

## Neonatology Questions And Controversies Series 6 Volume Series Package Expert Consult Online And Print 2e Neonatology Questions Controversies

Neonatology: Questions and Controversies Series 7-Volume Series Package Elsevier

The Newborn Lung, a volume in Dr. Polin's Neonatology: Questions and Controversies Series, offers expert authority on the toughest challenges in neonatal pulmonology and respiratory care. This medical reference book will help you provide better evidence-based care and improve patient outcomes with research on the latest advances. Reconsider how you handle difficult practice issues with coverage that address these topics head on, offering opinions from the leading experts in the field, supported by the best available evidence. Find information quickly and easily with a consistent chapter organization. Get the most authoritative advice available from world-class neonatologists who have the inside track on new trends and developments in neonatal care. Purchase each volume individually, or get the entire 6-volume set, which includes online access that allows you to search across all titles! Stay current in practice with in-depth coverage of presentation, pathogenesis, epidemiology, and prevention of bronchopulmonary dysplasia; short and long-term outcomes of oxygenation strategies in preterm infants; and many other hot topics in neonatal respiratory care. Access the fully searchable text online at [www.expertconsult.com](http://www.expertconsult.com).

This textbook addresses the themes that are at the forefront of neonatal clinical care and research, based on natural divisions in care during pregnancy, and postnatally by gestational age at birth. The book offers a unique approach, in that it proposes discussion of important general principles underpinning neonatal care that are not addressed in most general neonatology textbooks, such as ethical issues, counselling, effective training methods, quality and safety, among other subjects. These are fundamental aspects and challenges that need to be appreciated by senior clinicians. A chapter authored by parents describing their perspectives of neonatal intensive care is unique and will be highly educational, with the potential to influence the way in which individuals view and deliver neonatal care. The authors discuss common and important conditions, to promote adoption of sound evidenced based practice where this is available. However, where evidence is limited, as is the case in many areas of neonatal practice, the authors aim to encourage critical thinking and evidence appraisal, which are necessary skills for busy clinicians wishing to filter evidence to guide delivery of care. This text is suitable for senior trainees wishing to pursue a career in neonatal medicine, early career neonatologists and paediatricians with an interest in neonatology. It is also of interest to established neonatologists wishing to update their neonatal knowledge. The content is based on the RCPCH Level 3 curriculum, and addresses important topical and/or controversial aspects of neonatal care.

Dr. Richard Polin's Neonatology Questions and Controversies series highlights the most challenging aspects of neonatal care, offering trustworthy guidance on up-to-date diagnostic and treatment options in the field. In each volume, renowned experts address the clinical problems of greatest concern to today's practitioners, helping you handle difficult practice issues and provide optimal, evidence-based care to every patient.

Hemodynamics and Cardiology, a volume in Dr. Polin's Neonatology: Questions and Controversies Series, offers expert authority on the toughest cardiovascular challenges you face in your practice. This medical reference book will help you provide better evidence-based care and improve patient outcomes with research on the latest advances. Reconsider how you handle difficult practice issues with coverage that addresses these topics head on and offers opinions from the leading experts in the field, supported by evidence whenever possible. Find information quickly and easily with a consistent chapter organization. Get the most authoritative advice available from world-class neonatologists who have the inside track on new trends and developments in neonatal care. Purchase each volume individually, or get the entire 6-volume set, which includes online access that allows you to search across all titles! Stay current in practice with coverage on issues such as the clinical implications of near-infrared spectroscopy in neonates, MRI imaging and neonatal hemodynamics, and hybrid management techniques for congenital heart disease. Access the fully searchable text online at [www.expertconsult.com](http://www.expertconsult.com).

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Ethics and Technology, 5th Edition, by Herman Tavani introduces students to issues and controversies that comprise the relatively new field of cyberethics. This text examines a wide range of cyberethics issues--from specific issues of moral responsibility that directly affect computer and information technology (IT) professionals to broader social and ethical concerns that affect each of us in our day-to-day lives. The 5th edition shows how modern day controversies created by emerging technologies can be analyzed from the perspective of standard ethical concepts and theories. -- Provided by publisher.

Neurology, a volume in Dr. Polin's Neonatology: Questions and Controversies Series, offers expert authority on the toughest neurological challenges you face in your practice. This medical reference book will help you provide better evidence-based care and improve patient outcomes with research on the latest advances. Reconsider how you handle difficult practice issues with coverage that addresses these topics head on and offers opinions from the leading experts in the field, supported by evidence whenever possible. Find information quickly and easily with a consistent chapter organization. Get the most authoritative advice available from world-class neonatologists who have the inside track on new trends and developments in neonatal care. Purchase each volume individually, or get the entire 6-volume set, which includes online access that allows you to search across all titles! Stay current in practice with coverage on current treatment options for neonatal meningitis, the potential impact of stress and pain on the developing brain, and much more. Access the fully searchable text online at [www.expertconsult.com](http://www.expertconsult.com).

