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Clinical Anesthesia for the Newborn and the Neonate - Usha Saha 2022

The book covers all aspects of anesthesia in newborns, neonates (under 28 days) and premature babies. These patients are highly vulnerable, very small in size and weight, at very high risk, and have high mortality and morbidity, which gets further aggravated by the medical diseases and congenital abnormalities these babies may suffer from. The book provides knowledge that equips the anesthetists with the regional techniques used to provide both anesthesia and analgesia, including information about the drugs used, skills in providing neuraxial blocks, nerve blocks, etc., complications thereof and the specially designed equipment for these patients (IV cannula,

endotracheal tubes, ryles tubes, laryngoscopes, SpO₂ probes, monitors, incubators, warmers and heaters, mattresses, OT tables). The book covers the pharmacology of drugs used, the effect of anesthetic drugs on the developing brain, pulmonary physiology, airway assessment and management, ventilation modes, getting IV and arterial access, preoperative workup, anesthetic management, and postoperative care. It includes care and concerns from both surgical and anesthesia aspects. It covers all the common surgical diseases along with some rare cases such as oncological concerns, palliative care, ethical concerns and pain management. The book also discusses the role and use of ultrasound. The chapter on anesthesia for short

procedures includes common birth and neonatal care injuries. The book contains chapters on fluid therapy, blood and blood product transfusion guidelines and indications, resuscitation of a newborn and neonate, and neonatal rehabilitation to improve neonatal outcomes. It contains a dedicated chapter on why these babies are at a high risk of morbidity and mortality and contributing maternal factors. All the chapters are written by experts in their fields with vast experience. This book bridges the gap in the knowledge of an anesthesiologist between anesthesia for children and adults and newborns, neonates and preterm babies.

Essentials of Pediatric Anesthesiology - Alan David Kaye 2014-10-16
Numerous studies

indicate that outcomes for pediatric patients are improved when the anesthesia caregiver has advanced training and knowledge of pediatric anesthesiology.

Essentials of Pediatric Anesthesiology is a unique new handbook, providing a clinically relevant and easy-to-read review of all key topics in this important field. Written and edited by leading pediatric anesthesia physicians, each chapter takes a consistent approach, guaranteeing this book is user-friendly and authoritative throughout. Topics include physiology, anatomy, equipment, a comprehensive overview of relevant disease states, and special topics such as regional anesthesia, complications, and anesthesia for remote locations. Numerous

diagrams, tables and figures help to organize the information for easy reference. Whether you choose to dip into a particular chapter or read the book cover to cover, *Essentials of Pediatric Anesthesiology* is a valuable review book for all residents, fellows and clinical practitioners needing to improve or refresh their understanding of pediatric anesthesia management.

Hematology, Immunology and Infectious Disease: Neonatology Questions and Controversies -

Robin K Ohls, MD
2012-03-12

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. 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 on the pathogenesis,

diagnosis, and treatment of neonatal thrombocytopenia, diagnostic technologies in the management of congenital infection, and much more. Access the fully searchable text online at www.expertconsult.com.

Klaus and Fanaroff's Care of the High-Risk Neonate - Jonathan M Fanaroff, MD, JD, FAAP, 2012-09-11

Stay up to date with recent advances in the NICU with Klaus and Fanaroff's *Care of the High-Risk Neonate*, 6th Edition. This trusted neonatology reference thoroughly covers the new guidelines, equipment, drugs, and treatments that have greatly increased the chance of survival for high-risk infants. Expert contributors deliver the information you need to stay on top of the technological and medical advances in this

challenging field. Benefit from the expert advice offered in concise, easy-to-read editorial comments throughout the book. Assess your knowledge with comprehensive question-and-answer sections at the end of each chapter. Understand the clinical relevance of what you've learned with case studies that highlight real-world application. Own the reference trusted for nearly 40 years by those who care for at-risk neonates in the dynamic and challenging NICU. Get fast access to need-to-know information on drugs used in the NICU, normal values, and much more in the fully updated appendices. Keep your knowledge up to date with expanded coverage of evidence-based medicine and the role of networks in generating evidence. Stay current with all

aspects of neonatal care, including resuscitation, transport, nutrition, respiratory problems and assisted ventilation, and organ-specific care. Access the fully searchable text online, download images, and more at www.expertconsult.com.

Perloff's Clinical Recognition of Congenital Heart Disease

- Joseph K. Perloff
2012-02-10

Dr. Joseph Perloff is joined by Dr. Ariane Marelli to bring you a new edition of Clinical Recognition of Congenital Heart Disease. This medical reference book covers the full spectrum of CHD, from infants through adults, allowing you to effectively detect these conditions as early as possible. Be at the forefront of the field with extensive coverage of the latest

innovations in clinical diagnostic methods. Recognize the clinical manifestations at all stages of life for malpositioned, malformed, or absent cardiovascular chambers and vessels. Grasp the full scope of the pathophysiology of CHD with well-organized, expert guidance. Quickly search the contents online, download images in JPG or PPT format, and view 70 echocardiogram videos at expertconsult.com. Understand the appropriate diagnostic findings for each stage of life and see rich, varied examples of characteristic findings. Obtain the most comprehensive core knowledge you need with coverage of commonly used clinically relevant diagnostic Dr. Perloff and Dr. Marelli cover the latest in clinical recognition detection of

congenital heart disease from physical appearance to imaging.

