
This quick-access resource delivers a practical orientation for the cath lab. For nurses with a background in cardiac care or intensive care, the cath lab is replete with new challenges and learning opportunities. It is an increasingly complex environment with increasingly challenging procedures. Most effectively run by an interdisciplinary team, all healthcare providers in the cath lab uphold different roles to contribute to patient care and achieve successful procedural outcomes. Fast Facts for the Cath Lab Nurse clearly presents the role of the nurse in the cath lab and how to assist with basic and advanced cath lab procedures. Written in a simple, easy-to-read format with streamlined, bulleted information, this orientation guide breaks down procedures and provides essential information for each step. Chapters cover interpreting pressure waveforms, understanding various calculations, identifying angiographic images, and more competently providing care to patients in the peri-procedural period. Key Features Provides tables, examples of common hemodynamic calculations, images of pressure waveforms and angiogram Begins each chapter with key learning objectives Provides a quick anatomy review Assists with Registered Cardiovascular invasive Specialist (RCIS) certification

Written for novice neonatal nurses and those new to the NICU, this concise, easy-to-use resource delivers all the essentials of daily practice for the care of neonates and their families. Families experience dramatic transformations as roles develop and change during the newborn period. Throughout it all, they rely on the nurse's expertise, support, and encouragement to learn to care for their child and meet the newborn's most basic needs. Fast Facts for the Neonatal Nurse, Second Edition begins with a streamlined yet comprehensive review of normal newborn characteristics. With this foundation, chapters walk through a variety of common and uncommon newborn physiological changes to enable the neonatal nurse to detect any possible complications that warrant additional assessment. This second edition provides more in-depth content on high-risk conditions to promote the safest, high-quality care to the entire newborn patient population. Grounded in evidence-based practice, all chapters in this edition have been updated with the newest neonatal interventions and protocols. New to the Second Edition: Introduces a new “High Risk Care” section specific to the needs of neonates with conditions that may warrant high risk or NICU settings Contains THREE new chapters: Introduction to the Neonatal Intensive Care Unit Management of Common NICU Complications Neonatal Ethical Conflicts & Considerations Key Features: Provides essential information for new neonatal nurses in concise, consistent, easy-to-use format Contains crucial knowledge for comprehensive, holistic care for both low-risk and high-risk neonates and their families in all settings Presents only evidence-based practice recommendations Includes such features as Fast Facts Boxes and tables with easy-to-read lab values to reinforce information

Now completely up to date to meet the needs of today's pediatric nurses, Mary Fran Hazinski's Nursing Care of the Critically Ill Child, 3rd Edition, remains the foundational text of pediatric critical care nursing. Known for its outstanding organization and clear descriptions, this comprehensive reference details the unique care required for critically ill children with thorough discussions of physiology, pathophysiology, pharmacology, collaborative management, and nursing management. Ten new chapters, new advanced practice content, and new nurse contributors and reviewers ensure that this classic text continues to be the essential resource for the care of critically ill children. Details differences in caring for critically ill children as compared with caring for adults: how to modify assessment procedures, consider aspects of psychosocial development, and examine developmental aspects of various body systems. Provides comprehensive coverage of physiology, pathophysiology, pharmacology, and nursing management related to care of the critically ill child. Includes detailed Nursing Care Plans for select disorders. Contains helpful appendices such as pediatric drug dosages, central venous catheter care, and pediatric fluid requirements. Features Evolve online resources with additional content for further study of related topics, including tables for ease of recollection of material and additional references. Contains 10 all-new chapters, including Pharmacokinetics and Pharmacodynamics; Shock, Cardiac Arrest, and Resuscitation; Mechanical Support of Cardiopulmonary Function; Fluid, Electrolyte, and Endocrine Problems; Immunology and Infectious Disorders; Transplantation and Organ Donation; Toxicology/Poisonings; Fundamentals of Quality Improvement and Patient Safety; Clinical Informatics; and Ethical Issues in Pediatric Critical Care Features nurse contributors and reviewers for every chapter, making this edition a truly collaborative text. Provides information vital to the advanced practice nurse, such as assessment tools and severity of illness management. Includes numerous Pearls that highlight practical wisdom from experts in pediatric critical care nursing. This completely updated and revised new edition is specially written for qualified nurses working in intensive care nursing units. Fully comprehensive and developed to be as accessible as possible it contains four new chapters with valuable new and updated clinical scenarios to aid learning. Intensive Care Nursing is structured in user-friendly sections. Each chapter contains 'fundamental knowledge' needed to understand the chapter, an introduction, 'implications for practice', a chapter summary, completely updated further reading, 'time out' sections for revision and a clinical scenario with questions included. This second edition has been fully developed and reviewed by practitioners and teachers, as well as a senior pharmacist and covers: patient-focused issues of bedside nursing the technical knowledge necessary to care safely for ICU patients the more common and specialized disease processes and treatments encountered how nurses can use their knowledge and skills to develop their own and others' practice. A support website at www.routledge.com/textbooks/0415373239 links to other important sites, gives answers to the clinical scenario questions and provides a forum for discussion of important clinical issues. Written by a practice development nurse with a strong clinical background in intensive care nursing and experience of teaching nursing, Intensive Care Nursing is essential reading for nurses and health professionals working with high dependency patients. This book is a comprehensive guide to the diagnosis and management of disorders in the neonatal intensive care unit (ICU). Divided into 33 chapters, the text begins with discussion on neonatal resuscitation, fluid and electrolyte management, and parenteral and enteral nutrition. The following sections cover the management of numerous different disorders that may be encountered in neonates in the ICU. Separate chapters are dedicated to invasive and noninvasive ventilation. Each chapter is enhanced with tables, flowcharts and illustrations, as well as a summary of the key points of the topic, and self-assessment questions to assist learning. Key points Comprehensive guide to diagnosis and management of neonatal ICU patients Covers many different disorders, resuscitation and ventilation Highly illustrated with tables, flowcharts and diagrams Includes self-assessment questions to further enhance learning

