

Doppler En Medicina Fetal Doppler In Fetal Medicine Tecnica Y Aplicacion Clinica Technical And Clinical Application

Ultrasonic Imaging and Animal Reproduction: Horses Evidence-based Obstetrics Transvaginal Colour Doppler Neonatología Práctica Fetal Growth Restriction Medicina Fetal Obstetricia y medicina materno-fetal Pocket Atlas of Emergency Ultrasound Clinical Imaging Obstetric Imaging: Fetal Diagnosis and Care E-Book Annali della Facoltà di medicina veterinaria di Pisa Creasy and Resnik's Maternal-Fetal Medicine: Principles and Practice E-Book Dermatologic Ultrasound with Clinical and Histologic Correlations Cabaniss, M.L., Monitorización fetal electrónica: Interpretación ©1995 Management of High-Risk Pregnancy Excerpta medica. Section 10: Obstetrics and gynecology Ecografía En Obstetricia Y Ginecologia Essentials of Abdomino-Pelvic Sonography Manual of Equine Reproduction - E-Book Fetal Cardiac Function Manual of Neurosonology Vascular Diseases for the Non-Specialist WHO Recommendations on Intrapartum Care for a Positive Childbirth Experience Pocket Book of Hospital Care for Children Who's Who in Spain Diagnosis of Fetal Abnormalities Fetal Therapy Ultrasonography and Reproduction in Swine Fetal Electrocardiography The First Twelve Weeks of Gestation Maternal Hemodynamics An Atlas of Neonatal Brain Sonography Revista médica del Instituto Mexicano del Seguro Social Atlas of Ultrasonography in Urology, Andrology, and Nephrology Clinical Doppler Ultrasound Donald School Textbook of Transvaginal Sonography Libro de la Imagen Doppler Color Ecografía en diagnóstico prenatal Doppler en medicina fetal Practical Atlas of Ruminant and Camelid Reproductive Ultrasonography

Ultrasonic Imaging and Animal Reproduction: Horses

This important book summarises a century of research and practical applications in fetal electrocardiography. Although fetal ECG is most commonly used for the calculation of fetal heart rates, other parameters have been employed in the prediction of fetal acidosis. The book presents new approaches to the interpretation and analysis of the fetal ECG signal and discusses possible new approaches to the clinical exploitation of the electrical activity of the fetal heart. The authors have made numerous contributions to the study of fetal electrocardiography over the last three decades. Contents: Historical Development Fetal Adaptation Research Models and Prediction The Electrical Signal, Its Acquisition and Measurement The R-R' Interval and the Cardiotocograph Time Intervals and Morphology of the Fetal ECG Information Interpretation and Transformation Readership: Researchers in obstetrics and gynaecology. Keywords: Cardiopulmonary; Fetal Electrocardiography; ECG; Electrical Activity; Research Models; R-R' Interval; Cardiotocograph; Fetal ECG

Evidence-based Obstetrics

This book is a must-have for all health professionals involved in the care of women with high risk pregnancies. It is a concise and practical resource for all perinatal care and a reference for the diagnosis and management of high risk pregnancy.

The fifth edition of this classic, focuses on factors affecting pregnancy, genetics, practical diagnostic techniques, maternal diseases in pregnancy and pregnancy complications, labor, anesthesia, and neonatal considerations. Dr Queenan is joined in the fifth edition by a new editor, Catherine Spong. The book will take an explicitly evidence-based approach this time around and will expand upon several important areas; genetics, doppler ultrasound, prevention, AIDS, group B streptococcus, preeclampsia, and prematurity.

Transvaginal Colour Doppler

Based on the famous Donald School courses, this genuinely comprehensive textbook provides a detailed introduction to transvaginal sonography [TVS], the important diagnostic technique widely used in obstetric and gynaecology clinics worldwide. Including an introductory section on the basics of TVS, the text also discusses clinical applications in obstetrics, gynaecology and infertility, as well as the modern techniques of Doppler Sonography, three-dimensional and four-dimensional TVS. The most up-to-date in its field, this book will be welcomed by a wide range of clinicians and sonographers working in women's health.

Neonatología Práctica

Ultrasound is the main diagnostic tool in the prenatal detection of congenital abnormalities. The Fetal Medicine Foundation has recognized the importance of this tool by setting up a program of training and certification to help establish high standards of scanning on an international scale. Diagnosis of Fetal Abnormalities: The 18-23-Week Scan provides the basis of learning for the theoretical component of this program. The book is a complete, authoritative clinician's textbook on using ultrasound in the prenatal detection of congenital abnormalities. It summarizes the prevalence, etiology, prenatal sonographic features and prognosis for both common and rare fetal abnormalities.

