

Advanced Maternal Age Acog Guidelines

Guidelines for Perinatal Care

Clinical Guidelines for Advanced Practice Nursing: An Interdisciplinary Approach, Third Edition is an accessible and practical reference designed to help nurses and students with daily clinical decision making. Written in collaboration with certified nurse midwives, clinical nurse specialists, nurse practitioners, nutritionists, pharmacists, and physicians, it fosters a team approach to health care. Divided into four areas—Pediatrics, Gynecology, Obstetrics, and, Adult General Medicine—and following a lifespan approach, it utilizes the S-O-A-P (Subjective-Objective-Assessment-Plan) format. Additionally, the authors explore complex chronic disease management, health promotion across the lifespan, and professional and legal issues such as reimbursement, billing, and the legal scope of practice. The Third Edition has a keen focus on gerontology to accommodate the AGNP specialty and to better assist the student or clinician in caring for the aging population. The authors follow the across the life span approach and focus on common complete disorders. Certain chapters have been revised and new chapters have been added which include: Health Maintenance for Older Adults; Frailty; Common Gerontology Syndromes; Cancer Survivorship; Lipid Disorders; Acne (pediatrics section). Please note that the 2016 CDC Guidelines for prescribing opioids for chronic pain in the United States were not yet available at the time the authors were updating the Third Edition. See the Instructor Resources tab to read a note from the authors about their recommendations for resources around these guidelines.

This book provides a practical, multidisciplinary approach to support a broad range of health professionals, social workers, public health workers and others tasked with providing health and care to young adults. The continuum of life begins with the health and wellness of parents prior to conception, followed by embryonic and fetal development, and continues throughout life. Each person's life stages prepare them for the next and determine their health outcome and wellbeing over time. The text highlights the importance of promoting health throughout the lifespan, the influence of intergenerational health, and the concept of the Developmental Origins of Health and Disease in epigenetic processes and embryology. Authors underscore the importance of advancing health equity and lift up some of the ethical considerations in this work. The authors explore specific interventions in four major categories: Lifestyle, Infections, Nutrition, and Contraception / Pregnancy Planning (LINC). Preconception care is defined by the World Health Organization as the provision of biomedical, behavioural and social health interventions to women and couples before conception. Preconception care includes evidence-based interventions to improve health status, to reduce behaviours, individual and environmental factors that contribute to poor health outcomes. This book offers readers evidence-based guidance regarding fertility awareness and sperm health, genetic counselling and lifestyle assessments, as well as mental wellbeing, alcohol, tobacco and pharmacotherapy, and specialist care for those with chronic conditions, including a review of medications. It also covers relevant infections, including HIV and the Zika virus, as well as different types of environmental and occupational exposure. The book employs a framework focusing on health promotion, the social determinants of health, and the science behind preconception care. Strategies for improving preconception and interconception health, including examples from around the globe, are described in detail. Highly readable, well illustrated, and easy to understand, Obstetrics: Normal and Problem Pregnancies remains your go-to choice for authoritative guidance on managing today's obstetric patient. Reflecting the expertise of internationally recognized authorities, this bestselling obstetrics reference has been thoroughly revised to bring you up to date on everything from ultrasound assessment of fetal anatomy and growth, to medical complications in pregnancy, to fetal therapy...and much more! 'An excellent reference for residents and fellows in training alike' Reviewed by: Obstetrics and Prenatal Diagnosis Unit, Landspítali University Hospital/University of Iceland Date: December 2014 Benefit from the knowledge and experience of international experts in obstetrics. Gain a new perspective on a wide range of today's key issues - all evidence-based and easy to read. Stay current with new coverage of fetal origins of adult disease, evidence-based medicine, quality assessment, nutrition, global obstetric practices, and much more. Find the information you need quickly with bolded key statements, additional tables, flow diagrams, and bulleted lists for easy reference. Zero in on "Key Points" in every chapter - now made more useful than ever with the inclusion of related statistics. View new ultrasound nomograms in the Normal Values in Pregnancy appendix. Access the complete contents online, plus exclusive references, tables, and images, at www.expertconsult.com.