Co-authored by an interprofessional collaborative team of physicians and nurses, Merenstein & Gardner's Handbook of Neonatal
Intensive Care, 9th Edition is the leading resource for interprofessional, collaborative care of critically ill newborns. It offers comprehensive coverage with a unique interprofessional collaborative approach and a real-world perspective that make it a practical guide for both nurses and physicians. The new ninth edition features a wealth of expanded content on delivery-room care; new evidence-based care "bundles"; palliative care in the NICU; interprofessional collaborative care of parents with depression, grief, and complicated grief; and new pain assessment tools. Updated high-quality references have also been reintegrated into the book, making it easier for clinicians to locate research evidence and standards of care with minimal effort. These additions, along with updates throughout, ensure that clinicians are equipped with the very latest clinical care guidelines and practice recommendations — all in a practical quick-reference format for easy retrieval and review. UNIQUE! Core author team of two physicians and two nurses gives this internationally recognized reference a true interprofessional collaborative approach that is unmatched by any other resource. Consistent organization within clinical chapters include Physiology/Pathophysiology, Etiology, Prevention, Data Collection (History, Signs and Symptoms, and Laboratory Data), Treatment/Intervention, Complications, and Parent Teaching sections. UNIQUE! Color-highlighted point-of-care clinical content makes high-priority clinical content quick and easy to find. UNIQUE! Parent Teaching boxes outline the relevant information to be shared with a patient's caregivers. Critical Findings boxes outline symptoms and diagnostic findings that require immediate attention to help the provider prioritize assessment data and steps in initial care. Case studies demonstrate how to apply essential content to realistic clinical scenarios for application-based learning. NEW! Updated content throughout reflects the latest evidence-based practice, national and international guidelines, and current protocols for interprofessional collaborative practice in the NICU. NEW! Up-to-date, high-quality references are now reintegrated into the text for quick retrieval, making it easier for clinicians to locate research evidence and standards of care with minimal effort. NEW! Expanded content on delivery-room care includes the impact of staffing on quality of care, delayed cord clamping, resuscitation, and more. NEW! Coverage of the new evidence-based care "bundles" keeps clinicians up to date on new guidelines that have demonstrated improved outcomes of very preterm infants. NEW! Coverage of new pain assessment tools equips NICU providers with essential resources for maintaining patient comfort. NEW! Expanded coverage of palliative care in the NICU provides the tools needed to ensure patient comfort. NEW! Expanded coverage of interprofessional collaborative care of parents with depression, grief, and complicated grief prepares clinicians for this essential area of practice.

