

Chapter 13 Normal Labor And Delivery

Supporting a Physiologic Approach to Pregnancy and Birth: A Practical Guide provides an overview of current evidence and a range of practical suggestions to promote physiologic birth within the United States healthcare system. Presenting the latest evidence available on practical approaches and minimal interventions, this book looks into clinic exam rooms and hospital labor units to investigate the possibilities for improving the pregnancy and labor experience. Contributors discuss recent research and other published information and present a range of ideas, tools, and solutions for maternity care clinicians, including midwives, nurses, physicians, and other members of the perinatal team. An invaluable resource, Supporting a Physiologic Approach to Pregnancy and Birth is a must-have practical guide for those involved in all aspects of pregnancy and birth. 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.

With over 120 expert contributors drawn from centres of excellence around the world, this comprehensive textbook provides physicians with detailed practical guidance for the management of postpartum hemorrhage.

For all courses in maternal and child nursing care in any nursing program. This dynamic, up-to-date text offers an integrated framework and philosophy for teaching the nursing of childbearing families and nursing of children together. Accurate, readable, and concise, Maternal & Child Nursing Cares supports faster and more efficient learning in briefer, more compressed courses; while helping students develop essential skills for fast-changing healthcare environments. Core themes in this edition include family-centered and community-based care; health promotion (including Healthy People 2020); patient and family education; clinical

reasoning; evidence-based practice, and developing cultural competence. This edition adds new Safety Alerts; more coverage of pain as the fifth vital sign; greater focus on care of families where a child is dying; and updated content on assessment, nutrition, communication, and many other key topics. Multiple pedagogical tools help students focus both learning and review, including intuitive Pathophysiology Illustrated visuals; Family Quotes presenting the family's perspective; Learning Outcomes and Critical Concept Review Features; Key Terms, and an online audio glossary.

Long recognized as the authoritative leader in the field, Creasy and Resnik's *Maternal-Fetal Medicine, 8th Edition*, continues to provide the latest evidence-based guidelines for obstetric and neonatal management, helping you minimize complications and offer patients the best possible care. Written by renowned experts in obstetrics, gynecology, and perinatology, this comprehensive resource has been thoroughly updated and reflects new information in every area, including recent tremendous advances in genetics, imaging, and more. Focuses on complicated obstetric issues, highlighting the most commonly encountered anomalies and providing clear guidelines for obstetric and neonatal management. Offers comprehensive updates on rapidly changing topics, including a completely revised section on genetics and genetic technology for prenatal diagnoses, as well as an expanded imaging section on abdominal, urogenital, and skeletal imaging. Includes four new chapters: Molecular Genetic Technology, MRI in Obstetrical Imaging, Obesity in Pregnancy, and Pregnancy as a Window to Future Health. Features numerous flow charts for quick access to diagnosis and treatment protocols and to clarify complex material. Presents the knowledge and expertise of new editors Dr. Joshua Copel, an expert in the field of fetal therapy who has pioneered new diagnostic techniques for unborn patients and their mothers, and Dr. Robert Silver, a leader in the maternal-fetal medicine community.

The second edition of the comprehensive and award-winning text on prenatal and postnatal care *The updated edition of Prenatal and Postnatal Care* offers a comprehensive text for the care of the woman during the childbearing year. The expert author team presents information needed to master foundational knowledge in anatomy, physiology, psychology, culture, and structure of preconception, prenatal and postnatal care, and the management of common health problems in the childbearing year. This edition has been revised throughout and contains 6 new chapters on the following topics: prenatal ultrasound, triage of the pregnant woman, assisting women to development confidence for physiologic birth, pregnancy after infertility, oral health, and issues around diversity and inclusion in prenatal and postnatal care. Additional highlights include new and updated content on pregnant women in the workplace, prenatal genetic testing, trauma-informed care, and transgender pregnancy care. The second edition also includes commonly used complementary therapies and offers more detailed information on shared

decision-making and planning for birth. Prenatal and Postnatal Care: Provides expanded faculty resources with case studies and test questions for each chapter Offers a comprehensive text that covers essential aspects of prenatal and postnatal care of the childbearing woman Builds on the edition that won the Book of the Year award from the American College of Nurse Midwives (ACNM) in 2015. This revised, authoritative text is an ideal resource for midwifery, nurse practitioner and physician assistant students, and healthcare providers working with pregnant and postpartum women.