Fetal Growth Restriction

Medicina Fetal

Neurosonology is non-invasive, portable, and has excellent temporal resolution, making it a valuable and increasingly popular tool for the diagnosis and monitoring of neurological conditions when compared to other imaging techniques. This guide looks beyond the use of neurovascular ultrasound in stroke to encompass a wide range of other neurological diseases and emergencies. It offers a practical approach to the examination of patients, interpretation of ultrasound studies, and the application of neurosonology to the development of management and treatment strategies. Each chapter incorporates a thorough and clear procedural methodology alongside scanning tips for trainees; this step-by-step approach is further enhanced by example images and focused diagnostic questions. Authored and edited by international experts, this practical manual of neurosonology is an invaluable resource for neurologists, neurosurgeons, intensivists, radiologists and ultrasonographers.

Obstetricia y medicina materno-fetal

Diagnostic techniques such as amniocentesis and ultrasound have expanded the armamentarium of prenatal diagnosis. As diagnostic techniques increase in accuracy, the demand for something other than selective termination of pregnancy will also increase. The ultimate goal of this line of research has always been fetal therapy, not just the ability to make the diagnosis. Fetal Therapy provides in-depth coverage of diagnostic techniques and therapies for fetal abnormalities. Photographs and line drawings illustrate the techniques discussed and concise tables make the data easy to find. It is the first book to cover emerging techniques for diagnosing fetal abnormalities with an essentially no-risk, noninvasive test of maternal blood at 7-8 weeks' gestation. In addition to up-to-date information on the latest technology in this field, the book also examines ethical issues from a historic perspective and ethical considerations in offering and recommending fetal therapy for the fetal patient. Bringing together new ideas and possibilities for new procedures Fetal Therapy explores the issues involved in expanding the applicability and availability of prenatal diagnosis and the options for treatment.

Pocket Atlas of Emergency Ultrasound

Esta monografía pretende ser un libro de utilización habitual por parte del especialista de nivel medio o avanzado, tanto para iniciarse en la utilización correcta del Doppler como para disponer de un texto de consulta rápida cuando ya se dispone de experiencia. La mitad del libro describe la técnica correcta para la exploración de la gran mayoría de vasos en medicina materno-fetal. La segunda mitad se dedica a las aplicaciones clínicas, con un énfasis marcado en la información útil para la práctica clínica. El libro es pequeño para facilitar su manejo, utiliza un texto conciso y directo, y sigue un estilo homogéneo con texto en la página izquierda, e imágenes y cuadros esquemáticos en la derecha, con el fin de conseguir el mayor potencial didáctico y el objetivo fundamental de ser útil para la práctica clínica.

Clinical Imaging

Practical Atlas of Ruminant and Camelid Reproductive Ultrasonography is a practical, fully referenced, image-based guide to the essential concepts of reproductive ultrasound in domesticated ruminants and camelids. Providing information to enable practitioners to incorporate ultrasound service into their practices, the book also includes more specialized information for advanced techniques such as fetal sexing, embryo transfer, color Doppler, and others. Practical Atlas of Ruminant and Camelid Reproductive Ultrasonography is a must-have reference for ruminant and camelid practitioners, instructors, and students.

Obstetric Imaging: Fetal Diagnosis and Care E-Book

Richly illustrated and comprehensive in scope, Obstetric Imaging, 2nd Edition, provides up-to-date, authoritative guidelines for more than 200 obstetric conditions and procedures, keeping you at the forefront of this fast-changing field. This highly regarded reference covers the extensive and ongoing advances in maternal and

fetal imaging in a concise, newly streamlined format for quicker access to common and uncommon findings. Detailed, expert guidance, accompanied by superb, high-quality images, helps you make the most of new technologies and advances in obstetric imaging. Features more than 1,350 high-quality images, including 400 in color. Helps you select the best imaging approaches and effectively interpret your findings with a highly templated, bulleted, at-a-glance organization. Reflects all the latest developments in the field, including genetics, open fetal surgery, fetal echocardiography, Zika virus, and 3D imaging, so you can provide the safest and most responsive care to both mother and fetus. Includes new chapters on Limbs and Bones Overview; Open Fetal Surgery; Biophysical Profile; Ultrasound Physics; Elastography; Doppler; MRI; Echogenic Bowel; Pregnancy of Unknown Location (PUL), Failed Pregnancy and Ectopic Pregnancy, Cesarean Scar Pregnancy; Cytomegalovirus (CMG), Rubella, Toxoplasmosis, Herpes, Varicella; and Congenital Syphilis; plus a new chapter on Zika Virus written by imaging experts from the "hot zone." Keeps you up to date with the latest developments in multimodality imaging and optimizing diagnostic accuracy from ultrasound, 3D ultrasound, Doppler, MRI, elastography, image-guided interventions, and much more.