This innovative book for Neonatal Nurses and NICU clinicians provides evidence-based clinical guidelines proven to mitigate and reduce the often profound trauma experience and subsequent developmental challenges for vulnerable hospitalized infants and their families. Each in-depth guideline includes the latest scientific research explaining the clinical rationale for the recommended practices, associated short-term and long-term outcomes, and implementation strategies to support practice improvement. The text reflects a trend — the provision of trauma-informed care in the neonatal intensive care unit -- that has recently gained increasing momentum. With endorsements by respected transdisciplinary neonatal clinicians, it provides guidelines that encompass the five core measures for age-appropriate care, including the Healing Environment, Pain and Stress, Protected Sleep, Activities for Daily Living, Age-Appropriate Infant Guided Feeding, and Family-Integrated Care. The book also features downloadable sample competencies and parent teaching guides, along with additional eLearning modules with Nursing CE. A self-assessment checklist and teaching sheets, sample competencies, and sample algorithms add to the book's utility. Key Features: Provides clinically relevant, evidence-based practice guidelines for minimizing trauma in neonates Encompasses the five core measures for age-appropriate care Includes proven implementation strategies to facilitate practice transformation Offers downloadable sample competencies and parent teaching guides and eLearning modules with Nursing CE Reviewed and endorsed by transdisciplinary neonatal clinicians [EN1] Not sure I like this word — maybe a development, awareness, etc.? A mainstay reference for neonatal nurses, this updated edition focuses on the collaborative nature of neonatal intensive care and examines evidence-based clinical decision-making to demonstrate every aspect of the intensive care of the neonate, with a strong emphasis on clinical practice. There are many books on the care of the sick infant and some are excellent. Most, however, are written with medicine in mind. This book is written mainly by experienced neonatal nurses, although some chapters have been written by the appropriate specialists. It is intended primarily for nurses who look after sick infants and is not intended to be an exhaustive reference but to address some of the issues and concepts of neonatal care in the 1990s. Nursing models are an important part of neonatal care in the 1990s but this book has not been written within this framework. There are several reasons for this: arguably no current model is ideally suited to neonates and the favouring of one particular model might restrict the book's applicability. Also, as contributors from other disciplines were invited to contribute we were anxious that these chapters did not stand out as oddities. Additionally, much neonatal care overlaps and were a framework to be used in its entirety for each nursing care chapter we felt that there could be some repetition; conversely, if a framework was fragmented in some chapters to cover specific areas of care, we were concerned that the overall effect would have been 'bitty'. We felt that such treat ment of nursing models would have been unjustifiable. In this book, the terms 'infant' and 'baby' are used interchangeably and where the term 'he' is used, the term 'she' is equally appropriate.

Written by a multidisciplinary team of medical and nursing experts, this fully-updated second edition provides evidence-based coverage of all frequently seen neonatal conditions. Divided into chapters based on body-systems, each section includes discussion of relevant embryology, anatomy and physiology. Designed for real-life practice in the ward, each chapter includes clear guidelines for procedure and discussion of bestpractice. Case studies are used throughout to aid discussion of specific equipment, conditions, and situations. An essential resource for neonatal nursing and midwifery students, as well as practicing neonatal nurses, this acclaimed text may also be of use to junior doctors beginning neonatology. Evidence-based theory clearly linked to application in the ward with case studies throughout Procedure and equipment guidelines included, with specific recommendations for practice Accessible format designed for easy reading and reference Highly illustrated with relevant diagrams and pictures