"Fetal heart rate monitoring is widely used by almost every obstetrician as a way to document the case and to help decrease health care costs. This is a short reference on the physiologic benefits, instrumentation, application and interpretation of fetal heart rate monitoring. The second half of the book uses actual FHR strips and cases to illustrate various anomalies (fetal distress, fetal distress in prematurity, fetus with CNS dysfunction). Several new drugs have been introduced for use during labor that effect FHR"--Provided by publisher.

The premier single-volume reference in the field of anesthesia, Clinical Anesthesia is now in its Sixth Edition, with thoroughly updated coverage, a new full-color design, and a revamped art program featuring 880 full-color illustrations. More than 80 leading experts cover every aspect of contemporary perioperative medicine in one comprehensive, clinically focused, clear, concise, and accessible volume. Two new editors, Michael Cahalan, MD and M. Christine Stock, MD, join Drs. Barash, Cullen, and Stoelting for this edition. A companion Website will offer the fully searchable text, plus access to enhanced podcasts that can be viewed on your desktop or downloaded to most Apple and BlackBerry devices.

Volume 12 of the world-renowned Trophoblast Research series, devoted to placental science.

"Designed as an informational resource for patients, Your Pregnancy and Childbirth: Month to Month Seventh Edition sets forth current information and clinical opinions on subjects related to women's health and reproduction. Your pregnancy and Childbirth: Month to Month is a resource for informational purposes. Topics include getting ready for pregnancy choosing an obstetric care provider what to expect during each month of pregnancy exercise during pregnancy work and travel during pregnancy pain relief during childbirth labor and delivery cesarean delivery postpartum care and taking care of the baby after birth, birth control after pregnancy"--

Gain a critical understanding of obstetrics, and a thorough knowledge base of modern management techniques, with this accessible textbook. While acting as a stand-alone text on obstetric care, this volume also forms part of a three-volume set - all authored by leading authorities - on the entirety of obstetric and gynecologic practice. Obstetric Care's topics are based on academic objectives of experts in the field. This textbook offers tailored support for new residents and experienced physicians alike. Obstetric Care is invaluable for wide-ranging yet concise reference material, and provides evidence based care recommendations for specific patient conditions. The chapters in this textbook are based on the objectives of the Committee for Resident Education in Obstetrics and Gynecology; the book offers outstanding modern management techniques across the obstetrics specialty, making it a go-to for reference and comprehensive study.

The versatility of oocyte and embryo donation has proven to be extremely valuable to both patients and doctors engaged in reproductive medicine. Originally thought to be applicable only to a rather small subset of infertile women, today busy practices commonly recommend the procedure and it is estimated that nearly all of the 400 or more IVF programs in the United States provide these services. Oocyte and embryo donation has established itself as a mainstay procedure within assisted reproductive care, and the breadth, depth and complexity of practice is deserving of focused attention. Much has changed within the field of oocyte and embryo donation since the publication of the first edition of Principles of Oocyte and Embryo Donation in 1998, thus the need for a completely updated and more expansive text. The second edition of this book provides an overview of the major issues affecting men and women engaged in the practice of oocyte and embryo donation. A primary emphasis has been placed on defining the standards of practice that have evolved over the past 30 years, clearly stating the outcomes expected from adhering to these established protocols. Details of both the basic science and the clinical medicine are presented together and attention is also focused on the non-reproductive aspects inherent to this unique method of assisted reproduction that involves opinions from lawyers, ethicists, mental health care professionals and theologians. Oocyte and embryo donation requires a working knowledge of the medicine, the law and the ethics that underlies its foundation. This book is intended to serve as a complete and comprehensive reference for all health care professionals that provide services related to egg donation, reproductive endocrinologists, obstetrician- gynecologists, and fellows and residents entering the fertility field.