Improvements in the detection of fetal and neonatal brain injuries, advances in our understanding of the pathophysiology, cellular and molecular bases of encephalopathy, and new treatment options have all combined to produce significant changes in the management of neonatal brain disorders in the past few years. This new edition of Fetal and Neonatal Brain Injury brings the reader fully up to date with all advances in clinical management and outcome assessment. Updated material includes inflammation focusing in particular on chorioamnionitis and fetal brain injury; genetic brain injury; and expanded sections on cholestasis, diabetes, and thyroid disease. An updated, highly illustrated chapter on structural and functional imaging of the fetal and neonatal brain is also included. An outstanding international team of highly experienced neonatologists and maternal-fetal medicine clinicians have produced a practical, authoritative clinical text that gives clear management advice to all clinicians involved in the treatment of these patients.

Canadian Maternity and Pediatric Nursing prepares your students for safe and effective maternity and pediatric nursing practice. The content provides the student with essential information to care for women and their families, to assist them to make the right choices safely, intelligently, and with confidence.

The most powerful force in the world economy today is the redefinition of the relationship between state and marketplace - a process that goes by the name of privatization though this term is inadequate to express its far-reaching changes. We are moving from an era in which governments sought to seize and control the 'commanding heights' of the economy to an era in which the idea of free markets is capturing the commanding heights of world economic thinking. Basic views of how society ought to be organized are undergoing rapid change, trillions of dollars are changing hands and so is fundamental political power. Great new wealth is being created - as are huge opportunities and huge risks. Taking a worldwide perspective, including Britain, where the process began with Mrs Thatcher, Europe and the former USSR, China, Latin America and the US, THE COMMANDING HEIGHTS shows how a revolution in ideas is transforming the world economy - why it is happening, how it can go wrong and what it will mean for the global economy going into the twenty-first century.

A better way to learn maternal and newborn nursing! This unique presentation provides tightly focused maternal-newborn coverage in a highly structured text Emergency bedside ultrasound assessment is well established for adult patients,

but has only recently been introduced into everyday clinical practice for the care of pediatric patients. Pediatric Emergency Critical Care and Ultrasound is a concise, practical text which explains the principles of ultrasound, its diagnostic application in all organ systems and its use as a procedural adjunct. Both well-established and innovative applications are described, assisting the practitioner in incorporating ultrasound into daily practice, facilitating patient care and decreasing radiation exposure. Case studies and abundant illustrations enable the reader to study the appropriate techniques in detail and learn from real examples from the pediatric emergency department and intensive care unit. Pediatric Emergency Critical Care and Ultrasound is the first comprehensive bedside ultrasonography resource focusing on pediatric patients and is essential reading not only for pediatric emergency medicine subspecialists but for all emergency physicians, intensivists/critical care physicians and pediatricians. Praise for the previous edition: "...An outstanding handbook. It will be a familiar volume on most midwifery bookshelves, providing an excellent guide to midwifery focused care of both woman and child in the birthing setting." - Nursing Times Online Providing a practical and comprehensive guide to midwifery care, The Midwife's Labour and Birth Handbook continues to promote best practice and a safe, satisfying birthing experience with a focus on women-centred care. Covering all aspects of care during labour and birth, from obstetric emergencies to the practicalities of perineal repair (including left-hand suturing), the fourth edition has been fully revised and updated to include: Full colour photographs of kneeling extended breech and footling breech births New water birth and breech water birth photographs Female genital mutilation Sepsis Group B streptococcus Care of the woman with diabetes /Neonatal hypoglycaemia Mental health Seeding/microbirthing It also addresses important issues such as: Why are the numbers of UK women giving birth in stirrups RISING rather than falling? Why are so few preterm babies given bedside resuscitation with the cord intact? Would the creation of midwife breech practitioners/specialists enable more women to choose vaginal breech birth and is breech water birth safe? What is the legal position for women who choose to free birth – and their birth partners? Why are midwives challenging the OASI care bundle? Incorporating research, evidence and anecdotal observations, The Midwife's Labour and Birth Handbook remains an essential resource for both student midwives and experienced practising midwives.

Proactive Support of Labor enhances professional labor and delivery skills by providing the expertise for preventing prolonged labor which is the root-cause of women's dissatisfaction with the experience of childbirth. Step-by-step, evidence-based guidance on good practice during labor is given, including fetal and maternal monitoring, pain relief, and the prevention and timely correction of everyday labor disorders. It leaves no aspect of childbirth practice untouched. Included are guidance on adequate pre-labor education, psychological support, and well-defined birth-planning - including strict diagnoses and timely corrective

measures in abnormal labor, and constant audit of all procedures. The birth-plan promotes team spirit between obstetricians, midwives and nurses, good communication, and sound organization. Proactive Support of Labor strikes a new balance between natural birth and intervention and invariably enhances women's satisfaction with the childbirth experience. The book will be essential reading for obstetricians, midwives, labor room nurses, and maternal-fetal medicine specialists and trainees. For more information, reviews and forums visit the publication's website at www.proactivesupportoflabor.com.