The first resource of its kind, this authoritative handbook holistically addresses the multidimensional aspects of perinatal and neonatal palliative care. Written by an interprofessional team of renowned specialists, it is both a text and an
The leading resource for collaborative critical care for newborns, Merenstein & Gardner's Handbook of Neonatal Intensive Care, 7th Edition provides a multidisciplinary approach and a real-world perspective. It focuses on evidenced-based practice, with clinical directions in color for easy retrieval and review. Special features help you prioritize the steps in initial care, and provide a guide to sharing information with parents. With each chapter written jointly by both physicians and nurses, this book is comprehensive enough to suit the needs of the entire team in your neonatal intensive care unit. Unique! A multidisciplinary perspective is provided by an editorial team of two physicians and two nurses, and each chapter is written and reviewed by a physician and nurse team, so information mirrors the real-world experience in a neonatal intensive care unit. Unique! Clinical content is in color, so you can quickly scan through chapters for information that directly affects patient care. Unique! Parent Teaching boxes highlight the relevant information to be shared with a patient's caregivers. Critical Findings boxes outline symptoms and diagnostic findings that require immediate attention, helping you prioritize assessment data and steps in initial care. Coverage in clinical chapters includes pathophysiology and etiology, prevention, data collection, treatment, complications, outcomes, prognosis, and parent education. Expanded Neonatal Surgery chapter covers all of the most common procedures in neonatal surgery. Follow-up of the Neonatal Intensive Care Unit Infant chapter is expanded to include coverage of outcomes management and discharge planning. Streamlined references are updated to include only the most current or classic sources. Highly Commended, BMA Medical Book Awards 2014 The fifth edition of this highly successful and well-regarded book continues to provide those working in neonatal intensive care units with precise instructions on the diagnosis and management of common neonatal problems. This edition has been extensively updated and revised, while retaining the backgro

This edition of the Manual of Neonatal Care has been completely updated and extensively revised to reflect the changes in fetal, perinatal, and neonatal care that have occurred since the sixth edition. This portable text covers current and practical approaches to evaluation and management of conditions encountered in the fetus and the newborn, as practiced in high volume clinical services that include contemporary perinatal and postnatal care of infants with routine, as well as complex medical and surgical problems. Written by expert authors from the Harvard Program in Neonatology and other major neonatology programs across the United States, the manual’s outline format gives readers rapid access to large amounts of valuable information quickly. The Children’s Hospital Boston Neonatology Program at Harvard has grown to include 57 attending neonatologists and 18 fellows who care for more than 28,000 newborns delivered annually. The book also includes the popular appendices on topics such as common NICU medication guidelines, the effects of maternal drugs on the fetus, and the use of maternal medications during lactation. Plus, there are intubation/sedation guidelines and a guide to neonatal resuscitation on the inside covers that provide crucial information in a quick and easy format.

Thoroughly revised and updated, this new edition of Neonatal Intensive Care Nursing is a comprehensive, evidence-based text for nurses and midwives caring for sick newborn babies. Written by and for nurses, it concentrates on the common problems occurring within the neonatal intensive care unit. This user-friendly text will enable nurses to recognise, rationalise and remedy these problems using both a multi-systems and an evidence-based approach. Individual chapters include: Professional Development • Developmentally-focused Nursing Care • Resuscitation of the Newborn • Management of Thermal Stability • Management of Respiratory Disorders • Cardiovascular Management • Brain Injury in the Preterm Infant • Haematological Problems • Pain Management • Fluid and Electrolyte Balance • Nutritional management • Neonatal Infection • Diagnostic and Therapeutic Procedures • Neonatal Anaesthesia • Surgical Aspects of Neonatal Intensive Care • Neonatal Transport • Family Support • Ethics and Neonatal Nursing • Medication in the Newborn • Death and Dying in the Neonatal Unit It is essential reading for experienced nurses and midwives caring for sick newborn babies within the neonatal intensive care unit, for nurses undertaking qualifications in the specialism of neonatal nursing and for pre-registration students undertaking relevant modules or placements. This benchmark handbook for neonatal nurse practitioners describes the most common conditions and procedures in an easy-to-access streamlined format. This thoroughly revised third edition continues to promote the foundational principles of evidence-based nursing practice worldwide, while taking the resources and requirements of different practice settings into account. It delivers updated information on trauma-informed care and offers new sections on parent perspectives about transition to home, neonatal opioid withdrawal syndrome (NOWS), and therapeutic hypothermia. Designed with a logical organization, Neonatal Nursing Care Handbook, Third Edition features brief narratives and plentiful illustrations and charts. This quick reference is easily used by English-as-second-language nurses and can be conveniently stored in a pocket for on-the-go referral. Part I uses a systems approach to address management of disorders related to each body system. All chapters include a brief definition of the neonatal problem, followed by diagnostic tests and labs. Part II encompasses special care considerations such as nutrition, surgical care, and palliative care. Part III discusses widely seen procedures and diagnostic tests, complete with lab values. Appendices contain additional useful content on weights and temperatures, common abbreviations, and pertinent web resources. New to the Third Edition: Addresses trauma-informed care Additional Content On: Generalized nursing care regarding respiratory, cardiovascular, gastrointestinal, renal, and hematologic/immune systems Bottle feeding Oral/Nasogastric/Gastrointestinal Tube Feedings Parent perspective on the transition home/primary care High frequency ventilation and new techniques Neonatal Abstinence Syndrome (NAS) and Neonatal Opioid Withdrawal (NOW) Total body cooling/therapeutic hypothermia Key Features: Written by neonatal nurses and other health professionals for neonatal nurses Assists neonatal nurses in making sound clinical decisions Provides streamlined, well-organized format for quick information retrieval Written in brief narratives supported by illustrations, diagrams, and flow charts Easily understandable to English-as-second-language nurses Covers diagnostic tests and lab values and includes medication guide