Pediatric Cardiology for Practitioners - Myung

Kun Park 2008-01-01

Park's Pediatric Cardiology for Practitioners is the essential medical reference book for the ever-changing field of pediatric cardiology. Comprehensive in its content, it provides the practical guidance you need to diagnose and manage children with congenital and acquired heart disease. From history and physical examination through preventative treatment and the management of special problems, the fully revised 6th edition incorporates all of the latest concepts in cardiology, distilled in a way that is understandable to pediatricians, family practitioners, NPs, and PAs alike. "...a concise

reference book; Students and clinician; practicing Pediatric cardiology will continue to find Park's Pediatric Cardiology book to be easy to read and refer for the precise information readily." Reviewed by: BACCH Newsletter, March 2015 Apply the latest knowledge and methods with coverage of surgical techniques in pediatric cardiology, the application of interventional non-surgical techniques, blood pressure standards, and cardiac arrhythmia treatments. Easily grasp the latest techniques with helpful line drawings throughout. Select the best approaches for your patients with extensive coverage of special problems, including congestive heart failure and syncope. Take advantage of the most recent diagnostic and

therapeutic advances in pediatric cardiology. Every topic and chapter has been revised and updated to reflect the latest medical and surgical treatments for all congenital and acquired heart diseases. New surgical approaches, including hybrid procedures, have been updated. A special focus has been placed on noninvasive imaging techniques, normative blood pressure standards, suggested approaches to pediatric hypertension, detection and management of lipid abnormalities as recommended by the Expert Panel, pediatric arrhythmias (including long QT syndrome), and much more. Access the full text online at Expert Consult.

[A Practice of Anesthesia for Infants and Children E-Book](#) - Charles J. Cote
2012-12-07

Provide optimal

anesthetic care to your young patients with *A Practice of Anesthesia in Infants and Children*, 5th Edition, by Drs. Charles J. Cote, Jerrold Lerman, and Brian J. Anderson. 110 experts representing 10 different countries on 6 continents bring you complete coverage of the safe, effective administration of general and regional anesthesia to infants and children - covering standard techniques as well as the very latest advances. Consult this title on your favorite e-reader with intuitive search tools and adjustable font sizes. Elsevier eBooks provide instant portable access to your entire library, no matter what device you're using or where you're located. Find authoritative answers on everything from preoperative evaluation through neonatal

emergencies to the PACU. Get a free laminated pocket reference guide inside the book! Quickly review underlying scientific concepts and benefit from expert information on preoperative assessment and anesthesia management, postoperative care, emergencies, and special procedures. Stay on the cutting edge of management of emergence agitation, sleep-disordered breathing and postoperative vomiting; the use of new devices such as cuffed endotracheal tubes and new airway devices; and much more. Familiarize yourself with the full range of available new drugs, including those used for premedication and emergence from anesthesia. Benefit from numerous new figures and tables that facilitate easier retention of the material; new insights

from neonatologists and neonatal pharmacologists; quick summaries of each chapter; and more than 1,000 illustrations that clarify key concepts. Access the entire text online, fully searchable, at www.expertconsult.com, plus an extensive video library covering simulation, pediatric airway management, burn injuries, ultra-sound guided regional anesthesia, and much more; and new online-only sections, tables and figures.

Echocardiography in Congenital Heart Disease

- Mark B. Lewin

2011-12-28

Echocardiography in Congenital Heart Disease

- a volume in the exciting new Practical Echocardiography Series edited by Dr. Catherine M. Otto - provides practical how-to-do-it guidance on

echocardiography for an ever-growing number of pediatric and adult congenital heart disease patients. Drs. Mark B. Lewin and Karen Stout offer you definitive, expert instruction with a highly visual, case-based approach that facilitates understanding and equips you to accurately acquire and interpret images while avoiding pitfalls. Access the full text online at www.expertconsult.com along with cases, procedural videos, and abundant, detailed figures and tables that show you how to proceed, step by step, and get the best results. Master challenging and advanced techniques including 3-D echocardiography and transesophageal echocardiography through a practical, step-by-step format that provides a practical approach to data

acquisition and analysis, technical details, pitfalls, and case examples. Expand your knowledge and apply the latest findings on congenital cardiovascular abnormalities and adult congenital heart disease. Reference the information you need quickly thanks to easy-to-follow, templated chapters, with an abundance of figures and tables that facilitate visual learning. Access the complete text and illustrations online at www.expertconsult.com plus video clips, additional cases, and much more! Master echocardiography techniques for pediatric and adult patients with Congenital Heart Disease

Nephrology and Fluid/Electrolyte Physiology: Neonatology Questions and Controversies - William Oh, MD 2012-03-12

Nephrology and Fluid/Electrolyte Physiology, 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, which includes online access that allows you to search across all titles! 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. Access the fully searchable text online at www.expertconsult.com. Cloherty and Stark's Manual of Neonatal Care - Anne R. Hansen 2016-10-11 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.