The world's premier obstetrics guide—now updated with a greater focus on maternal-fetal medicine The obstetrics text that has defined the discipline for generations of obstetrician-gynecologists is now more timely—and essential—than ever. Written by authors from the nationally known University of Texas Southwestern Medical Center, Williams Obstetrics maintains its trademark comprehensive coverage and applicability at the bedside, while offering the most current perspective of the field. This landmark text begins with fundamental discussions of reproductive anatomy and physiology. These dovetail into clinical chapters covering obstetrical complications such as preterm labor, pregnancy-related infection, hemorrhage, and hypertension, among others. Representing the culmination of a century of clinical thought, the new Twenty-Fifth Edition is enhanced by more than 1,000 full-color illustrations plus an increased emphasis on the fast-growing subspecialty of maternal-fetal medicine. Features

- Entire section on the diagnosis and treatment of fetal disorders, providing deeper insights into fetal complications in utero
- Traditional focus on the varied medical and surgical disorders that can complicate pregnancy
- 1,000 eye-catching illustrations, including updated graphs, sonograms, MRIs, photographs, and photomicrographs
- Solid evidence-based approach highlights the scientific underpinnings of clinical obstetrics, with special emphasis on physiological principles
- Current professional and academic guidelines are incorporated into the text and appear in easy-to-read tables
- Updated with 3,000 new literature citations through 2017

No other text can match the long-established scientific rigor and accessibility of Williams Obstetrics. With its state-of-the-art design and review of the newest advances and protocols, this not-be-missed clinical companion brings positive outcomes within reach.

This follow-up and review book to Dr. Robert Taylor's highly successful FAMILY MEDICINE: PRINCIPALS AND PRACTICE, will become an indispensable study guide for family practice residents preparing for certification exams, practitioners preparing for recertification and medical students during their family practice clerkship. Complete with over 1,200 questions drawn directly from and keyed to family medicine, this question and answer book will provide an extensive review of all the issues confronted by family practitioners in clinical practice.

The second edition of this quick reference handbook for obstetricians and gynecologists and primary care physicians is designed to complement the parent textbook Clinical Obstetrics: The Fetus & Mother The third edition of Clinical

Obstetrics: The Fetus & Mother is unique in that it gives in-depth attention to the two patients – fetus and mother, with special coverage of each patient. Clinical Obstetrics thoroughly reviews the biology, pathology, and clinical management of disorders affecting both the fetus and the mother. Clinical Obstetrics: The Fetus & Mother - Handbook provides the practising physician with succinct, clinically focused information in an easily retrievable format that facilitates diagnosis, evaluation, and treatment. When you need fast answers to specific questions, you can turn with confidence to this streamlined, updated reference.

Chesley's Hypertensive Disorders in Pregnancy continues its tradition as one of the beacons to guide the field of preeclampsia research, recognized for its uniqueness and utility. Hypertensive disorders remain one the major causes of maternal and fetal morbidity and death. It is also a leading cause of preterm birth now known to be a risk factor in remote cardiovascular disease. Despite this the hypertensive disorders remain marginally studied and management is often controversial. The fourth edition of Chesley's Hypertensive Disorders in Pregnancy focuses on prediction, prevention, and management for clinicians, and is an essential reference text for clinical and basic investigators alike.

Differing from other texts devoted to preeclampsia, it covers the whole gamut of high blood pressure, and not just preeclampsia. Features new chapters focusing on recent discoveries in areas such as fetal programming, genomics/proteomics, and angiogenesis Includes extensive updates to chapters on epidemiology, etiological considerations, pathophysiology, prediction, prevention, and management Discusses the emerging roles of metabolic syndrome and obesity and the increasing incidence of preeclampsia Each section overseen by one of the editors; each chapter co-authored by one of the editors, ensuring coherence throughout book

After 30 years, Obstetrics: Normal and Problem Pregnancies remains your go-to choice for authoritative guidance on managing today's obstetric patient.