A practical A-Z pocket manual that explains how to use drugs safely and effectively in an intensive care setting. Perfect as a resource in the field or for exam preparation, this authoritative reference from the Association of Women’s Health, Obstetric, and Neonatal Nurses (AWHONN) includes in-depth coverage of the most common neonatal disorders and their management. The concise outline format highlights the essentials of each condition including definition, etiology, pathophysiology, signs and symptoms, diagnostic tests, treatments, and outcomes to help you find important information quickly. This new edition also features an increased focus on evidence-based practice, new CAMTS and AAMS guidelines, new techniques for PICC placement, and changes to the Neonatal Resuscitation Program. All necessary information to prepare for the neonatal intensive care nursing certification examination is included. Concise outline format provides access to important nursing considerations associated with the management of the most common conditions in the neonate. Text provides a collaborative effort between the three most authoritative associations in neonatal intensive care nursing - AWHONN, AACN, and NANN. Information on families, ethics, legal issues, research, case management, and the transition to home acknowledge the full scope of neonatal nursing practice. NEW! CAMTS and AAMS guidelines, techniques for PICC placement, and changes to the Neonatal Resuscitation Program are just a few of the updates that reveal the importance the new edition places on safety practices and procedures. NEW! Updated chapter on Patient Safety includes selected improvement strategies and resources for neonatal nurses to build a patient safety toolkit, discusses TeamSTEPPS (Team Strategies and Tools to Enhance Performance and Patient Safety), and recognizes human issues, such as shift work and fatigue. NEW! Increased focus on evidence-based practice for preterm infants, medications, and antepartum-intrapartum complications sets the standard for neonatal nursing practice. NEW! Strategies to promote inclusionary care better reflect nursing care today by focusing on family-centered care, comprehensive perinatal records, health care teams in the NICU, and best practices in the care of the late preterm infant. NEW! Comprehensively revised chapter on Immunology identifies risk factors for infection associated with term and preterm infants, distinguishes clinical symptoms and therapies associated with TORCHES CLAP spectrum infections, and includes prevention strategies for hospital-acquired infections. NEW! Thoroughly updated content and references reflect currency and technologic advances. NEW! Refocused chapter on Developmental Care guides the nurse to use assessment within the context of the environment and situation to initiate interventions in the moment or use patterns of responses for developing plans of care and presents core measures on evaluating...
developmental care practices in the NICU.

Concise and easy to read, this popular manual has provided a practical approach to the diagnosis and medical management of problems in the newborn through seven outstanding editions. The Eighth Edition of Cloherty and Stark’s Manual of Neonatal Care maintains that tradition of excellence, offering NICU physicians, neonatal-perinatal fellows, residents, and neonatal nurse practitioners quick access to key clinical information, fully updated to reflect recent advances in the field. Written in an easy-access outline format, this extensively revised edition covers current, practical approaches to the evaluation and management of routine and complex conditions encountered in the fetus and the newborn.