Annali della Facoltà di medicina veterinaria di Pisa

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.

Creasy and Resnik's Maternal-Fetal Medicine: Principles and Practice E-Book

Una obra valiosa, científicamente sólida y atractiva para los ecografistas en formación y para los ya experimentados quienes, a través de su lectura, podrán explorar las nuevas aplicaciones clínicas de la ecografía en una aventura excitante y enriquecedora. Esta obra es el fruto del trabajo en colaboración de expertos de reconocimiento mundial y los directores de las treinta y dos sedes de la Escuela Ian Donald, fundada en 1981 y dedicada a la educación internacional y la

investigacion sobre todos los aspectos de la ecografia diagnostica.

Dermatologic Ultrasound with Clinical and Histologic Correlations

Cabaniss, M.L., Monitorización fetal electrónica: Interpretación ©1995

This book aims to provide non-specialist healthcare practitioners with current, focused and objective information on the most common vascular diseases encountered in daily clinical practice. In day-to-day clinical practice many healthcare practitioners do not have a working knowledge of the most common vascular diseases that frequently arise in patient care. Some of these topics include: aneurysms, peripheral arterial disease, diabetic foot, venous thromboembolism, cerebrovascular disease, aortic dissection, and acute limb ischemia. These commonly encountered vascular diseases are becoming public health issues due to their high morbidity and mortality as well as increasing healthcare costs. Since patients with vascular diseases are often referred to non-specialists, the general practitioner must know how to properly handle the most common vascular diseases encountered in daily clinical practice. For each disease the concept, epidemiology, natural history, diagnosis and treatment are described, followed by essential advice on what the non-specialist can do for the patient and when to refer the patient to a specialist.

Management of High-Risk Pregnancy

Excerpta medica. Section 10: Obstetrics and gynecology

Ecografia En Obstetricia Y Ginecologia

Dr. Eisenberg's best seller is now in its Fifth Edition—with brand-new material on PET and PET/CT imaging and expanded coverage of MRI and CT. Featuring over 3,700 illustrations, this atlas guides readers through the interpretation of abnormalities on radiographs. The emphasis on pattern recognition reflects radiologists' day-to-day needs and is invaluable for board preparation. Organized by anatomic area, the book outlines and illustrates typical radiologic findings for every disease in every organ system. Tables on the left-hand pages outline conditions and characteristic imaging findings and offer comments to guide diagnosis. Images on the right-hand pages illustrate the major findings noted in the tables. A new companion Website allows readers to assess and further sharpen their diagnostic skills.

Essentials of Abdomino-Pelvic Sonography

La ecografía Doppler Color se ha convertido en una herramienta esencial e integral del Departamento de Radiología con el fin de realizar un diagnóstico correcto y

preciso en casi todos los sistemas del cuerpo humano, en particular en la evaluación de la vasculatura cerebral, abdominal y periférica. La adición de la ilustración y el texto correspondiente han dado una nueva dimensión a este libro. Estoy seguro de que el esfuerzo sincero vertido por los participantes será más apreciado y analizado críticamente. El libro sin duda será útil para radiólogos, obstetras y ginecólogos, médicos y residentes.

Manual of Equine Reproduction - E-Book

Significant technological advances have produced equipment that allows imaging of the skin with variable frequency ultrasound in previously unseen detail and provides a range of dynamic data that is currently unmatched by any other technology. Dermatologic Ultrasound with Clinical and Histologic Correlations is a comprehensive introduction to ultrasonography of the skin, nails, and scalp as it relates to the assessment and diagnosis of dermatologic diseases. It provides radiologists, sonographers, dermatologists, and physicians with interest in skin imaging with a concise understanding of the diagnosis of dermatologic conditions through extensive high-resolution gray scale and color Doppler ultrasound images and presents classical correlations of clinical dermatologic lesions with sonographic and histologic findings. Featuring more than 1700 images, this text-atlas provides an excellent starting point in learning about this topic. Featuring contributions from world-renowned authorities in the field of superficial ultrasound imaging, the book reviews the technical considerations relating to color Doppler ultrasound of the skin; surveys the dermatologic entities that can be visualized with ultrasound imaging, such as cutaneous tumors, inflammatory diseases, hemangiomas and vascular malformations, melanoma, nail tumors, scalp diseases and cosmetic conditions; shows common simulators of cutaneous diseases; and discusses protocols for assessing common dermatologic conditions. Inclusion of clinical overviews, tips, and pitfalls enables a better understanding of the pathologies of the disorders and the methodological approach in assessing these entities.