The Newborn Lung: Neonatology Questions and Controversies -

Eduardo Bancalari, MD
2012-03-21

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. *Physical Assessment of the Newborn* - Ellen P. Tappero, DNP, RN, NNP-BC 2014-09-01 *Physical Assessment of the Newborn*, 5th Edition, is a

comprehensive text with a wealth of detailed information on the assessment of the newborn. This valuable and essential resource illustrates the principles and skills needed to gather assessment data systematically and accurately, and also provides a knowledge base for interpretation of this data. Coverage addresses: gestational assessment, neurologic assessment, neonatal history, assessment of the dysmorphic infant, and systemic evaluation of individual body systems, as well as key information on behavioral and pain assessment, including the use of specific tools with various groups ranging from term to extremely preterm infants. Numerous tables, figures, illustrations, and photos, many of them in

full color, are a major strength that enhances the book's usefulness as a clinical resource. The text is an excellent teaching tool and resource for anyone who performs newborn examinations including nurses, neonatal and pediatric nurse practitioners, nurse-midwives, physicians and therapists. It can also serve as a core text for any program preparing individuals for advanced practice roles in neonatal care. KEY FEATURES: An authoritative and renowned text that comprehensively addresses all key aspects of newborn assessment Provides a well-ordered evaluation of individual body systems. Assists the practitioner in identifying infant state, behavioral clues, and signs of pain, facilitating

individualized care. Comprehensively addresses the tremendous range of variation among newborns of different gestational ages. The content is amplified by numerous photos and illustrations, many in full color Includes Power Point slides and an Image Bank Smith's Anesthesia for Infants and Children E-Book - Etsuro K. Motoyama 2010-12-09 Smith's Anesthesia for Infants and Children, 8th Edition, edited by Drs. Peter J. Davis, Franklyn P. Cladis, and Etsuro K. Motoyama, delivers all the state-of-the-art guidance you need to provide optimal perioperative care for any type of pediatric surgery. Now in full color throughout, it also features online access to an image and video library, including ultrasound-guided pediatric regional

blocks, review-style questions, plus the complete fully-searchable text at expertconsult.com. Get expert guidance from leading experts covering both basic science and clinical practice for every aspect of pediatric anesthesia. Incorporate the latest clinical guidelines and innovations in your practice. Find key facts fast with quick-reference appendices: drug dosages, growth curves, normal values for pulmonary function tests, and a listing of common and uncommon syndromes. Access the complete contents and illustrations online at expertconsult.com – fully searchable! Watch online video demonstrations of ultrasound-guided and conventional pediatric regional blocks, airway management, cardiac anesthesia, single-lung

ventilation, neonatal surgery, and fetal surgery. Gain new insight into today's hottest topics, including sleep-disordered breathing, cuffed endotracheal tubes, premedication, emergence agitation, postoperative vomiting, and new airway devices. Stay current with new chapters on ICU management, conjoined twins, and basic neonatal physiology, plus new coverage of pharmacology and monitoring techniques. Get outstanding visual guidance with full-color illustrations throughout the book.

Anesthesia and Uncommon

Diseases - Lee A
Fleisher 2012-06-01

Your awareness of uncommon diseases and possible complications is vital to successful anesthetic patient management. *Anesthesia and Uncommon Diseases*,

6th Edition, brings you up to date with new information on less commonly seen diseases and conditions, including the latest evidence and management guidelines. This unique medical reference book is essential for a complete understanding of today's best options and potential difficulties in anesthesia. Improve your ability to successfully manage every patient, including those with rare diseases or conditions. Avoid complications with unique coverage of an important aspect of anesthetic management. Access the complete contents and illustrations online at www.expertconsult.com - fully searchable! Stay current with all-new chapters on adult congenital heart disease, rheumatic diseases, and the cancer

patient, plus many more revisions throughout. Get outstanding visual guidance with hundreds of illustrations, now in full color. Understand uncommon diseases to avoid anesthetic complications!

Obstetrics: Normal and Problem Pregnancies E-Book - Mark B Landon
2020-02-17

Highly readable, well-illustrated, and easy to understand, Gabbe's Obstetrics: Normal and Problem Pregnancies is an ideal day-to-day reference or study tool for residents and clinicians. This 8th Edition of this bestselling text offers fast access to evidence-based, comprehensive information, now fully revised with substantial content updates, new and improved illustrations, and a new, international editorial team that continues the tradition of excellence

established by Dr. Steven Gabbe. Puts the latest knowledge in this complex specialty at your fingertips, allowing you to quickly access the information you need to treat patients, participate knowledgably on rounds, and perform well on exams. Contains at-a-glance features such as key points boxes, bolded text, chapter summaries and conclusions, key abbreviations boxes, and quick-reference tables, management and treatment algorithms, and bulleted lists throughout. Features detailed illustrations from cover to cover—many new and improved—including more than 100 ultrasound images that provide an important resource for normal and abnormal fetal anatomy. Covers key topics such as prevention of maternal mortality, diabetes in pregnancy, obesity in

pregnancy, vaginal birth after cesarean section, and antepartum fetal evaluation. Provides access to 11 videos that enhance learning in areas such as cesarean delivery and operative vaginal delivery.