***Includes Practice Test Questions*** Neonatal Intensive Care Nurse Exam Secrets helps you ace the Neonatal Intensive Care Nurse Exam, without weeks and months of endless studying. Our comprehensive Neonatal Intensive Care Nurse Exam Secrets study guide is written by our exam experts, who painstakingly researched every topic and concept that you need to know to ace your test. Our original research reveals specific weaknesses that you can exploit to increase your exam score more than you’ve ever imagined. Neonatal Intensive Care Nurse Exam Secrets includes: The 5 Secret Keys to Neonatal Nurse Exam Success: Time is Your Greatest Enemy, Guessing is Not Guesswork, Practice Smarter, Not Harder, Prepare, Don't Procrastinate, Test Yourself; A comprehensive General Strategy review including: Make Predictions, Answer the Question, Benchmark, Valid Information, Avoid Fact Traps, Milk the Question, The Trap of Familiarity, Eliminate Answers, Tough Questions, Brainstorm, Read Carefully, Face Value, Prefixes, Hedge Phrases, Switchback Words, New Information, Time Management, Contextual Clues, Don't Panic, Pace Yourself, Answer Selection, Check Your Work, Beware of Directly Quoted Answers, Slang, Extreme Statements, Answer Choice Families; A comprehensive Content review including; Gestational Age, Modified Ballard Score, Neuromuscular Measurements, Hypoglycemia, Moro Reflex, Symmetric IUGR, Neonatal Resuscitation, Caesarean Section, Hyperkalemia, Naloxone, Amniotic Fluid, Meconium, Epinephrine, Endotracheal Intubation, Pneumothorax, Birth Asphyxia, Secondary Apnea, APgar Test, Respiratory Distress Syndrome, Down Syndrome Newborn, Caput Succedaneum, Cephalohematoma, Developmental Dysplasia, Cyanotic, Hydrocele, Congenital Defect, Nasopharynx, Necrotizing Enterocolitis, Cuts Marmorata, Fontanelles, Hypernatremia, Hypocalcemia, Benefits Of Breastfeeding, Total Parenteral Nutrition, Osteopenia, Carotine Supplementation, Pregestimil, Extraneous Growth Restriction, Non-Shivering Thermogenesis, and much more...

This volume provides an overview of the most important current controversies in the field of pediatric intensive care. Organized into sections based on organ systems, the text focuses on controversies surrounding disease processes of the cardiac, respiratory, gastrointestinal, hematologic / immunologic, endocrine, and neurologic systems. Each chapter reviews the pros and cons of specific management approaches through case studies and the most up-to-date evidence-based resources, and concludes with bulleted take-home points for ease of use. Written by experts in the field, Pediatric Critical Care: Current Controversies is a valuable resource for intensivists, advanced practice providers, nurses, and other health care providers involved in the care of critically-ill children.

Merenstein & Gardner’s Handbook of Neonatal Intensive Care, 8th Edition, is the leading resource for collaborative, interprofessional critical care of newborns. Co-authored by physicians and nurses, it offers concise, comprehensive coverage with a unique multidisciplinary approach and real-world perspective that make it an essential guide for both neonatal nurses and physicians. The 8th edition features the latest neonatal research, evidence, clinical guidelines, and practice recommendations — all in a practical quick-reference format for easy retrieval and review of key information. UNIQUE! Multidisciplinary author and contributor team consists of two physicians and two nurses, with each chapter written and reviewed by a physician-nurse team to ensure that information mirrors current, real-world practice in a neonatal intensive care unit. Critical Findings boxes and tables outline symptoms and diagnostic findings that require immediate attention, helping you prioritize assessment data and steps in initial care. UNIQUE! Clinical content highlighted in color allows you to quickly scan for information that directly affects patient care. UNIQUE! Parent Teaching boxes highlight relevant information to share with a patient’s caregivers. Clinical images, graphs, and algorithms illustrate clinically relevant concepts in neonatal intensive care. Streamlined references include only the most current or classic sources. NEW! Coverage of the latest neonatal research, evidence, clinical guidelines, and practice recommendations addresses topics such as: women with chronic illnesses becoming pregnant; maternal obesity; hypotension and shock in premature infants; pain and sedation; dedicated feeding sets vs. IVs for safety; MRSA; pediatric stroke; autism screening; discharge coordination; and more. NEW! The latest AAP recommendations and guidelines for hypoglycemia, jaundice, herpes, respiratory syncytial virus, and neonatal transport team composition. EXPANDED! Revised Evidence-Based Clinical Practice chapter focuses on evidence-based practice and quality improvement and the role of qualitative research in EBP. EXPANDED! Updated Infection in the Neonate chapter features new GBS guidelines and CRP research. Neonatal Respiratory Handbook is an excellent handbook which will illustrate the more common types of procedures that a respiratory therapist, new graduate or an experienced therapist would be expected to perform in the day-to-day operations of a highly specialized unit for children. This book is especially appropriate for respiratory students enrolled in a Neonatal/Pediatric class, particularly during their Neonatal and Pediatric rotation; Respiratory Educators and Residents, within a pulmonary medicine residency; and Respiratory graduates, orienting or completing their orientation in the Neonatal Intensive Care Unit (NICU) or Pediatric Intensive Care Unit (PICU). Important Notice: The digital edition of this book is missing some of the images or content found in the physical edition.

