

Pathways To Pregnancy And Parturition

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BANKS MELENDEZ

Handbook of Nutrition and Pregnancy Wiley-Blackwell

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The Role of Environmental Hazards in Premature Birth Cambridge University Press

As women of childbearing age have become heavier, the trade-off between maternal and child health created by variation in gestational weight gain has become more difficult to reconcile. Weight Gain During Pregnancy responds to the need for a reexamination of the 1990 Institute of Medicine guidelines for weight gain during pregnancy. It builds on the conceptual framework that underscored the 1990 weight gain guidelines and addresses the need to update them through a comprehensive review of the literature and independent analyses of existing databases. The book explores relationships between weight gain during pregnancy and a variety of factors (e.g., the mother's weight and height before pregnancy) and places this in the context of the health of the infant and the mother, presenting specific, updated target ranges for weight gain during pregnancy and guidelines for proper measurement. New features of this book include a specific range of recommended gain for obese women. Weight Gain During Pregnancy is intended to assist practitioners who care for women of childbearing age, policy makers, educators, researchers, and the pregnant women themselves to understand the role of gestational weight gain and to provide them with the tools needed to promote optimal pregnancy outcomes.

Hormones John Wiley & Sons

This comprehensive reference work, updated from the first edition, brings together the knowledge and expertise of contributors from around the world. It includes new topics such as prostaglandin synthetase enzyme, new synthetic eicosanoids, innovative analytical methods, the influence of cytokines in the regulation of synthesis and actions, newer eicosanoids that influence the cardiovascular system, and newly discovered roles in reproduction and interactions with nitric oxide. This book satisfies a surge of interest in prostaglandins—NSAIDS (e.g. aspirin) are the biggest selling drugs of all time, and the field has been refreshed by the advent of new types (selective COX-2 inhibitors, anti-leukotiene drugs).

Current Therapy in Large Animal Theriogenology - E-Book Humana Press

Bovine Reproduction is a comprehensive, current reference providing information on all aspects of reproduction in the bull and cow. Offering fundamental knowledge on evaluating and restoring fertility in the bovine patient, the book also places information in the context of herd health where appropriate for a truly global view of bovine theriogenology. Printed in full color throughout, the book includes 83 chapters and more than 550 images, making it the most exhaustive reference available on this topic. Each section covers anatomy and physiology, breeding management, and reproductive surgery, as well as obstetrics and pregnancy wastage in the cow. Bovine Reproduction is a welcome resource for bovine practitioners, theriogenologists, and animal scientists, as well as veterinary students and residents with an interest in the cow.

The Guide to Investigation of Mouse Pregnancy Gulf Professional Publishing

Now in its Fifth Edition, *Functional Anatomy and Physiology of Domestic Animals* provides a basic understanding of domestic animal anatomy and physiology, taking an interconnected approach to structure and function of the horse, dog, cat, cow, sheep, goat, pig, and chicken. Offers a readable introduction to basic knowledge in domestic animal anatomy and physiology Covers equine, canine, feline, bovine, ovine, ruminant, swine, and poultry anatomy and physiology Considers structure and function in relation to each other for a full understanding of the relationship between the two Provides pedagogical tools to promote learning, including chapter outlines, study questions, self-evaluation exercises, clinical correlates, key terms, suggested readings, and a robust art program Includes access to a companion website with video clips, review questions, and the figures from the book in PowerPoint

Knobil and Neill's Physiology of Reproduction Elsevier Health Sciences

This easy to use text provides practitioners and researchers with a global view of current and emerging issues concerned with successful pregnancy outcomes and approaches that have been successful or show promise in ensuring a successful pregnancy. The fully updated and revised second edition expands its scope with topics not covered in the first edition including pregnancy and military service; sleep disorders during pregnancy; the gut microbiome during pregnancy and the newborn; requirement for vitamin D in pregnancy; the environment—contaminants and pregnancy; preeclampsia and new approaches to treatment; health disparities for whites, blacks, and teen pregnancies; depression in pregnancy—role of yoga; safe food handling for successful pregnancy outcome; relationship of epigenetics and diet in pregnancy; caffeine during pregnancy; polycystic ovary syndrome; US Hispanics and preterm births; celiac disease and pregnancy; cannabis use during pregnancy. The second edition of *Handbook of Nutrition and Pregnancy* will be a valuable resource for clinicians and other healthcare professionals who treat and counsel women of child-bearing age and pregnant women.

