

# Merenstein And Gardners Handbook Of Neonatal Intensive Care

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thoroughly revised and updated this new edition of neonatal intensive care nursing is a comprehensive evidence based text for nurses and allied health professionals caring for sick newborn infants this user friendly text focuses on the common problems and related care occurring within the neonatal specialty all previous chapters have been thoroughly updated and new content includes chapters on for example organisation of neonatal care assessment of the neonate the premature and low birth weight neonate as well as palliative care in addition the book now includes a broad and in depth web based companion comprising online resources case studies with answer guides and learning activities this accessible and interactive approach enables nurses to recognise rationalise and understand clinical problems using an evidence based approach divided into four parts the book provides an overview of neonatal care and a detailed look at the physical and emotional wellbeing of neonate and family a range of clinical aspects of neonatal care and key practices and procedures neonatal intensive care nursing will be essential reading for both new and experienced nurses allied health professionals and students learning about neonatal care including those undertaking qualifications in the neonatal specialism and pre registration students taking relevant modules or placements

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

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

co edited by a team of physicians and nurses merenstein gardner's handbook of neonatal intensive care an interprofessional approach tenth edition is the leading resource for interprofessional collaborative care of critically ill newborns now printed in full color 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 this edition features updated content throughout to reflect the latest evidence informed evidence based practice national and international guidelines and current protocols a new interprofessional collaborative practice chapter that provides a foundation for the team approach applied throughout the book an expanded focus on parent teaching that reflects today's diversity of family structures an enhanced focus on gender and racial ethnic inclusivity and much more

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

get ready for your neonatal intensive care nursing certification exam with the only exam review developed in collaboration with three leading nursing organizations from aacn awhonn and nann certification and core review for neonatal intensive care nursing 6th 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 a powerful review tool on the companion evolve website allows you to choose either the aacn or ncc question formats and review material either in study mode or in exam mode authored by the american association of critical care nurses aacn and endorsed by the association of women s health obstetric and neonatal nurses awhonn and the national association of neonatal nurses nann answers for each question accompanied by rationales and references for correct answers enhance understanding of the material realistic exam practice questions mirror the certification exam content the multiple choice format and the distribution of content online exam simulation included free on the evolve companion website with each new book purchase mirrors the test taking experience with questions organized according to either of the two major certification examinations the aacn s ccrn neonatal exam or the ncc s neonatal intensive care rnc nic exam you can choose whether to work through the questions in study mode or examination mode with complete remediation that includes rationales for both correct and incorrect answers compact portable size facilitates study anytime anywhere new approximately 214 additional review questions bring the total to 789 questions for realistic test preparation updated thoroughly revised and updated questions reflect the latest aacn ccrn neonatal and the ncc s rnc nic test plans changes to the core curriculum and the latest evidence based guidelines for neonatal critical care updated rationales in the answer key reference the most recent literature and evidence based guidelines

this practical multidisciplinary team approach to care of the critically ill neonate contains just the right amount of physiology and pathophysiology content to inform clinical considerations content also covers the psychosocial aspects of care

presented in a concise and consistent outline format each chapter in this valuable reference walks readers through the neonatal condition including the definition etiology pathophysiology signs and symptoms diagnostic tests treatments and outcomes

an essential guide for evaluating outcomes and improving practice in the neonatal intensive care

unit an aspect of neonatal intensive care that is not covered in standard texts written by a neonatologist with experience in outcomes research the book engages neonatal intensive care unit nicu workers with vitally important questions about their work what is a good nicu could you achieve better results how completely can you characterize the results of your nicu

the sixth edition of this successful and well regarded book is a useful ready reference for the practicing pediatrician and nurse and gives invaluable guidance for trainees in pediatrics neonatology and neonatal nursing it provides those working in neonatal intensive care units with precise instructions on the diagnosis and management of common neonatal problems it has been extensively updated and revised with emphasis on concision in the background physiology key references and explanatory diagrams 5th edition highly commended bma medical book awards 2014

this new edition helps readers to assess and build their knowledge of the information covered in core curriculum for neonatal intensive care nursing it includes 600 multiple choice study questions to aid learning

highly commended bma medical book awards 2014the 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

in depth state of the art guidance covers everything that readers must know to excel in neonatal intensive care nursing including newborn assessment resuscitation all major cardiopulmonary disorders surfactant replacement ecmo and high frequency ventilation content appears in outline format for fast convenient review study questions reinforce knowledge and facilitate certification preparation

a comprehensive examination of neonatal nursing management from a physiologic and pathophysiologic approach the book features a complete physiologic and embryonic foundation for each neonatal system as well as coverage of associated risk factors genetics critical periods of development nutrition and parenting

from world health organization data the prevalence of hearing impairment among infants varies between 0.5 and 3.0 cases per thousand but in children hospitalized in the newborn intensive care unit nicu and in those with other risk factors i e anatomically small for gestational age craniofacial abnormalities intrauterine infections family history of hearing loss ototoxic drugs mechanical ventilation etc the prevalence is 10-20 times greater newborn intensive care unit nicu can be defined as an intensive care unit for sick newborns who need specialized treatment

nicu combines equipment and advanced technology with medical staff specially trained in newborn care the joint committee on infants hearing jcih identified many risk factors in nicu infants like prolonged mechanical ventilation asphyxia low birth weight and ototoxic medication and so it also considers intensive care as a whole a risk factor the present book focuses its attention on this hearing loss risk factor starting from risk factors and screening strategies highlighting the various neonatal levels of care focusing on the treatment of infants with neural tube defects and the future motor development of premature babies this should be done until caregivers can get the attention of drug therapies used in the nicu

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