The third edition of the Manual of Surgical Neonatal Intensive Care addresses the interdisciplinary area of the perioperative management of newborns with surgical conditions. The manual is a collaborative effort between the surgical staff at Children’s Hospital and the medical staff at Boston Children’s Hospital, Beth Israel Deaconess Medical Center, Brigham and Women’s Hospital, and hospitals further afield. Its intended audience is surgeons, neonatologists, pediatricians, neonatal nurse practitioners, neonatal nurses, critical care transport clinicians, and all other healthcare providers trained to render pre- or postoperative services or counseling in the care of newborns. The authors intend for the manual to be useful to both medical and surgical clinicians. Where appropriate, chapters follow a standard order: embryology; prenatal diagnosis (treatment); postnatal presentation; postnatal diagnosis; differential diagnosis; preoperative management; implications for anesthesi; surgical management; postoperative management, complications and other outcomes. Illustrated in black and white with tables, drawings, and photographs, the text includes hands-on guidelines to the nonoperative management of newborns with surgical conditions.

Get ready for your neonatal intensive care nursing certification exam with the only review developed in collaboration with three leading nursing organizations! From AACN, AWHONN, and NANN, Certification and Core Review for Neonatal Intensive Care
Nursing, 5th Edition prepares you for your examination with hundreds of high-quality study questions and realistic test simulation. Based on the latest test plans of the AACN's CCRN®-Neonatal exam and the NCC's Neonatal Intensive Care Nursing (RNC-NIC) exam, review questions cover the changes to the Core Curriculum and reflect the latest evidence, essential knowledge, and best practices. New to this edition are three new chapters and 225 completely new review questions. This powerful study tool offers unparalleled preparation for your certification exam! Endorsed by the three most authoritative associations in neonatal intensive care nursing: the American Association of Critical-Care Nurses (AACN); the Association of Women's Health, Obstetric, and Neonatal Nurses (AWHONN); and the National Association of Neonatal Nurses (NANN). Realistic exam practice is offered through 675 total questions that mirror the certification exam content, the multiple-choice question format, and the distribution of content. Answers are provided for each question, accompanied by rationales and references, to enhance your understanding of the material. Online flexibility allows you to organize review questions and test format by your preferred examination, either the AACN or NCC. Online exam simulation — included free with each new copy of the book — mirrors the test-taking experience with an interactive, timed format. Customized study lets you choose whether to work through online questions in Study Mode or Examination Mode. Online remediation includes rationales for both correct and incorrect answers, and in-book remediation provides rationales for correct answers. A compact, portable size makes the book easier to study anytime, anywhere. 225 NEW review questions include 75 in the book and 150 additional online questions on the Evolve companion website. Thoroughly UPDATED review content reflects AACN's latest CCRN®-Neonatal exam and the NCC's latest Neonatal Intensive Care Nursing (RNC-NIC) exam, information in Core Curriculum for Neonatal Intensive Care Nursing, 5th Edition, and the newest evidence-based guidelines for neonatal critical care. NEW! Three new chapters include Grieving Process, Quality Improvement, and Facilitation of Learning. NEW focus on culturally sensitive care is included in an expanded Family Integration and Culturally Sensitive Care chapter. UPDATED rationales in the Answer Key are referenced to the most recent literature and evidence-based guidelines. Compatibility with iPads, iPhones, and other mobile devices allows online exam practice that is easy and convenient. The only exam review for the two leading neonatal critical-care nursing certification examinations, Certification and Core Review for Neonatal Intensive Care Nursing, 4th Edition prepares you for your exam with realistic questions and test simulation. Based on the blueprints of the AACN's CCRN-Neonatal exam and the NCC's Neonatal Intensive Care Nursing (RNC-NIC) exam, review questions cover the information in Core Curriculum for Neonatal Intensive Care Nursing, 3rd Edition, and reflect essential knowledge, the latest evidence, and best practices. A total of 600 questions and answers with rationales are provided. Developed