International experts put the latest knowledge in this specialty at your fingertips, with current and relevant information on everything from fetal origins of adult disease, to improving global maternal health, to important topics in day-to-day obstetrical practice. Highly readable, well-illustrated, and easy to understand, this bestselling obstetrics reference is an ideal tool for residents and clinicians. Take advantage of the collective wisdom of global experts in the field, including two new editors— Drs. Vincenzo Berghella and William Grobman -- and nearly 30 new contributors. Gain a new perspective on a wide range of today's key issues - all evidence-based and easy to read. Sweeping updates throughout including four new chapters: 'Vaginal Birth after Cesarean Delivery'; 'Placenta Accreta'; 'Obesity'; and 'Improving Global Maternal Health: Challenges and Opportunities' New Glossary of the most frequently used key abbreviations for easy reference Expanded use of bolded statements and key points as well as additional tables, flow diagrams, and bulleted lists facilitates and enhances the mastery of each chapter More than 100 images in the Obstetrical Ultrasound

chapter provide an important resource for normal and abnormal fetal anatomy Labor and Delivery Care: A Practical Guide supports and reinforces the acquisition of the practical obstetric skills needed for aiding a successful birth. Beginning with the most important element of successful labor care, communicating with the patient, the authors guide you through normal delivery routines and examination techniques. They then address the best approaches to the full range of challenges that can arise during labor and delivery. Throughout, the 15 chapters provide concise practical guidance with: algorithmic decision trees clinical management tips detailed drawings Labor and Delivery Care: A Practical Guide provides a thorough tour-de-force of the practical obstetric skills needed for best and safest practice based on clinical experience and evidence. 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. Packed with the most up-to-date recommendations, this invaluable preparatory handbook is a trusted resource for all levels of providers that care for laboring patients. Gain confidence in managing patients from when they present to triage all the way through labor, delivery and the postpartum period. Gives providers critical clinical algorithms for routine and emergency situations and procedures. Includes: detailed description of common obstetric procedures and examinations, evidence-based practice recommendations for labor management and pain control options, sample notes, orders, and operative dictations for cesarean section, multiple illustrations and treatment algorithms that clarify and explain details students and residents are most likely to encounter during obstetric rotations. Written by an experienced Maternal Fetal Medicine physician, this book fills practical knowledge gaps left by conventional textbooks. It provides comprehensive insights for labor management, including emergencies, and improves provider confidence resulting in better care of obstetric patients. Canadian Maternity and Pediatric Nursing Lippincott Williams & Wilkins This book focuses on the emotional complexity of language teaching and how the diverse emotions that teachers experience while teaching are shaped and function. The book is based on the premise that teaching is not just about the transmission of academic knowledge but also about inspiring students, building rapport with them, creating relationships based on empathy and trust, being

patient and most importantly controlling one's own emotions and being able to influence students' emotions in a positive way. The book covers a range of emotion-related topics on both positive and negative emotions which are relevant to language teaching including emotional labour, burnout, emotion regulation, resilience, emotional intelligence and wellbeing among others. These topics are studied within a wide range of contexts such as teacher education programmes, tertiary education, CLIL and action research settings, and primary and secondary schools across different countries. The book will appeal to any student, researcher, teacher or policymaker who is interested in research on the psychological aspects of foreign language teaching.

Cardiac Problems in Pregnancy offers clinicians the most detailed and comprehensive guide to diagnosing and managing pregnancy-associated cardiovascular diseases currently available. Covering a wide spectrum of congenital and acquired cardiovascular conditions, its extensive contents examine diseases of the heart with an expert awareness of the implications of pregnancy and the attendant physiological changes it brings. Such guidance is vitally required in an age in which congenital and acquired heart diseases are the leading causes of non-obstetrical maternal morbidity and mortality. Featuring 36 new or extensively revised chapters, this fourth edition of the book complements coverage of the latest research and clinical advances with a complete and up-to-date bibliography of literature on pregnancy in women with cardiovascular conditions. It also serves as a practical, step-by-step companion for those caring for heart disease patients during pregnancy, labor, and the post-partum period. Contents include: Coverage of all elements of maternal cardiology Newly written chapters featuring fresh research and data Guidance on performing risk assessments and interventions both prior to and during gestation Explanations of a range of diagnostic and therapeutic approaches to cardiovascular disease in pregnant patients Drawing on expertise from across the fields of cardiovascular medicine, obstetrics, anesthesiology, cardiac surgery, pharmacology, and clinical science, Cardiac Problems in Pregnancy is designed to give invaluable support to all medical professionals involved in maximizing the safety and success of cardiologically complex pregnancies.

A Practical Guide to Third Trimester of Pregnancy & Puerperium is a comprehensive resource for the management of the final stage of pregnancy and its complications. Complications covered include pre-term labour, pre-labour rupture of membranes, post-term pregnancy, placental adhesive disorders, and umbilical cord abnormalities. Enhanced by over 120 images and tables, providing quick reference information for obstetricians and gynaecologists.