Yen & Jaffe's Reproductive

Endocrinology - Jerome F. Strauss, III MD, PhD
2013-09-13

Yen Jaffe's Reproductive Endocrinology helps you successfully diagnose and manage the spectrum of female and male reproductive system diseases, from impaired fertility, infertility, and recurrent pregnancy loss through problems of sexual development, puberty, menstrual disturbances, fibroids, endometriosis, and reproductive aging. This trusted endocrinology reference book is ideal for fellows, endocrinologists, or as a quick reference when

making daily diagnostic and therapeutic decisions. It is just the resource you need to offer your patients the best possible reproductive care. "This new edition helps the reader to stay on top of recent developments. It is a must for subspecialists in reproductive medicine and a valuable source of information in the library of any department and clinical unit involved in reproductive medicine." Reviewed by Acta Obstetricia et Gynecologica Scandinavica February 2015 "It is a must for subspecialists in reproductive medicine and a valuable source of information in the library of any department and clinical unit involved in reproductive medicine." Reviewed by Acta Obstetricia et

Gynecologica Scandinavica , March 2015 Get unmatched guidance you can trust, such as fresh insights into today's field and future advances, through the knowledge gleaned from worldwide fertility experts in reproductive medicine. Further your study of Reproductive Endocrinology with a list of suggested readings at the end of each chapter. Conveniently access the fully searchable text and view all of the images online at Expert Consult. Apply the latest reproductive endocrinology advances in basic and clinical science, including molecular, cellular, and genetic concepts, and grasp their relevance to pathophysiology, diagnosis, and therapy. Maximize fertility in women and men undergoing chemotherapy and other cancer treatments, and

counsel patients on environmental factors affecting reproduction. Stay on top of recent developments including the impact of obesity on fertility; ovarian tissue banking; cryopreservation; pre-implantation genetic diagnosis; ovulation induction; and risks and treatments for steroid hormone-responsive cancers. View basic anatomic structures, endocrine processes, and cell function and dysfunction with absolute clarity through full-color illustrations and new images throughout. Confidently perform procedures through expanded coverage of reproductive and infertility surgery and online videos demonstrating key techniques.

Mandell, Douglas, and Bennett's Principles and Practice of Infectious Diseases - John E.

Bennett 2019-08-08

For four decades, physicians and other healthcare providers have trusted Mandell, Douglas, and Bennett's *Principles and Practice of Infectious Diseases* to provide expert guidance on the diagnosis and treatment of these complex disorders. The 9th Edition continues the tradition of excellence with newly expanded chapters, increased global coverage, and regular updates to keep you at the forefront of this vitally important field. Meticulously updated by Drs. John E. Bennett, Raphael Dolin, and Martin J. Blaser, this comprehensive, two-volume masterwork puts the latest information on challenging infectious diseases at your fingertips.

Provides more in-depth coverage of epidemiology, etiology,

pathology, microbiology, immunology, and treatment of infectious agents than any other infectious disease resource. Features an increased focus on antibiotic stewardship; new antivirals for influenza, cytomegalovirus, hepatitis C, hepatitis B., and immunizations; and new recommendations for vaccination against infection with pneumococci, papillomaviruses, hepatitis A, and pertussis. Covers newly recognized enteroviruses causing paralysis (E-A71, E-D68); emerging viral infections such as Ebola, Zika, Marburg, SARS, and MERS; and important updates on prevention and treatment of *C. difficile* infection, including new tests that diagnose or falsely over-diagnose infectious diseases. Offers fully revised

content on bacterial pathogenesis, antibiotic use and toxicity, the human microbiome and its effects on health and disease, immunological mechanisms and immunodeficiency, and probiotics and alternative approaches to treatment of infectious diseases. Discusses up-to-date topics such as use of the new PCR panels for diagnosis of meningitis, diarrhea and pneumonia; current management of infected orthopedic implant infections; newly recognized infections transmitted by black-legged ticks in the USA: *Borrelia miyamotoi* and Powassan virus; infectious complications of new drugs for cancer; new drugs for resistant bacteria and mycobacteria; new guidelines for diagnosis and therapy of HIV infections; and new

vaccines against herpes zoster, influenza, meningococci. PPID continues its tradition of including leading experts from a truly global community, including authors from Australia, Canada and countries in Europe, Asia, and South America. Features more than 1,500 high-quality, full-color photographs—with hundreds new to this edition.

Child Abuse and Neglect

- Carole Jenny

2010-09-15

Carole Jenny's *Child Abuse and Neglect: Diagnosis, Treatment and Evidence* focuses attention on the clinical evidence of child abuse to help you correctly diagnose and treat such cases in your own practice. In print and online, this unique, well-illustrated clinical reference provides new insights into the presentation

and differential diagnosis of physical abuse and looks at shaken baby syndrome, sex offenders, and abuse in religious organizations, information on the biomechanics of injury, and other factors. Identify an abusive injury and treat it effectively by reviewing evidence and critical analyses from leading authorities in the field. Recognize the signs of shaken baby syndrome, sex offenders, and abuse in religious organizations. Understand the biomechanics of injury to determine whether abuse was truly the cause of a child's injury. View illustrations that show first-hand examples of child abuse or neglect. Search the complete contents online and download the illustrations at

www.expertconsult.com.
Expert clinical evidence
to recognize, diagnose
and treat child abuse