by the AACN, AWHONN, and NANN, this powerful review tool offers excellent preparation for your certification exam! This title includes additional digital media when purchased in print format. For this digital book edition, media content is not included. Endorsed by the three most authoritative associations in neonatal intensive care nursing: the American Association of Critical-Care Nurses (AACN); the Association of Women's Health, Obstetric, and Neonatal Nurses (AWHONN); and the National Association of Neonatal Nurses (NANN). Answers are provided for each question, accompanied by rationales and references, to enhance your understanding of the material. Realistic exam practice is offered through questions that mirror the certification exam content, the multiple-choice question format, and the distribution of content. Updated questions reflect the information in Core Curriculum for Neonatal Intensive Care Nursing, 4th Edition, and the latest test plans by both AACN and NCC. Complete remediation includes rationales for both correct and incorrect answers. A compact, portable size makes the book easier to study anytime, anywhere. Preceded by Merenstein & Gardner's handbook of neonatal intensive care / [edited by] Sandra L. Gardner... [et al.]. 7th ed. c2011. Print+CourseSmart Co-authored by an interprofessional collaborative team of physicians and nurses, Merenstein & Gardner's Handbook of Neonatal Intensive Care, 9th Edition is the leading resource for interprofessional collaborative\, care of critically ill newborns. It offers comprehensive coverage with a unique interprofessional collaborative approach and a real-world perspective that make it a practical guide for both nurses and physicians. The new ninth edition features a wealth of expanded content on delivery-room care; new evidence-based care "bundles"; palliative care in the NICU; interprofessional collaborative care of parents with depression, grief, and complicated grief; and new pain assessment tools. Updated high-quality references have also been reintegrated into the book, making it easier for clinicians to locate research evidence and standards of care with minimal effort. These additions, along with updates throughout, ensure that clinicians are equipped with the very latest clinical care guidelines and practice recommendations - all in a practical quick-reference format for easy retrieval and review.

The stakes are high, time is of the essence and every detail matters—yet neonatal pharmacology often has been a challenging and poorly understood area of pediatrics. Until now. Many pharmacists working in hospital pharmacies today have little or no formal training in neonatology yet they are faced with dispensing medications to this fragile NICU population. NICU Primer for Pharmacists, by Amy P. Holmes, is a comprehensive overview of pharmacological treatment and neonatal care puts the information pharmacists, students, and residents need in one place, including strategies for: Selecting the optimal drug at the right dose within hours of recognizing a problem Detecting and correcting product dilutions Overseeing dosing adjustments as patients mature, increase or lose body weight Accommodating for multiple concurrent diseases, dramatic growth, organ maturation and damage and more Maximizing survival without serious long-term damage and neurodevelopmental delays. NICU Primer for Pharmacists puts the information you need in one place, so you can feel more confident making medication decisions for your tiniest patients. If your team cares for neonatal patients, consider this guide your invaluable resource for safe and effective drug therapy.

Issues of thrombosis, bleeding, and transfusion are extremely common, and often complex, in critically ill patients. Haematology in Critical Care: A Practical Handbookprovides a dependable source of expert guidance on how to handle common haematological problems seen in the critical care setting, as well as the acute care of patients with a primary haematological disorder. Full-time clinical haematologists, regularly attending on intensive care, the Editors begin with an approach to abnormal laboratory tests, following with a disease-oriented approach to topics such as coagulation and haematological malignancy. Other key topics include paediatric and neonatal care, transfusion, point of care testing and the emergency presentation of haematological disease. This title brings together two of the most highly scientific specialties in clinical practice, delivering a practical approach to these problems, and guiding the clinician through the diagnosis and management of common scenarios encountered in the ICU.

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