Cases in Pediatric Acute Care is an excellent resource for advanced practice provider students and pediatric healthcare providers managing acutely ill children.

Created to provide a convenient way for you to use these popular case studies online, the online version includes the option to purchase one, two or all five books in the series. A convenient answer form is included for students to send in their responses. Answers to the cases are provided in a separate instructor file.

This is a presentation and explanation of aspects of clinical decision-making. An introductory chapter on clinical decision-making is followed by case studies of the most common diseases and disorders encountered in family practice. Each case study includes a review of the information necessary for developing a plan of care. The cases

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are holistically-focused and include lifespan considerations. Emphasis is placed on assessment, physical examination, diagnosis and treatment planning. The text's problem-oriented format is designed to promote and encourage thinking skills. A section of tutorials at the end of the text provides selected answers and rationales to reinforce the learned material.

Created especially for nurses, the Clinical Decision Making series helps to bridge the gap between content knowledge and clinical application. Case Studies in Maternity and Pediatric Nursing provides 80 nursing case histories that include critical thinking questions and answers based on real-life client situations. Every case contains a blueprint of variables that must be considered while evaluating a particular scenario, and are pertinent concerning the client nursing protocol and setting of care. Examples of these variables include age, gender, cultural influences, pre-existing conditions, legal issues, or communication skills. Each blueprint and case is different just as each clinical situation is unique. By simulating the decision-making process, learners gain the confidence needed to make informed clinical judgments that will make them successful practitioners. Simply stated, Clinical Decision Making shortens the distance between theory and practice like no other educational tool!

Quite simply, Clinical Decision Making shortens the distance between theory and nursing practice like no other educational tool."--BOOK JACKET.

With at least 40% new or updated content since the last edition, Clinical Decision

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Support, 2nd Edition explores the crucial new motivating factors poised to accelerate Clinical Decision Support (CDS) adoption. This book is mostly focused on the US perspective because of initiatives driving EHR adoption, the articulation of 'meaningful use', and new policy attention in process including the Office of the National Coordinator for Health Information Technology (ONC) and the Center for Medicare and Medicaid Services (CMS). A few chapters focus on the broader international perspective. Clinical Decision Support, 2nd Edition explores the technology, sources of knowledge, evolution of successful forms of CDS, and organizational and policy perspectives surrounding CDS. Exploring a roadmap for CDS, with all its efficacy benefits including reduced errors, improved quality, and cost savings, as well as the still substantial roadblocks needed to be overcome by policy-makers, clinicians, and clinical informatics experts, the field is poised anew on the brink of broad adoption. Clinical Decision Support, 2nd Edition provides an updated and pragmatic view of the methodological processes and implementation considerations. This book also considers advanced technologies and architectures, standards, and cooperative activities needed on a societal basis for truly large-scale adoption. At least 40% updated, and seven new chapters since the previous edition, with the new and revised content focused on new opportunities and challenges for clinical decision support at point of care, given changes in science, technology, regulatory policy, and healthcare finance Informs healthcare leaders and planners, health IT system developers,

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healthcare IT organization leaders and staff, clinical informatics professionals and researchers, and clinicians with an interest in the role of technology in shaping healthcare of the future

A collection of twenty-two unique and provocative real-life medical-surgical nursing case studies with rationales, this resource emphasizes holistic nursing care as it helps sharpen critical thinking skills and strengthens clinical competence.

Created especially for nurses, the Clinical Decision Making series helps to bridge the gap between content knowledge and clinical application. Case Studies in Medical-Surgical, Pharmacologic, and Psychiatric Nursing provides 120 nursing case histories that include critical thinking questions and answers based on real-life client situations. Every case contains a blueprint of variables that must be considered while evaluating a particular scenario, and are pertinent concerning the client nursing protocol and setting of care. Examples of these variables include age, gender, cultural influences, pre-existing conditions, legal issues, or communication skills. Each blueprint and case is different just as each clinical situation is unique. By simulating the decision-making process, learners gain the confidence needed to make informed clinical judgments that will make them successful practitioners. Simply stated, Clinical Decision Making shortens the distance between theory and practice like no other educational tool!

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