Cardiac

Electrophysiology: from Cell to Bedside -

Douglas P. Zipes
2013-10-25

Cardiac

Electrophysiology: From Cell to Bedside puts the latest knowledge in this subspecialty at your fingertips, giving you a well-rounded, expert grasp of every cardiac electrophysiology issue that affects your patient management. Drs. Zipes, Jalife, and a host of other world leaders in cardiac electrophysiology use a comprehensive, multidisciplinary approach to guide you through all of the most recent cardiac drugs, techniques, and technologies. Get well-rounded, expert views of every cardiac electrophysiology issue

that affects your patient management from preeminent authorities in cardiology, physiology, pharmacology, pediatrics, biophysics, pathology, cardiothoracic surgery, and biomedical engineering from around the world. Visually grasp and easily absorb complex concepts through an attractive full-color design featuring color photos, tables, flow charts, ECGs, and more! Integrate the latest scientific understanding of arrhythmias with the newest clinical applications, to select the right treatment and management options for each patient. Stay current on the latest advancements and developments with sweeping updates and 52 NEW chapters - written by many new authors - on some of the hottest cardiology topics, such

as new technologies for the study of the molecular structure of ion channels, molecular genetics, and the development of new imaging, mapping and ablation techniques. Get expert advice from Dr. Douglas P. Zipes - a leading authority in electrophysiology and editor of Braunwald's Heart Disease and the Heart Rhythm Journal - and Dr. Jose Jalife - a world-renowned leader and researcher in basic and translational cardiac electrophysiology. Access the full text online at Expert Consult, including supplemental text, figures, tables, and video clips. Your purchase entitles you to access the web site until the next edition is published, or until the current edition is no longer offered for sale by Elsevier,

whichever occurs first. If the next edition is published less than one year after your purchase, you will be entitled to online access for one year from your date of purchase. Elsevier reserves the right to offer a suitable replacement product (such as a downloadable or CD-ROM-based electronic version) should online access to the web site be discontinued.

Klaus and Fanaroff's Care of the High-Risk Neonate E-Book - Avroy A. Fanaroff 2019-09-04
Trusted by neonatologists for more than 40 years, Klaus and Fanaroff's Care of the High-Risk Neonate provides unique, authoritative coverage of technological and medical advances in this challenging field, and includes personal and practical editorial comments that are the

hallmark of this renowned text. The 7th Edition helps you take advantage of recent advances in the NICU that have improved patient care, outcomes, and quality of life, with new coverage of genetics and imaging, new cases and commentary throughout, new contributors, and much more. Covers all aspects of high-risk neonatal care, including resuscitation, transport, nutrition, respiratory problems and assisted ventilation, and organ-specific care. Includes two new chapters: Genetics, Inborn Errors of Metabolism, and Newborn Screening; and Neonatal Imaging. Features new case studies, new editorial comments that provide pearls and red herrings, and question-and-answer sections at the end of each chapter. These popular features

set this book apart from other NICU-related titles. Uses a new two-color format for readability and quick reference. Contains updated content throughout; easy-to-follow clinical workflow algorithms; numerous tables and illustrations; useful appendices with drug information, normal values, and conversion charts.

Fetal Medicine E-Book -

Pranav P Pandya

2019-02-09

Covering pertinent basic science and offering today's most authoritative guidance on clinical management, Fetal Medicine, 3rd Edition, is a must-have resource for obstetricians and other healthcare professionals involved in care of the fetus. An international team of expert contributors delivers the knowledge and

background you need to effectively diagnose and treat fetal disorders – everything from prenatal screening and diagnostic tests to common and rare prenatal conditions, early pregnancy loss, ethical issues, and much more. Focuses on fetal medicine throughout, bringing you today's most reliable information in both basic science and clinical topics. Offers updated information from cover to cover, including new coverage of genetics, embryology, and clinical management. Features new self-assessment questions and new images throughout – for a total of nearly 1,000 photographs and line drawings, as well as more than 150 quick-reference tables. Details fast-changing developments in fetal medicine, including advances in ultrasound imaging, cytogenetics,

molecular biology, and biochemistry. Helps you learn and retrieve complex information quickly thanks to succinct, highly structured text; key points at the beginning of each chapter; and concise chapter summaries.

Hemodynamics and Cardiology: Neonatology Questions and Controversies - Charles S. Kleinman, MD

2012-03-29

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. Fetal & Neonatal Secrets - Richard A. Polin 2013-09-11 Fetal and Neonatal Secrets by Drs. Richard Polin and Alan Spitzer, uses the success formula of the highly popular Secrets Series to offer fast answers to the most essential clinical questions in fetal and neonatal medicine. With its user-friendly Q&A format, practical tips from neonatologists and fetal medicine experts, and "Key Points" boxes, this portable and easy-to-read medical reference book provides rapid access to the practical knowledge you need to succeed both in practice and on board and recertification exams. "Fetal and Neonatal Secrets is a

book with an alternative setup that offers answers to a wide spectrum of clinical questions in the field of fetal and neonatal medicine. The book covers both fetal and neonatal medicine, and could be relevant for junior doctors aiming to become obstetricians or pediatricians." Reviewed by: Acta Obstetrica et Gynecologica Scandinavica, January 2015 Get the evidence-based guidance you need to provide optimal care for your fetal and neonatal patients. Zero in on key fetal and neonatal information with a question and answer format, bulleted lists, mnemonics, and practical tips from the authors. Enhance your reference power with a two-color page layout, "Key Points" boxes, and lists of useful websites. Review essential material

efficiently with the "Top 100 Secrets in Fetal and Neonatal Medicine" - perfect for last-minute study or self-assessment. Apply all the latest pediatric advances in clinical fetal neonatology techniques, technology, and pharmacology
Maternal-fetal Medicine
- Robert K. Creasy 1984