Fanaroff and Martin's Neonatal-Perinatal Medicine covers everything you need to improve the quality of life and long-term outcomes of your patients. Drs. Richard J. Martin, Avroy A. Fanaroff, and Michele C. Walsh, along with a multi-disciplinary team of contributors guide you through the sweeping developments in diagnosis and treatment of the mother fetus, and neonate. The completely updated 9th edition keeps you current on the late preterm infant, the fetal origins of adult disease, neonatal anemia, genetic disorders, and more. Get comprehensive guidance on treating patients through a dual focus on neonatology and perinatology. See nuances and details in over 800 illustrations that depict disorders in the clinical setting and explain complex information. Find the information you need easily with indexing in both volumes that provides quick access to specific guidance. Spot genetic problems early and advise parents of concerns thanks to completely new section on this topic. Tackle the health problems associated with preterm births through a new chapter on The Late Preterm Infant. Understand the fetal origins of adult disease through a new chapter that focuses on conditions that originate in the womb. Stay current on the developments and research surrounding neonatal anemia from the entirely new chapter on Blood and Hematopoietic System highlights. Obtain more global perspectives and best practices from an increased number of international contributions in this edition.

This book is based on the RCOG Study Group findings on reproductive ageing.

Too much information? Too little time? Here's everything you need to succeed in your maternal-newborn nursing course and prepare for course exams and the NCLEX®. Succinct content reviews in outline format focus on must-know information, while case studies and NCLEX-style questions develop your ability to apply your knowledge in simulated clinical situations. A 100-question final exam at the end of the book. You'll also find proven techniques and tips to help you study more effectively, learn how to approach different types of questions, and improve your critical-thinking skills.

Named a 2013 Doody's Core Title! "This is a wonderful book for both novice and experienced physician assistants and nurse practitioners. This latest edition will see frequent use in your daily practice." Score: 100, 5 stars--Doody's Medical Reviews "This textbook provides comprehensive coverage of primary care disorders in an easy-to-read format and contains invaluable step-by-step instructions for evaluating and managing primary care patients. . . [It] belongs in every NP and PA's reference library. I highly recommend this wonderful textbook." Maria T. Leik, MSN, FNP-BC, ANP-BC, GNP-BC President, National ARNP Services, Inc. "Family Practice Guidelines is an excellent resource for the busy clinician. It offers succinct, comprehensive information in an easy format that is particularly useful for quick reference. This text is useful for general practice settings as well as specialty care." Anne Moore, APN; WHNP/ANP-BC; FAANP Vanderbilt University The second edition of Family Practice Guidelines is a comprehensive resource for clinicians, presenting current national standard of care guidelines for practice, in addition to select 2011 guidelines. This clinical reference features detailed physical examination and diagnostic testing, information on health promotion, guidelines of care, dietary information, national resources for patient use, and patient education handouts all in one resource. This revised edition features guidelines for 246 disorders, each containing clearly outlined considerations for pediatric, pregnant, and geriatric patients. It also presents 18 procedures commonly performed in the clinical setting, including bedside cystometry, hernia reduction, neurological examination, and more. Patient Teaching Guides are also provided, and are designed to be given directly to patients as take home teaching supplements. Additionally, the book contains four appendices with guidelines on normal lab values, procedures, sexual maturity stages, and teeth. New to this Edition: Select 2011 guidelines Over 17 new protocols including: ADD/ADHD, Menopause, Migraine, Chronic Kidney Disease in Adults, Obesity/Gastric Bypass, and more Completely updated Patient Teaching Guides, including a new entry on Anticoagulation Therapy for Patients

with AFib, to tear out and send home with patients Addition of consultation and referral recommendations New chapter presenting Pain Management Guidelines for acute and chronic pain Completely updated national treatment guidelines

Around 100 common clinical problems feature in quick-read cases, alongside evidence-based recommendations and current guidelines.

The first book to encompass adult-gerontology practice guidelines for primary care, this is a comprehensive resource designed for health care practitioners taking the new Adult-Gero NP certification course and exam. This user-friendly reference provides current national practice guidelines for delivering high quality primary health care to adults and older patients in the outpatient setting, along with specific care guidelines for adult, pregnant, and older adult patients. The book delivers information on the physical exam, diagnostic testing, health promotion including dietary concerns, procedure guidelines, and national resources, and includes extensive patient teaching guides with printable education points.

This document is one of two evidence-based cornerstones of the World Health Organization's (WHO) new initiative to develop and implement evidence-based guidelines for family planning. The first cornerstone, the Medical eligibility criteria for contraceptive use (third edition) published in 2004, provides guidance for who can use contraceptive methods safely. This document, the Selected practice recommendations for contraceptive use (second edition), provides guidance for how to use contraceptive methods safely and effectively once they are deemed to be medically appropriate. The recommendations contained in this document are the product of a process that culminated in an expert Working Group meeting held at the World Health Organization, Geneva, 13-16 April 2004.