This book provides a concise yet comprehensive review of neonatal transfusion medicine. The text covers major areas of the field, including chapters dedicated to pre transfusion testing, manufacturing, standards and storage; blood product administration; special congenital and acquired disorders in the neonate; hemolytic disease of the newborn; intrauterine transfusions; adverse reactions; and ECMO. The volume features contributions from a diverse group of experts in the field and include pathologists, anesthesiologists, neonatologists, a pediatric hematologist and oncologist, and a high-risk obstetrician. These authors contribute their unique expertise and perspectives to the practice of neonatal transfusion medicine and allow the reader to experience an in depth introduction to each of the chapter topics. Neonatal Transfusion Practices is a valuable, go-to reference that addresses some of the more frequent questions asked by clinicians and professionals who have limited exposure to neonatal transfusion practices. /div

In Neonatology: Questions and Controversies Series, Dr. Richard Polin provides expert authority on the toughest challenges facing you in clinical practice. You'll see how to tackle controversial subjects and get knowledgeable guidance on the latest diagnostic and treatment options in the field. This celebrated series of medical reference books keeps you current with the fast-paced, dynamic environment of neonatology. Reconsider how you handle difficult practice issues with products that address these topics head on, offering opinions from the leading experts in the field, supported by evidence whenever possible. Find information quickly and easily from volume to volume with a consistent chapter organization. Get the most authoritative content available with world-class neonatologists who have the inside track on new trends and developments in neonatal care. Purchase each volume individually, or get the entire set, which includes online access that allows you to search across all titles Provide better evidence-based care and improve patient outcomes with research on the latest advances in liquid and mechanical ventilation; imaging technology; advanced drug therapies; and nutritional strategies. Stay current in practice with coverage of hot topics in cardiology, hematology, neurology, gastroenterology, and more. Access the fully searchable text of each title online at [www.expertconsult.com](http://www.expertconsult.com). Implement the very latest advances in neonatology with new editions of the celebrated series edited by Dr. Richard Polin.

Neonatology at a Glance provides a concise, illustrated overview of neonatal medicine. Written by leading international experts, it provides essential information on perinatal medicine, delivery, the normal newborn infant and neonatal problems encountered in neonatal intensive care units and their management. Each topic is supported by excellent illustrations, diagrams, and, for the first time, video clips to show neonatal resuscitation and stabilizing the sick newborn, normal examination, the baby with hypoxic-ischemic encephalopathy, recognition of seizures and practical procedures. Neonatology at a Glance:

- Provides up to date coverage of the important conditions you will encounter
- Covers challenging topics including pain, ethical issues, quality improvement, evidence based medicine and palliative care
- Features new sections on fetal medicine, respiratory support, therapeutic hypothermia, amplified EEG and perinatal neuroimaging
- Integrates invaluable details about practical procedures including neonatal resuscitation and transport
- Supplemented by video materials and artwork which can be viewed via the companion website at [www.ataglanceseries.com/neonatology](http://www.ataglanceseries.com/neonatology)

Neonatology at a Glance is the perfect guide for all health professionals looking after newborn infants, including pediatric trainees, medical students, neonatal nurse practitioners and neonatal nurses, therapists and midwives. For neonatologists, pediatricians and nurse tutors it is a valuable resource to assist with teaching.

'Adjustment Disorders' provides concise and comprehensive information on adjustment disorders and advances a greater understanding and better diagnostic skills among those clinicians working with this group of patients

We have all been hypoxic. Fetal tolerance for intrauterine hypoxia arises from evolutionarily conserved physiological mechanisms, the antecedents of which can be learned from diving mammals or species at high altitudes. Understanding fetal hypoxia leads to understanding the huge physiological shifts of neonatal transition and the dangers of perinatal hypoxia. This comprehensive volume of topical review articles by expert authors addresses the origins of hypoxia tolerance, the impact of oxygen on circulatory transition at birth, and the biochemistry of hypoxia in the pulmonary circuit, as well as the classification, diagnosis, and clinical management of hypoxic respiratory failure and persistent pulmonary hypertension in the term neonate. The goal of Hypoxic Respiratory Failure in the Newborn is to connect our understanding of hypoxia from animals in extreme environments, with how the human fetus handles its hypoxic environment; and why the human newborn suddenly cannot. The book will educate health care professionals on how to care for newborns with hypoxic respiratory failure, including the use of up-to-date diagnostic tools and therapies. It also highlights areas of controversy and ongoing research in hypoxic respiratory failure and pulmonary hypertension of the newborn, including challenging case studies. Key Features Explores evolutionary context and comparative physiology of hypoxia tolerance in the fetus and neonate, from basic research to clinical scenarios Provides guidance to trainees, physicians, and allied health professionals engaged in NICU care; pediatricians, cardiologists, pulmonologists, anesthesiologists, neonatologists, and physiologists to effectively manage infants in hypoxic respiratory failure Includes case scenarios emphasizing current diagnostic and therapeutic controversies and algorithmic approaches to decipher difficult clinical cases

Rev. ed. of: Imaging of the newborn baby / edited by Haresh Kirpalani, John Mernagh, Gerald Gill. 1999.