Fetal and Neonatal Physiology, 2-Volume Set
- Richard A. Polin
2021-08-03
Offering the comprehensive, authoritative information needed for effective diagnosis, treatment, and management of sick and premature infants, *Fetal and Neonatal Physiology*, 6th Edition, is an invaluable resource for board review, clinical rounds, scientific research, and day-to-day practice. This trusted two-volume text

synthesizes recent advances in the field into definitive guidance for today's busy practitioner, focusing on the basic science needed for exam preparation and key information required for full-time practice. It stands alone as the most complete text available in this complex and fast-changing field, yet is easy to use for everyday application. Offers definitive guidance on how to effectively manage the many health problems seen in newborn and premature infants. Contains new chapters on Pathophysiology of Genetic Neonatal Disease, Genetic Variants and Neonatal Disease, and Developmental Biology of Lung Stem Cells, as well as significantly revised chapters on Cellular Mechanisms of Neonatal Brain Injury,

Neuroprotective Therapeutic Hypothermia, Enteric Nervous System Development and Gastrointestinal Motility, and Physiology of Twin-Twin Transfusion. Features 1,000 full-color diagrams, graphs and anatomic illustrations, 170+ chapters, and more than 350 global contributors. Includes chapters devoted to clinical correlation that help explain the implications of fetal and neonatal physiology, as well as clinical applications boxes throughout. Provides summary boxes at the end of each chapter and extensive cross-referencing between chapters for quick reference and review. Allows you to apply the latest insights on genetic therapy, intrauterine infections, brain protection and neuroimaging, and much

more. Enhanced eBook version included with purchase. Your enhanced eBook allows you to access all of the text, figures, and references from the book on a variety of devices.

Pediatric Surgery, 2-Volume Set - Arnold G. Coran 2012-02-14
Pediatric Surgery, 7th Edition - edited by Arnold G. Coran, Anthony Caldamone, N. Scott Adzick, Thomas M. Krummel, Jean-Martin Laberge, and Robert Shamberger - features comprehensive, up-to-date guidance on all aspects of childhood surgery, including congenital malformations, tumors, trauma, and urologic problems. Apply the latest developments in fetal surgery, adolescent bariatric surgery, minimally invasive surgery in children, and tissue engineering for the

repair of congenital anomalies, such as the separation of conjoined twins. you can also access the fully searchable text online at

www.expertconsult.com, making this definitive resource more accessible than ever. Get comprehensive coverage of cutting-edge technology in pediatric surgical diseases, including imaging concepts, minimally invasive techniques, robotics, diagnostic and therapeutic advances, and molecular biology and genetics. Find information quickly and easily with an intuitive organization by body region and organs. Apply the guidance of world-renowned experts in pediatric surgery. Access the fully searchable text online at www.expertconsult.com. Stay current on recent

developments in fetal surgery, adolescent bariatric surgery, minimally invasive surgery in children, and tissue engineering for the repair of congenital anomalies, such as the separation of conjoined twins. Master the latest surgeries available for fetal and neonatal patients and provide life-saving options at birth. Tap into the expertise of new editors who bring fresh perspectives to cutting-edge techniques. A comprehensive text of cutting-edge surgeries in pediatrics

Avery's Diseases of the Newborn - Christine A. Gleason 2012

Thoroughly revised and updated, the New Edition of this definitive text explains how to care for neonates using the very latest methods. It maintains a clinical focus while providing state-of-the-art

diagnosis and treatment techniques. Written by more than 55 specialists who are actively involved in the care of sick newborns, it serves as an authoritative reference for practitioners, a valuable preparation tool for neonatal board exams, and a useful resource for the entire neonatal care team.

Fetal and Neonatal Physiology - Richard A. Polin 2011-01-01
Fetal and Neonatal Physiology, edited by Drs. Polin, Fox, and Abman, focuses on physiologic developments of the fetus and newborn and their impact on the clinical practice of neonatology. A must for practice, this 4th edition brings you the latest information on genetic therapy, intrauterine infections, brain protection and neuroimaging, and much more. You'll also have

easy access to the complete contents and illustrations online at expertconsult.com. Gain a comprehensive, state-of-the-art understanding of normal and abnormal physiology, and its relationship to disease in the fetus and newborn premature infant, from Dr. Richard Polin and other acknowledged worldwide leaders in the field. Understand the implications of fetal and neonatal physiology through chapters devoted to clinical correlation. Apply the latest insights on genetic therapy, intrauterine infections, brain protection and neuroimaging, and much more. Effectively manage the consequences of intrauterine infections with three new chapters covering intrauterine infection and preterm birth, intrauterine infection and brain injury, and intrauterine

infection and chronic lung disease. Access the complete contents and illustrations online at expertconsult.com - fully searchable! Get the latest developments and a full understanding of the distinct physiology of the fetus and newborn so you can treat and manage sick newborns and premies. **Obstetric Anesthesia** - David H. Chestnut 2004 Encompasses the entire current state of knowledge about obstetric anesthesia. Edited by a leading authority in the field, it covers everything from basic science through the various anesthesia techniques for labor and delivery to the full range of anesthetic and obstetric complications, as well as medical disorders during pregnancy. *Gastroenterology and Nutrition: Neonatology Questions and*