Fetal Cardiac Function

This pocket book contains up-to-date clinical guidelines, based on available published evidence by subject experts, for both inpatient and outpatient care in small hospitals where basic laboratory facilities and essential drugs and inexpensive medicines are available. It is for use by doctors, senior nurses and other senior health workers who are responsible for the care of young children at the first referral level in developing countries. In some settings, these guidelines can be used in the larger health centres where a small number of sick children can be admitted for inpatient care.

Manual of Neurosonology

Vascular Diseases for the Non-Specialist

Discover new concepts in cardiovascular and hemodynamic functionality in fetomaternal medicine, from leading experts in the field.

WHO Recommendations on Intrapartum Care for a Positive Childbirth Experience

Improve your ability to perform and interpret emergency ultrasound exams with this unique pocket atlas Featuring more than 400 ultrasound images, dozens of illustrations, and concise, bulleted text, Pocket Atlas of Emergency Ultrasound allows you to instantly compare and contrast your real-time images with those identified here. You will also find valuable how-to guidance covering essentials such as probe placement, patient positioning, and proper settings along with anatomical drawings that help you visualize affected organs. You'll also find: Clinical Considerations Clinical Indications Anatomic Considerations Technique and Normal Findings Tips to Improve Image Acquisition Common and Emergent Abnormalities Pitfalls

Pocket Book of Hospital Care for Children

Obra de consulta y referencia dirigida por dos reconocidos profesionales de influencia internacional que reúne a los más prestigiosos especialistas. Constituye un nuevo volumen de la Colección de Medicina Materno-Fetal (coedición con el Instituto Universitario Dexeus) que viene a completar la obra de los mismos autores "Ecografía en Medicina Materno-Fetal", publicada en 2002. Frente a otras obras de la especialidad, los autores ofrecen, de forma extensa, unitaria y a la vez detallada, los conocimientos más novedosos sobre el estudio del diagnóstico ecográfico prenatal de todas las malformaciones fetales. El texto no se limita a describir la detección y/o el diagnóstico de los diversos defectos congénitos, sino que encaja estos conocimientos con el estudio de su etiopatogenia y con la posibilidad de su tratamiento prenatal, sin excluir los aspectos éticos y legales. Obra profusamente ilustrada con más de 370 imágenes. Entre las últimas y revolucionarias novedades tecnológicas en el campo de la ultrasonografía presentadas, cabe destacar las espectaculares imágenes ecográficas 3D y 4D, el Power Doppler y el Doppler Espectral. Libro de carácter teórico-práctico dirigido a ginecólogos y obstetras, radiólogos y profesionales del diagnóstico por la imagen. Obra de consulta y referencia dirigida por dos reconocidos profesionales de influencia internacional y que ofrece de forma extensa, unitaria y a la vez detallada, los conocimientos más novedosos sobre el estudio del diagnóstico ecográfico prenatal de todas las malformaciones fetales. Libro de carácter teórico-práctico, dirigido a ginecólogos y obstetras, radiólogos y profesionales del diagnóstico por la imagen, que no se limita a describir la detección y/o el diagnóstico de los diversos defectos congénitos, sino que encaja estos conocimientos con el estudio de su etiopatogenia y con la posibilidad de su tratamiento prenatal, sin excluir los aspectos éticos y legales. Cabe destacar las espectaculares imágenes ecográficas 3D y 4D, el Power Doppler y el Doppler Espectral.

Who's Who in Spain

Since the pioneering work of Donald and his first Lancet paper in 1958, the use of ultrasound in obstetrics and gynaecology has evolved rapidly. The introduction of grey scale techniques enhanced our ability to identify different tissues on the basis

of their texture. However, it was the introduction of the linear array real-time scanner in the mid seven ties that changed ultrasound from being an "eccentric art form" to a readily available and usable technique. This led to the first reports of the diagnosis of neural tube defects using ultrasound by Campbell, as well as the establishment of fetal biometry. In the midst of this activity the parallel development of the transvaginal probe by Kratochwill went almost unnoticed by most gynaecologists. Yet the application of this technique has since had a major impact on many areas of gynaecological practice, and on infertility in particular. Since the demonstration of transvaginal follicle aspiration, the vaginal route has become standard for most invasive ultrasound guided gynaecological procedures. The relatively new technical advance of transvaginal colour Doppler may potentially have just as great an impact. The introduction and use of transvaginal colour flow imaging has facilitated the study of vascular changes within the pelvis.