Highly readable, well illustrated, and easy to understand, Obstetrics: Normal and Problem Pregnancies remains your go-to choice for authoritative guidance on managing today's obstetric patient. Reflecting the expertise of internationally recognized authorities, this bestselling obstetrics reference has been thoroughly revised to bring you up to date on everything from ultrasound assessment of fetal anatomy and growth, to medical complications in pregnancy, to fetal therapy...and much more! 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. Benefit from the knowledge and experience of international experts in obstetrics. Gain a new perspective on a wide range of today's key issues - all evidence based and easy to read. Stay current with new coverage of fetal origins of adult disease, evidence-based medicine, quality assessment, nutrition, and global obstetric practices. Find the information you need quickly with bolded key statements, additional tables, flow diagrams, and bulleted lists for easy reference. Zero in on "Key Points" in every chapter - now made more useful than ever with the inclusion of related statistics. View new ultrasound nomograms in the Normal Values in Pregnancy appendix.

A quick, reliable reference guide for any physician or nurse practitioner treating female patients, this title provides instant access to clinically oriented, must-have information on more than 300 obstetric and gynecologic topics.

This issue guides the primary care physician through the prenatal care of their patient with topics that include: Preconception Care, Antepartum Care, Nutrition, Genetic Screening, First Trimester Complications, Management of Gestational Diabetes, Third Trimester Complications, Electronic Fetal Monitoring, Complications of Labor and Delivery, Operative Delivery, Postpartum Hemorrhage, and Alternative Approaches to Maternal Care.

Within the continuum of reproductive health care, antenatal care provides a platform for important health-care functions, including health promotion, screening and diagnosis, and disease prevention. It has been established that, by implementing timely and appropriate evidence-based practices, antenatal care can save lives. Endorsed by the United Nations Secretary-General, this is a comprehensive WHO guideline on routine antenatal care for pregnant women and adolescent girls. It aims to complement existing WHO guidelines on the management of specific pregnancy-related complications. The guidance captures the complex nature of the antenatal care issues surrounding healthcare practices and delivery, and prioritizes person-centered health and well-being --- not only the prevention of death and morbidity --- in accordance with a human rights-based approach.

Women suffer disproportionate rates of chronic disease and disability from some conditions, and often have high out-of-pocket health care costs. The passage of the Patient Protection and Affordable Care Act of 2010 (ACA) provides the United States with an opportunity to reduce existing health disparities by providing an unprecedented level of population health care coverage. The expansion of coverage to millions of uninsured Americans and the new standards for coverage of preventive services that are included in the ACA can potentially improve the health and well-being of individuals across the United States. Women in particular stand to benefit from these additional preventive health services. Clinical Preventive Services for Women reviews the preventive services that are important to women's health and well-being. It recommends that eight preventive health services for women be added to the services that health plans will cover at no cost. The recommendations are based on a review of existing guidelines and an assessment of the evidence on the effectiveness of different preventive services. The services include improved screening for cervical cancer, sexually transmitted infections, and gestational diabetes; a fuller range of contraceptive education, counseling, methods, and services; services for pregnant women; at least one well-woman preventive care visit annually; and screening and counseling for interpersonal and domestic violence, among others. Clinical Preventive Services for Women identifies critical gaps in preventive services for women as well as measures that will further ensure optimal health and well-being. It can serve as a comprehensive guide for federal government agencies, including the Department of Health and Human Services and the Center for Disease Control and Prevention; state and local government agencies; policy makers; health care professionals; caregivers, and researchers.