"This book is a major contribution to the global struggle for control of women's bodies and their giving birth and should be read by all obstetricians, midwives, obstetric nurses, pregnant women and anyone else with interest in maternity care. It documents the worldwide success of programs for pregnancy and birth which honor the women and put them in control of their own reproductive

lives."—Marsden Wagner, MD, author of *Born In The USA: How a Broken Maternity System Must Be Fixed to Put Women and Children First* Addresses the challenges of managing critically ill obstetric patients, with chapters authored by intensivists/anesthesiologists and obstetricians/maternal-fetal medicine specialists.

Handbook of Clinical Neurology: Volume 95 is the first of over 90 volumes of the handbook to be entirely devoted to the history of neurology. The book is a collection of historical materials from different neurology professionals. The book is divided into 6 sections and composed of 55 chapters organized around different aspects of the history of neurology. The first section presents the beginnings of neurology: ancient trepanation, its birth in Mesopotamia, ancient Egypt; the emergence of neurology in the biblical text and the Talmud; neurology in the Greco-Roman world and the period following Galen; neurological conditions in the European Middle Ages; and the development of neurology in the 17th and 18th centuries. The second section narrates the birth of localization theory; the beginning of neurology and histological applications, neuroanatomy, neurophysiology, surgical neurology and other anatomo-clinical methods. The third section covers further development of the discipline, including methods of neurological illustration and hospitals in neurology and neurosurgery. This section also narrates the history of child neurology, neurodisability and neuroendocrinology. It also features the application of molecular biology on clinical neurology. The fourth section describes the dysfunctions of the nervous system and their history. The fifth and last section covers the regional landmarks of neurology and the different treatments and recovery. The text is informative and useful for neuroscience or neurology professional, researchers, clinical practitioners, mental health experts, psychiatrists, and academic students and scholars in neurology. * A comprehensive accounting of historical developments and modern day advancements in the field of neurology * State-of-the-art information on topics including brain damage and dysfunctions of the nervous system * New treatments and recovery methods from redundancy to vicariation and neural transplantation, amongst others

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.

This book is a guide to labour and delivery management for trainees in obstetrics and gynaecology, and midwives. Divided into three sections, the text begins with detailed discussion on labour, from preparation before labour and delivery, through the different stages of labour, to postpartum care. The next section covers caesarean delivery, and the third, 'special labour' which explains labour complications, twins, prelabour rupture of membranes, and more. The book is authored by recognised experts from the USA and Italy, and is based on evidence from randomised controlled trials (RCTs). Clinical photographs, diagrams and tables further enhance learning. Key points Guide to labour and delivery management for trainees in obstetrics and gynaecology, and midwives Text based on evidence from randomised controlled trials (RCTs) Recognised author team from USA and Italy Includes clinical photographs, diagrams and tables

Developmental programming is a rapidly advancing discipline of great importance to basic scientists and health professionals alike. This text integrates, for the first time, contributions from world experts to explore the role of the placenta in developmental programming. The book considers the materno-fetal supply line, and how perturbations of placental development impact on its functional capacity. Chapters examine ways in which environmental, immunological and vascular insults regulate expression of conventional and imprinted genes, along with their impact on placental shape and size, transport, metabolism and endocrine function. Research in animal models is integrated with human clinical and epidemiological data, and questions for future research are identified. Transcripts of discussions between the authors allow readers to engage with controversial issues. Essential reading for researchers in placental biology and developmental programming, as well as specialists and trainees in the wider field of reproductive medicine.

This second edition provides the core knowledge required to skillfully carry out all daily clinical responsibilities. Current, updated coverage examines human reproduction, genetics, high-risk pregnancies, labor and delivery risk, and much more.

Enhances professional labor and delivery skills by providing the expertise and step-by-step guidance for preventing prolonged labor.

The process of labor and delivery has been one of the most perilous activities in human life. The awkward evolutionary compromises giving rise to humans makes birthing potentially life threatening for both mother and child. Despite the development of modern care, labor and delivery continues to be a dangerous process even though the levels of fatality have decreased over the past several decades. This clinically focused guide to modern labor and delivery care covers low and high-risk situations, the approach of the team in achieving a successful outcome and what to consider when quick decisions have to be made. Aimed at both trainee and practicing obstetrician-gynecologists, this new edition includes practical guidance such as algorithms, protocols, and quick-reference summaries. It is squarely focused on the process of birth and concentrates on modern clinical concerns, blending science with clinical applications.

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