Maternal-Fetal Nutrition During Pregnancy and Lactation Cambridge University Press

Anatomy & Physiology for Midwives 3rd edition builds on the success of the first two editions with electronic ancillaries, more accessible, woman-centred language and strengthened links with good practice. The book provides a thorough review of anatomy and physiology applicable to midwifery, from first principles through to current research, utilizing case studies for reflection. A comprehensive and well-illustrated textbook that is an essential purchase for all students of midwifery. • Learning outcomes and key points facilitate study • Extensively illustrated with line diagrams for maximum clarity • Case studies and boxes illustrate application of principles to clinical

practice • One continuous case study illustrates various aspects of anatomy and physiology at different stages of pregnancy • 'Application to Practice' content • electronic access to text and illustrations • animation depicting foetal development in the womb • 'Good Practice Point' boxes provide more links to midwifery practice • illustrations reflect modern midwifery presentation, not just side-lying • accessible, woman-centred language

Lactogenesis National Academies Press

An essential resource for both students and practitioners, this comprehensive text provides practical, up-to-date information about normal reproduction and reproductive disorders in horses, cattle, small ruminants, swine, llamas, and other livestock. Featuring contributions from experts in the field, each section is devoted to a different large animal species and begins with a review of the clinically relevant aspects of the reproductive anatomy and physiology of both males and females. Key topics include the evaluation of breeding soundness, pregnancy diagnosis, diagnosis and treatment of infertility, abortion, obstetrics, surgery of the reproductive tract, care of neonates, and the latest reproductive technology. Includes coverage of all large animal species. All sections provide a review of clinically pertinent reproductive physiology and anatomy of males and females of each species. Complete coverage of the most current reproductive technology, including embryo transfer, estrous synchronization, and artificial insemination. A new section on alternative farming that addresses reproduction in bison, elk, and deer. New to the equine section: stallion management, infertility, and breeding soundness evaluation. New to the bovine section: estrous cycle synchronization, reproductive biotechnology, ultrasonographic determination of fetal gender, heifer development, and diagnosis of abortion. New to the porcine section: artificial insemination, boar/stud management, diseases of postpartum period, and infectious disease control. New to the llama section: infectious disease and nutrition.

Studyguide for Pathways to Pregnancy and Parturition by Senger, P L Kendall/Hunt Publishing Company

The Baby Book celebrates the joy of being pregnant and being a parent. The book presents interesting facts alongside practical advice on all aspects of being a modern parent - from pregnancy and birth through to baby and childcare for the first three years, plus a specific chapter on having baby number two.

Oxytocin, Vasopressin and Related Peptides in the Regulation of Behavior Academic Press

"Physical Science 13e is a straightforward, easy-to-read but substantial introduction to the fundamental behavior of matter and energy. It is intended to serve the needs of nonscience majors who are required to complete one or more physical science courses"--

Equine Infectious Diseases E-Book National Academies Press

Ideal for both practitioners and students, this comprehensive resource covers the diagnosis, treatment, and prevention of infectious disease in horses. Organized by infectious agent — virus, bacterial and rickettsial, protozoal, and fungal — it includes complete coverage of the individual diseases caused by each type of agent. A section on clinical problems examines conditions such as ocular infections, CNS infections, and skin infections. It also addresses the importance of preventing and controlling infectious disease outbreaks with coverage of epidemiology, biosecurity, antimicrobial therapy, and recognizing foreign equine diseases. Full-color photos and illustrations provide clear, accurate representations of the clinical appearance of infectious diseases. Features the most recent information on the global threat of newly emergent diseases such as African Horse Sickness. Includes a comprehensive section on the prevention and control of infectious diseases. More than 60 expert contributors share their knowledge and expertise in equine infectious disease. A companion CD-ROM, packaged with the book, includes complete references linked to PubMed.

Endocrine and Reproductive Physiology E-Book John Wiley & Sons

Each year in the United States approximately 440,000 babies are born premature. These infants are at greater risk of death, and are more likely to suffer lifelong medical complications than full-term infants. Clinicians and researchers have made vast improvements in treating preterm birth; however, little success has been attained in understanding and preventing preterm birth. Understanding the complexity of interactions underlying preterm birth will be needed if further gains in outcomes are expected. The Institute of Medicine's Roundtable on Environmental Health Sciences, Research, and Medicine sponsored a workshop to understand the biological mechanism of normal labor and delivery, and how environmental influences, as broadly defined, can interact with the processes of normal pregnancy to result in preterm birth. This report is a summary of the main themes presented by the speakers and participants.

Animal Feeding and Nutrition Kendall Hunt

This fifth edition arms readers with the latest information on nutrient metabolism and the formulation of diets from an array of available feedstuffs. The authors discuss animals' role in ecological balance, environmental stability and sustainable agriculture and food production. A new chapter on the regulation of nutrient partitioning offers a lively and timely discussion of emerging technologies in modifying and increasing efficiency of nutrient metabolism and animal food composition. A new chapter on toxic minerals in the food chain addresses the role of agricultural production animal nutrition in protecting the environment from toxic levels of minerals and nitrogen in the food chain.