Whether you offer comprehensive pregnancy care in your primary care facility, or provide prenatal and postpartum care, this book delivers the guidance you need to optimize health for both mothers and their babies. It covers all aspects of birth care, from preconception counseling and prenatal care, through labor and delivery (both low-risk and complicated), to postpartum care and the first month of life. The completely revised third edition includes the most up-to-date, evidence-based standards of care. It offers information that is patient centered, prevention oriented, educational, and sensitive to the care of the whole woman and her family. Features a reader-friendly outline/narrative format for ease of use in daily clinical practice. Describes how to care for patients with a wide range of medical conditions during pregnancy as well as pregnancy-related conditions. Takes a whole-family approach to maternity care, with discussions of

maternal and paternal adjustment, marital adjustment, sibling adjustment, single-parent families, and return-to-work issues. Provides patient and family education materials on a full range of topics, from nutrition in pregnancy to breastfeeding. Features a section on alternative medicine in maternity care. Provides detailed instruction for a wide array of procedures, including cesarean delivery, perineal repair of simple and complex lacerations, circumcision, assisted deliveries, and amnioinfusion. A continued strong emphasis on evidence-based medicine includes an ongoing summary of Level A recommendations throughout the text. A new chapter summarizes practical applications of how to incorporate continuous quality improvement and enhanced medical safety into the maternity care setting. A new section details which immunizations can be used safely during pregnancy. A section on "Centering Pregnancy" discusses this new model of care and how it incorporates longitudinal group.

Blueprints Clinical Cases in Obstetrics and Gynecology, Second Edition offers third-and fourth-year medical students valuable preparation for clerkships and the USMLE Steps 2 and 3. The book features 60 clinical cases, 10 new to this edition and 50 revised and updated from the first edition. Each case consists of a clinical vignette followed by thought questions and discussion. and ends with a question-and-answer review and a listing of suggested additional reading. A question-and-answer section at the end of the book contains 100 USMLE-format multiple-choice questions and detailed answer explanations.

It offers the perfect balance of maternal and child nursing care with the right depth and breadth of coverage for students in today's maternity/pediatric courses. A unique emphasis on optimizing outcomes, evidence-based practice, and research supports the goal of caring for women, families and children, not only in traditional hospital settings, but also wherever they live, work, study, or play. Clear, concise, and easy to follow, the content is organized around four major themes, holistic care, critical thinking, validating practice, and tools for care that help students to learn and apply the material.

Since its introduction in 2012, cell-free (cf) DNA based Non-Invasive Prenatal Testing (NIPT) has been employed to test for fetal chromosome abnormalities, and gene mutations that lead to a variety of genetic conditions, by millions of pregnant women, in more than 90 countries worldwide. With Noninvasive Prenatal Testing (NIPT): Applied Genomics in Prenatal Screening and Diagnosis, Dr Lieve Page-Christiaens and Dr Hanns-Georg Klein have compiled the first authoritative volume on cfDNA NIPT methods and their clinical implementation. Provides a thorough, practical examination of the history of NIPT, NIPT laboratory techniques and bioinformatics, NIPT screening and diagnostics for a wide range of disorders and birth defects Presents leading, international experts who discuss the application of NIPT in early screening for common aneuploidies, fetal chromosome anomalies, autosomal trisomies, fetal blood group typing, and maternal constitutional and acquired copy number variants Includes full color imagery that enhances concept illustration, along with detailed descriptions of the benefits (and limitations) of NIPT Offers clinicians, researchers, genetic counselors and reproductive specialists of all kinds the required background information, methodologies and essential patient counseling techniques

Stay up to date with the rapidly changing field of medical sonography! Heavily illustrated and extensively updated to reflect the latest developments in the field, Textbook of Diagnostic Sonography, 7th Edition equips you with an in-depth understanding of general/abdominal and obstetric/gynecologic sonography, the two primary divisions of sonography, as well as vascular sonography and echocardiography. Each chapter includes patient history, normal anatomy (including cross-sectional anatomy), ultrasound techniques, pathology, and related laboratory findings, giving you comprehensive insight drawn from the most current, complete information available. Full-color presentation enhances your learning experience with vibrantly detailed images. Pathology tables give you quick access to clinical findings, laboratory findings, sonography findings, and differential considerations. Sonographic Findings highlight key clinical information. Key terms and chapter objectives help you study more efficiently. Review questions on a companion Evolve website reinforce your understanding of essential concepts. New chapters detail the latest clinically relevant content in the areas of: Essentials of Patient Care for the Sonographer Artifacts in Image Acquisition Understanding Other Imaging Modalities Ergonomics and Musculoskeletal Issues in Sonography 3D and 4D Evaluation of Fetal Anomalies More than 700 new images (350 in color) clarify complex anatomic concepts. Extensive content updates reflect important changes in urinary, liver, musculoskeletal, breast, cerebrovascular, gynecological, and obstetric sonography.