Controversies - Josef Neu, MD 2012-03-20
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. 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 what the controversies are and where the field is moving in terms of basic intestinal development and nutritional requirements for the neonate. Access the fully searchable text online at www.expertconsult.com. Creasy and Resnik's Maternal-Fetal Medicine: Principles and Practice E-Book - Robert K. Creasy 2013-09-17
Minimize complications with Creasy and Resnik's Maternal-Fetal Medicine. This medical reference book puts the most

recent advances in basic science, clinical diagnosis, and management at your fingertips, equipping you with the up-to date evidence-based guidelines and knowledge you need to ensure the best possible outcomes in maternal-fetal medicine. Consult this title on your favorite e-reader, conduct rapid searches, and adjust font sizes for optimal readability. Apply today's best practices in maternal-fetal medicine with an increased emphasis on evidence-based medicine. Find dependable, state-of-the-art answers to any clinical question with comprehensive coverage of maternal-fetal medicine from the foremost researchers and practitioners in obstetrics, gynecology and perinatology. Take advantage of the most recent diagnostic

advances with a new section on Obstetrical Imaging, complemented by online ultrasound clips as well as cross references and links to genetic disorder databases. Stay on top of rapidly evolving maternal-fetal medicine through new chapters on Recurrent Spontaneous Abortion, Stillbirth, Patient Safety, Maternal Mortality, and Substance Abuse, as well as comprehensive updates on the biology of parturition, fetal DNA testing from maternal blood, fetal growth, prenatal genetic screening and diagnosis, fetal cardiac malformations and arrhythmias, thyroid disease and pregnancy, management of depression and psychoses during pregnancy and the puerperium, and much more. Access the complete contents online at Expert Consult.

**Fetal and Neonatal
Physiology E-Book -**

Richard A. Polin
2016-05-11

Fetal & Neonatal Physiology provides neonatologist fellows and physicians with the essential information they need to effectively diagnose, treat, and manage sick and premature infants. Fully comprehensive, this resource continues to serve as an excellent reference tool, focusing on the basic science needed for exam preparation and the key information required for full-time practice. The 5th edition is the most substantially updated and revised edition ever. In the 5 years since the last edition published, there have been thousands of publications on various aspects of development of health and disease; Fetal and Neonatal Physiology synthesizes

this knowledge into definitive guidance for today's busy practitioner. Offers definitive guidance on how to effectively manage the many health problems seen in newborn and premature infants. Chapters devoted to clinical correlation help explain the implications of fetal and neonatal physiology. Allows you to apply the latest insights on genetic therapy, intrauterine infections, brain protection and neuroimaging, and much more. Features a fantastic new 4-color design with 1,000 illustrations, 170+ chapters, and over 350 contributors. 16 new chapters cover such hot topics as Epigenetics; Placental Function in Intrauterine Growth Restriction; Regulation of Pulmonary Circulation; The Developing Microbiome of

the Fetus and Newborn; Hereditary Contribution to Neonatal Hyperbilirubinemia; Mechanistic Aspects of Phototherapy for Neonatal Hyperbilirubinemia; Cerebellar Development; Pathophysiology of Neonatal Sepsis; Pathophysiology of Persistent Pulmonary Hypertension of the Newborn; Pathophysiology of Meconium Aspiration Syndrome; Pathophysiology of Ventilator Dependent Infants; Pathophysiology of Hypoxic-Ischemic Brain Injury; Pathophysiology of Neonatal White Matter Injury; Pathophysiology of Meningitis; Pathophysiology of Preeclampsia; and Pathophysiology of Chorioamnionitis. New Pathophysiology of Neonatal Diseases section highlights every process associated with

a disease or injury, all in one place. In-depth information, combined with end-of-chapter summaries, enables deep or quick use of the text.

Rosen's Emergency Medicine - Concepts and Clinical Practice, 2-Volume Set, Expert Consult Premium Edition - Enhanced Online

Features and Print, 7 - James Adams 2010-01-01

This reference places the latest information at users' fingertips, and a more streamlined format makes it easy to find the exact information quickly and conveniently. Includes access to a companion Web site for additional resources.