Pregnancy John Wiley & Sons

Hormones provides a comprehensive treatment of human hormones viewed in the light of modern theories of hormone action and in the context of current understanding of subcellular and cellular architecture and classical organ physiology. The book begins with discussions of the first principles of hormone action and the seven classes of steroid hormones and their chemistry, biosynthesis, and metabolism. These are followed by separate chapters that address either a classical endocrine system, e.g., hypothalamic hormones, posterior pituitary hormones, anterior pituitary hormones, thyroid hormones, pancreatic hormones, gastrointestinal hormones, calcium regulating hormones, adrenal corticoids, hormones of the adrenal medulla, androgens, estrogens and progestins, and pregnancy and lactation hormones; or newer domains of hormone action which are essential to a comprehensive understanding of hormone action, including prostaglandins, thymus hormones, and pineal hormones. The book concludes with a presentation of hormones of the future, i.e., cell growth factors. This book is intended for use by first-year medical students, graduate students, and advanced undergraduates in the biological sciences. It is also hoped that this book will fill the void that exists for resource materials for teaching cellular and molecular endocrinology and that it will be employed as an equal partner with most standard biochemistry textbooks to provide a comprehensive and balanced coverage of this realm of biology.

Weight Gain During Pregnancy Wentworth Press

With the aim to improve clinicians' understanding of the important effects nutrition can have on maternal health and fetal and neonatal development, *Maternal-Fetal Nutrition During Pregnancy and Lactation* defines the nutritional requirements with regard to the stage of development and growth, placing scientific developments into clinical context.

Maternal Hemodynamics Academic Press

Never HIGHLIGHT a Book Again Includes all testable terms, concepts, persons, places, and events. Cram101 Just the FACTS101 studyguides gives all of the outlines, highlights, and quizzes for your textbook with optional online comprehensive practice tests. Only Cram101 is Textbook Specific. Accompanies: 9780872893795. This item is printed on demand.

Female Reproductive Dysfunction University of Pennsylvania Press

presented in the Introduction (Chapter 1). The focus of Chapter 1 is twofold: (1) to present the research foundations for the psychophysiological correlates of prenatal psychosocial adaptation and the seven prenatal personality dimensions with progress in labor and birth outcomes, and particularly (2) to present the theory underlying the seven dimensions of prenatal psychosocial adaptation, which are further analyzed in the following seven chapters. Chapters 2-8 present a content analysis of the interview responses to the seven significant prenatal personality dimensions that are predictive of pregnancy adaptation, progress in labor, birth outcomes, and postpartum maternal psychosocial adaptation, and they include: (1) Acceptance of Pregnancy, (2) Identification with a Motherhood Role, (3) Relationship with Mother, (4) Relationship with Husband, (5) Preparation for Labor, (6) (Prenatal) Fear of Pain, Helplessness, and Loss of Control in Labor, and (7) (Prenatal) Fear of Loss of Self-Esteem in Labor. There is no other comparable comprehensive, in-depth, prenatal personality research or empirical and content analysis of pregnancy-specific dimensions of maternal psychosocial adaptation to pregnancy.

The Baby Book Springer Science & Business Media

The increasing prevalence of preterm birth in the United States is a complex public health problem that requires multifaceted solutions. Preterm birth is a cluster of problems with a set of overlapping

factors of influence. Its causes may include individual-level behavioral and psychosocial factors, sociodemographic and neighborhood characteristics, environmental exposure, medical conditions, infertility treatments, and biological factors. Many of these factors co-occur, particularly in those who are socioeconomically disadvantaged or who are members of racial and ethnic minority groups. While advances in perinatal and neonatal care have improved survival for preterm infants, those infants who do survive have a greater risk than infants born at term for developmental disabilities, health problems, and poor growth. The birth of a preterm infant can also bring considerable emotional and economic costs to families and have implications for public-sector services, such as health insurance, educational, and other social support systems. Preterm Birth assesses the problem with respect to both its causes and outcomes. This book addresses the need for research involving clinical, basic, behavioral, and social science disciplines. By defining and addressing the health and economic consequences of premature birth, this book will be of particular interest to health care professionals, public health officials, policy makers, professional associations and clinical, basic, behavioral, and social science researchers.

Reproduction in Farm Animals Springer Nature

Respiratory diseases affect a large proportion of the population and can cause complications when associated with pregnancy. Pregnancy induces profound anatomical and functional physiological changes in the mother, and subjects the mother to pregnancy-specific respiratory conditions. Reviewing respiratory conditions both specific and non-specific to pregnancy, the book also addresses related issues such as smoking and mechanical ventilation. Basic concepts for the obstetrician are covered, including patient history, physiology and initial examinations. Topics such as physiological changes during pregnancy and placental gas exchange are discussed for the non-obstetrician. Guidance is practical, covering antenatal and post-partum care, as well as management in the delivery suite. An essential guide to respiratory diseases in pregnancy, this book is indispensable to both obstetricians and non-obstetric physicians managing pregnant patients.

Laws Relating to Sex, Pregnancy, and Infancy Academic Press

Proceedings of a symposium, satellite to the 24th International Congress of Physiological Sciences, University of Pennsylvania.