The #1 maternity book in the market is getting even better. Maternity and Women's Health Care, 11th Edition provides evidence-based coverage of everything you need to know about caring for women of childbearing age. Not only does this text emphasize childbearing concerns like newborn care, it also addresses wellness promotion and management of women's health problems. In describing the continuum of care, it integrates the importance of understanding family, culture, and community-based care. Boasting new medication alerts and updated content throughout, this edition covers the new maternal levels of care, and the revised AAP policy on breastfeeding and infant sleep. Expert authors of the market-leading maternity nursing textbook deliver the most accurate, up-to-date content. Clinical reasoning case studies provide you with opportunities to test and develop your analytical skills and to apply knowledge in various settings. Community Activity boxes focus on maternal and newborn activities that can be pursued in local community settings and illustrate nursing care in a variety of settings. Cultural Considerations stress the importance of considering the beliefs and health practices of patients from various cultures when providing care. Emergency boxes provide information about various emergency situations and offer a quick reference in critical situations. Family-Centered Care boxes highlight the needs and concerns of families that you should consider to provide family-centered care. Medication guides provide an important reference of drugs and their interactions. Nursing care plans include rationales for interventions and provide you with an overview of, and specific guidelines for, delivering effective nursing care. Safety alerts highlighted and integrated within the content draw attention to developing competencies related to safe nursing practice. Signs of potential complications highlight vital concerns, alerting you to signs and symptoms of complications and the immediate interventions to provide. Teaching for Self-Management boxes highlight important information that nurses need to communicate to patients and families for follow-up care.

The Management Of Labour Is An Important Part Of Obstetric Practice For The Obstetrician And Midwife Alike. Although Labour Events Are Typically Not Complicated, Many Women Develop Problems Resulting In Maternal, Fetal Or Neonatal Morbidity And Mortality. Hypoxia, Trauma And Infection Are Inherent Risks. This Multi-Author Volume Draws On The Work Of Specialists Who Are Internationally Recognised And Have Contributed Extensively To Studies In Intrapartum And Post-Partum Management Including Key Areas Such As Intrapartum Fetal Monitoring, Prolonged Pregnancies, Preterm Births And Neonatal Resuscitation.

The gold-standard guide from the AAP and ACOG -- newly updated and more valuable than ever! Significantly revised and updated, the new 8th edition of this bestselling manual provides the latest recommendations on quality care of pregnant women, their fetuses, and their newborn infants. Jointly developed by the American Academy of Pediatrics (AAP) and American College of Obstetricians and Gynecologists (ACOG), this unique resource addresses the full spectrum of perinatal medicine from both the obstetric and pediatric standpoints. New in the 8th edition: New section on suggested levels of maternal care from birth centers to Level IV institutions New sections on screening for preterm delivery risk added to chapter on antepartum care New topics covered include the timing of cord clamping, the need (or not) for bedrest, and updates in hypertension Guidance regarding postpartum contraception recommendations has been expanded New section on mosquito-borne illnesses (including Zika) New section on infections with high-risk infection control issues Updated recommendations on neonatal resuscitation, screening and management of hyperbilirubinemia, and neonatal drug withdrawal.

Diagnosis of PPH -- Management of atonic PPH -- Management of retained placenta -- Choice of fluid for replacement or resuscitation -- Health systems and organizational interventions -- PPH care pathways -- Research implications -- Plans for local adaptation of the recommendations -- Plans for supporting implementation of these recommendations -- GRADE tables.

Rev. ed. of: Nurse practitioner/physician collaborative practice / edited by Geraldine M. Collins-Bride and JoAnne M. Saxe. San Francisco, Calif.: School of Nursing, University of California, UCSF Nursing Press, c1998.