Hematology, Immunology and Infectious Disease, a volume in Dr. Polin's Neonatology: Questions and Controversies Series, offers expert authority on some of the toughest challenges you face in your practice. This medical reference book will help you provide better evidence-based care and improve patient outcomes with research on the latest advances. Reconsider how you handle difficult practice issues with coverage that addresses these topics head on and offers opinions from the leading experts in the field, supported by evidence whenever possible. Find information quickly and easily with a consistent chapter organization. Get the most authoritative advice available from world-class neonatologists who have the inside track on new trends and developments in neonatal care.

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Gastroenterology and Nutrition, a volume in Dr. Polin's Neonatology: Questions and Controversies Series, offers expert authority on the toughest neonatal gastroenterologic and nutritional challenges you face in your practice. This medical reference book will help you provide better evidence-based care and improve patient outcomes with research on the latest advances. Reconsider how you handle difficult practice issues with coverage that addresses these topics head on and offers opinions from the leading experts in the field, supported by evidence whenever possible. Find information quickly and easily with a consistent chapter organization. Get the most authoritative advice available from world-class neonatologists who have the inside track on new trends and developments in neonatal care. Stay current in practice with coverage on what the controversies are and where the field is moving in terms of basic intestinal development and nutritional requirements for the neonate.

A comprehensive, practical, and accessible guide to screening programmes, for public health practitioners and anyone else involved in or with an interest in screening. It covers the concepts and evidence behind screening, how to make sound policy on screening, and how to plan and deliver high quality programmes at affordable cost.

Presents state-of-the-art, comprehensive coverage on the pathophysiology, diagnosis, management, and prognosis for diseases in the newborn, and describes the routine care of the well baby. Covers every aspect of the care of the newborn, including advice about resuscitation, emergency intensive care, practical procedures, differential diagnosis, and ongoing care. Provides information about long term outcomes wherever possible. Includes contributions from fetal medicine physicians, obstetricians, epidemiologists, surgeons, and lawyers who provide valuable background information essential to the modern practice of neonatology.

Dr. Richard Polin's Neonatology Questions and Controversies series highlights the most challenging aspects of neonatal care, offering trustworthy guidance on up-to-date diagnostic and treatment options in the field. In each volume, renowned experts address the clinical problems of greatest concern to today's practitioners, helping you handle difficult practice issues and provide optimal, evidence-based care to every patient. Stay fully up to date in this fast-changing field with Neurology, 3rd Edition. The most current clinical information, including new coverage of genetics and pharmacology, early diagnosis and targeted treatment of neonatal-onset epilepsies, and the impact of congenital heart diseases on brain development. Considerations of ongoing research regarding the basic mechanisms contributing to perinatal brain injury, which has in turn facilitated the introduction of targeted strategies in many areas. Consistent chapter organization to help you find information quickly and easily. The most authoritative advice available from world-class neonatologists who share their knowledge of new trends and developments in neonatal care. Purchase each volume individually, or get the entire 7-volume set!

Gastroenterology and Nutrition Hematology, Immunology and Genetics Hemodynamics and Cardiology Infectious Disease and Pharmacology New Volume! Nephrology and Fluid/Electrolyte Physiology Neurology The Newborn Lung

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Carpentier's Reconstructive Valve Surgery presents you with authoritative guidance on reconstructive techniques for degenerative mitral valve disease. Alain Carpentier, MD, PhD—who pioneered the field—David H. Adams, MD; and Farzan Filsoufi, MD provide step-by-step instructions for each procedure and over 200 detailed anatomic drawings so that you can effectively apply the techniques of a master. Apply the techniques and procedures of Dr. Alain Carpentier—pioneer of mitral valve reconstruction—to your practice. View more than 200 detailed anatomic drawings that depict reconstruction procedures clearly. Master each procedure using step-by-step instructions and a consistent chapter format. Grasp the nuances of procedures thanks to "tips from the Master" and a section of questions and answers. Tap into the knowledge and experience of leaders in the field of mitral valve repair and reconstruction.