Neonatology: Questions and Controversies Series 7-Volume Series Package

- Richard A. Polin
2018-09-10

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 Ashcraft's Pediatric Surgery E-Book - George W. Holcomb 2014-01-31 Acclaimed for its unsurpassed readability and manageable scope, Ashcraft's Pediatric Surgery presents authoritative, practical guidance on treating the entire range of general surgical and urological problems in infants,

children, and adolescents. State-of-the-art, expert coverage equips you to implement all the latest approaches and achieve optimal outcomes for all of your patients. Consult this title on your favorite e-reader, conduct rapid searches, and adjust font sizes for optimal readability. Make the most effective use of today's best open and minimally invasive techniques, including single-site umbilical laparoscopic surgery, with guidance from internationally recognized experts in the field. Focus on evidence-based treatments and outcomes to apply today's best practices. Stay current with timely topics thanks to brand-new chapters on Choledochal Cyst and Gallbladder Disease, Tissue Engineering, and Ethics in Pediatric Surgery,

plus comprehensive updates throughout. Hone and expand your surgical skills by watching videos of minimally invasive procedures for recto urethral fistula, biliary atresia, laparoscopic splenectomy, uterine horn, and more. Grasp the visual nuances of surgery from over 1,000 images depicting today's best surgical practices.

Avery & MacDonald's Neonatology - James Boardman 2021-05-18
For more than 45 years, Avery & MacDonald's Neonatology has been the premier text on the pathophysiology and management of both preterm and full-term neonates, trusted by neonatologists, neonatology fellows, pediatricians, neonatal nurse practitioners, and ob/gyn practitioners worldwide. Continuing the tradition of excellence established

by Drs. Gordon B. Avery and Mhairi G. MacDonald, this fully revised eighth edition features three new lead editors, numerous new chapters, reorganized and updated content, and an increased focus on global neonatology.

Neonatal-perinatal Medicine - Richard J. Martin 2002

The quintessential reference for neonatal-perinatal medicine.

Smith's Anesthesia for Infants and Children E-Book - Peter J. Davis 2016-10-15

Now thoroughly up to date with new chapters, Smith's Anesthesia for Infants and Children, 9th Edition, by Drs. Peter Davis and Franklyn Cladis, covers the information you need to provide effective perioperative care for any type of pediatric surgery. Leading experts in pediatric anesthesia bring you up to date

with every aspect of both basic science and clinical practice, helping you incorporate the latest clinical guidelines and innovations in your practice. Quick-reference appendices: drug dosages, growth curves, normal values for pulmonary function tests, and a listing of common and uncommon syndromes. Outstanding visual guidance in full color throughout the book. Consult this title on your favorite e-reader, conduct rapid searches, and adjust font sizes for optimal readability. More than 100 video demonstrations, including new regional anesthesia videos, echocardiograms of congenital heart lesions, anatomic dissections of various congenital heart specimens with audio explanations, various

pediatric surgical operative procedures, airway management, and much more. Table of Contents has been reorganized and new chapters added on statistics, sedation, pediatric obesity, and cardiac critical care pediatrics. A new chapter on regional anesthesia for pediatrics, including video and ultrasound demonstrations online. A new chapter on dermatology, specifically for the anesthesiologist, with more than 100 photos. A new chapter on medical missions to third-world countries, including what you should know before you go. A new Questions chapter provides opportunities for self-assessment. New coverage includes cardiac anesthesia for congenital heart disease, anesthesia outside the operating

room, and a new neonatology primer for the pediatric anesthesiologist.

Avery's Diseases of the Newborn with Expert Consult Print, 9e - Christine A. Gleason
2011-12-16

Avery's Diseases of the Newborn, edited by Christine A. Gleason and Sherin U. Devaskar, is a practical, clinical reference for diagnosing and managing of all the important diseases affecting newborns. Thoroughly revised by a team of new editors, this edition provides new perspectives and updated coverage of genetics, nutrition, respiratory conditions, MRSA, neonatal pain, cardiovascular fetal interventions, care of the late preterm infant, and more. You can also access the fully searchable text and downloadable images online at

www.expertconsult.com, making this authoritative reference ideal as a clinical resource or subspecialty review tool. Treat newborns effectively with focused coverage of diagnosis and management, including pertinent developmental physiology and the pathogenesis of neonatal problems. Meet every challenge you face in neonatology with Avery's authoritative, comprehensive clinical resource and subspecialty review tool. Navigate quickly and easily with extensive cross-referencing throughout the organ-related sections.

Nelson Essentials of Pediatrics E-Book -

Karen Marcdante
2014-02-25

The resource of choice for pediatric residencies, clerkships, and exams, Nelson

Essentials of Pediatrics continues to provide a focused overview of the core knowledge in pediatrics. Succinct, targeted coverage of normal childhood growth and development, as well as the diagnosis, management, and prevention of common pediatric diseases and disorders, make this an ideal medical reference book for students, pediatric residents, nurse practitioners, and physician assistants. Consult this title on your favorite e-reader, conduct rapid searches, and adjust font sizes for optimal readability. Get an effective overview of pediatrics with help from concise text, a full-color design, high-yield tables, and numerous

images. Take advantage of a wealth of images that capture the clinical manifestations and findings associated with Kawasaki disease, lupus, lymphoma, stroke, and many other disorders seen in children. Efficiently review essential, concise pediatric content with this popular extension of the Nelson Textbook of Pediatrics (ISBN: 978-1-4377-0755-7). Focus on the core knowledge needed for your pediatric clerkship or rotation with coverage that follows the COMSEP curriculum guidelines. Easily visualize complex aspects with a full-color layout and images, as well as numerous tables throughout the text.