Immunization during pregnancy with currently recommended vaccines prevents infection in the mother, the unborn fetus, and the young infant, and there is an increasing focus from different stakeholders to use this approach for other infections of importance to protect these vulnerable groups. The aim of this Maternal Immunization book is to provide a contemporary overview of vaccines used in pregnancy (and the lactation period), with emphasis on aspects of importance for the target groups, namely, rationale for the use of vaccines in pregnancy, safety, immunogenicity (immunology), timing to vaccinate, repeat doses, protective effects in the mother, fetus, and infant, and public acceptance and implementation, of existing and of future vaccines. Provides an overview of a quickly evolving topic. This will benefit the reader who wishes to rapidly become informed and up-to-date with new developments in this field Suitable to a broad audience: scientific researchers, obstetricians, gynecologists, neonatologists, vaccinators, pediatricians, students, and industry. Maternal vaccination impacts a wide range of specialists Allows health care professionals/researchers to gain insight into other aspects of vaccination in pregnancy outside of their specialism Is coauthored by specialists from multiple disciplines, providing a diverse view of the subject, increasing its interest and appeal Creates awareness of the current developments in this area of medicine and of the potential of maternal vaccination to improve the health of mothers and infants worldwide

For more than 100 years, Henry's Clinical Diagnosis and Management by Laboratory Methods has been recognized as the premier text in clinical laboratory medicine, widely used by both clinical pathologists and laboratory technicians. Leading experts in each testing discipline clearly explain procedures and how they are used both to formulate clinical diagnoses and to plan patient medical care and long-term management. Employing a multidisciplinary approach, it provides cutting-edge coverage of automation, informatics, molecular diagnostics, proteomics, laboratory management, and quality control, emphasizing new testing methodologies throughout. Remains the most comprehensive and authoritative text on every aspect of the clinical laboratory and the scientific foundation and clinical application of today's complete range of laboratory tests. Updates include current hot topics and advances in clinical laboratory practices, including new and extended applications to diagnosis and management. New content covers next generation mass spectroscopy (MS), coagulation testing, next generation sequencing (NGS), transfusion medicine, genetics and cell-free DNA, therapeutic antibodies targeted to tumors, and new regulations such as ICD-10 coding for billing and reimbursement. Emphasizes the clinical interpretation of laboratory data to assist the clinician in patient management. Organizes chapters by organ system for quick access, and highlights information with full-color illustrations, tables, and diagrams. Provides guidance on error detection, correction, and prevention, as well as cost-effective test selection. Includes a chapter on Toxicology and Therapeutic Drug Monitoring that discusses the necessity of testing for therapeutic drugs that are more frequently being abused by users.

The new edition aims to provide the latest evidence based clinical practical how it do it approach. Besides the basic antenatal care of a normal gravida, the management of high risk pregnant women by virtue of their age, obstetric history, associated medical or obstetric disorders has been addressed comprehensively. The chapters on prenatal diagnosis and ultrasound have been elaborated and updated conforming to the needs of the modern day obstetrician. Endeavour has been made to preserve the flavour of the earlier edition, including many of the experiences and anecdotes described by Professor Ian Donald.

A comprehensive resource for practicing perinatal nurses. Provides commonly-accepted guidelines for practice as well as evidence-based care. Extremely useful as a clinical resource as well as staff educator's guide and textbook. Co-publishing with AWHONN provides additional credibility to this book.

Master the effective evaluation of placental-fetal growth restriction (PFGR), whilst reducing the risk of perinatal mortality and morbidity in patients worldwide.

This book is a practical guide to obstetrics and gynaecology cases clinicians might encounter on an everyday basis. Divided into 34 chapters, the text begins with discussion on history taking and examination. The next sections cover the diagnosis and management of different obstetrical disorders including fever in pregnancy, gestational diabetes and anaemia, heart and liver diseases, preterm labour, and recurrent pregnancy loss. The following chapters present a variety of gynaecological disorders such as abnormal uterine bleeding, ovarian cancer, fibroids, infertility, and much more. Each chapter begins with a case history and investigation methods and concludes with questions and answers. Topics are further enhanced by clinical photographs, illustrations, medication tables, flowcharts, and comprehensive references. Key points Practical guide to obstetrics and gynaecology cases seen in daily practice Covers diagnosis and management of many different disorders Each topic includes a case history, and questions and answers to assist learning Highly illustrated with clinical photographs, diagrams, medication tables and flowcharts

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