A volume in Dr. Polin's Neonatology: Questions and Controversies Series, offers expert authority on the toughest neonatal nephrology and fluid/electrolyte challenges you face in your practice. This medical reference book will help you provide better evidence-based care and improve patient outcomes with research on the latest advances. Reconsider how you handle difficult practice issues with coverage that addresses these topics head on and offers opinions from the leading experts in the field, supported by evidence whenever possible. Find information quickly and easily with a consistent chapter organization. Get the most authoritative advice available from world-class neonatologists who have the

inside track on new trends and developments in neonatal care. Purchase each volume individually, or get the entire 6-volume set! Stay current in practice with coverage on lung fluid balance in developing lungs and its role in neonatal transition; acute problems of prematurity: balancing fluid volume and electrolyte replacement in very-low-birth-weight and extremely-low-birth-weight neonates; and much more.

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The Oxford Textbook of the Newborn: A Cultural and Medical History provides readers with an accessible exploration of the natural lifecycle of a neonate throughout history, "This book provides a comprehensive guide for all those involved with both the routine neonatal examination and the more specific full physical examination of a newborn"--Provided by publisher.

Neonatology: Questions and Controversies gives you expert opinions about the hottest topics facing you in clinical practice. Titles in this package cover neurology, cardiovascular, nephrology, pulmonary, gastroenterology and nutrition, and hematology, immunology and infectious diseases.

This exciting new reference brings you information about the most controversial nephrology challenges you face in your practice. The book confidently tackles these subjects and gives seasoned advice on the latest diagnostic and treatment strategies using evidence-based medicine wherever possible. It gives you the latest information you need to keep pace with the fast-paced, dynamic environment of neonatology. Addresses controversial topics head on, so you can decide how to handle these difficult practice issues. Serves as the bridge between the latest cutting-edge research and its application to clinical practice. Assembles a world-class group of neonatologists, representing the true leaders of the specialty, to ensure the most authoritative content available.

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This exciting new reference brings you information about the most controversial gastroenterology and nutrition challenges you face in your practice. The book confidently tackles these subjects and gives seasoned advice on the latest diagnostic and treatment strategies using evidence-based medicine wherever possible. It gives you the latest information you need to keep pace with the fast-paced, dynamic environment of neonatology. Addresses controversial topics head on, so you can decide how to handle these difficult practice issues. Serves as the bridge between the latest cutting-edge research and its application to clinical practice. Assembles a world-class group of neonatologists, representing the true leaders of the specialty, to ensure the most authoritative content available.

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Dr. Richard Polin's Neonatology Questions and Controversies 7-volume series highlights the most challenging aspects of neonatal care, offering trustworthy guidance on up-to-date diagnostic and treatment options in the field. In each volume, renowned experts address the clinical problems of greatest concern to today's practitioners, helping you handle difficult practice issues and provide optimal, evidence-based care to every patient. Stay fully up to date in this fast-changing field with seven comprehensive volumes in the Neonatology Questions and Controversies series. Each volume provides expert guidance on key challenges facing practitioners in clinical settings. Updated editions (including one entirely new volume on Infectious Disease and Pharmacology) highlight new information on genetics and pharmacology, two increasingly important areas in neonatology. New topics include the molecular basis for genetic disorders, new strategies for genetic diagnosis (such as whole exome sequencing and microarrays), antenatal genetic testing, CRISPR technology for removing harmful genes, ethical conundrums and genetic counselling, and much more new content throughout every volume. Consistent chapter organization to help you find information quickly and easily. The most authoritative advice available from world-class neonatologists who share their knowledge of new trends and developments in neonatal care. Expert Consult eBook version included with purchase. This enhanced eBook experience allows you to search all of the text, figures, and references from the book on a variety of devices. Purchase each volume individually, or get the entire 7-volume set, which includes online access that allows you to search across all titles! Gastroenterology and Nutrition Hematology, Immunology and Genetics Hemodynamics and Cardiology Infectious Disease and Pharmacology New Volume! Nephrology and Fluid/Electrolyte Physiology Neurology The Newborn Lung Hemodynamics and Cardiology, a volume in Dr. Polin's Neonatology: Questions and Controversies Series, offers expert authority on the toughest cardiovascular challenges you face in your practice. This medical reference book will help you provide better evidence-based care and improve patient outcomes with research on the latest advances. Reconsider how you handle difficult practice issues with coverage that addresses these topics head on and offers opinions from the leading experts in the field, supported by evidence whenever possible. Find information quickly and easily with a consistent chapter organization. Get the most authoritative advice available from world-class neonatologists who have the inside track on new trends and developments in neonatal care. Stay current in practice with coverage on issues such as the clinical implications of near-infrared spectroscopy in neonates, MRI imaging and neonatal hemodynamics, and hybrid management techniques for congenital heart disease.

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