Diagnosis of Fetal Abnormalities

Containing thousands of individual biographical profiles along with analyses of careers and currently held posts, this two-volume set contains valuable information for entrepreneurs and managers, international trade executives, financial groups, governments, embassies, and academic institutions throughout the world. This edition includes 3,600 biographical listings and is updated to include the new members elected to the Spanish and European parliaments as well as overviews of political, intellectual, social, and scientific culture in Spain. In addition, 2,100 institutional profiles highlight the objectives, technologies, international reach, and corporate philosophy of each institution listed. Numerous cross-references between individual and corporate profiles provide even more information about Spain's business world.

Fetal Therapy

Ultrasonography and Reproduction in Swine

Provides a guide to techniques and their major applications and role in patient management. The major applications of Doppler ultrasound, including examination techniques and the interpretation of results, are discussed in an accessible, reader-friendly manner. Color and halftone illustrations. Chapters are color-coded.

Fetal Electrocardiography

Un libro moderno y actualizado que brindar a sus lectores los conocimientos indispensables para el cuidado integral del recién nacido. Se han agregado temas como diagnóstico y tratamiento prenatal, nuevos conceptos sobre reanimación en la sala de partos, pesquisa neonatal, hemostasia y trombosis, reflujo gastroesofágico, trastornos hemodinámicos en prematuros de muy bajo peso, arritmias cardíacas, homeostasis del sodio y agua en el prematuro, síndrome de inmunodeficiencia adquirida, entre otros temas.

The First Twelve Weeks of Gestation

This up-to-date, comprehensive and consolidated guideline on essential intrapartum care brings together new and existing WHO recommendations that, when delivered as a package, will ensure good-quality and evidence-based care irrespective of the setting or level of health care. The recommendations presented in this guideline are neither country nor region specific and acknowledge the variations that exist globally as to the level of available health services within and between countries. The guideline highlights the importance of woman-centered care to optimize the experience of labor and childbirth for women and their babies through a holistic, human rights-based approach. It introduces a global model of intrapartum care, which takes into account the complexity and diverse nature of prevailing models of care and contemporary practice. The recommendations in this guideline are intended to inform the development of relevant national- and local-level health policies and clinical protocols. Therefore, the target audience includes national and local public health policy-makers, implementers and managers of maternal and child health programs, health care facility managers, nongovernmental organizations (NGOs), professional societies involved in the planning and management of maternal and child health services, health care professionals (including nurses, midwives, general medical practitioners and obstetricians) and academic staff involved in training health care professionals.

Maternal Hemodynamics

This book provides the latest recommendations for ultrasound examination of the entire urogenital system, particularly in the male. The coverage encompasses the role of ultrasound in imaging of disorders of the kidneys, urinary tract, prostate, seminal vesicles, bladder, testes, and penis, including male infertility disorders. In addition, detailed consideration is given to intraoperative and interventional ultrasound and recently developed ultrasound techniques. Each chapter defines the purpose of and indications for ultrasound, identifies its benefits and limitations, specifies the technological standards for devices, outlines performance of the investigation, establishes the expected accuracy for differential diagnosis, and indicates the reporting method. Most of the recommendations are based on review of the literature, on previous recommendations, and on the opinions of the experts of the Imaging Working Group of the Italian Society of Urology (SIU) and the Italian Society of Ultrasound in Urology, Andrology, and Nephrology (SIEUN). The book will be of value for all physicians involved in the first-line evaluation of diseases of the renal/urinary system and male genital disorders.

An Atlas of Neonatal Brain Sonography

Revista médica del Instituto Mexicano del Seguro Social

This Atlas covers the entire spectrum of brain disease as studied with ultrasound, illustrated throughout with superb-quality images. It is aimed at neonatologists and radiologists confronted with everyday clinical questions on the neonatal ward. Most newborn brain disorders can be identified with ultrasound; this book will therefore be particularly useful in settings with limited MRI facilities. Prenatal ultrasound specialists will also find it valuable as a postnatal reference in their field of interest.

Suggestions for differential diagnosis accompany all the sonographic findings, guiding the clinician in proceeding from an abnormal image to a diagnosis. This second edition of the Atlas has been brought up to date to include the many advances in technique and interpretation that have been made in the past decade. The images have been replaced with new ones of higher quality, and all the line artwork has been standardised and improved. From reviews of the first edition: "This is the most challenging and comprehensive book on this theme, and is an essential reference for clinicians to make a correct diagnosis." —Satoshi Takada, Brain and Development "This can be little doubt that this title represents the definitive work on neonatal cranial ultrasound. The authors have had extensive experience in the use of ultrasound scanning the neonatal brain for almost as long as ultrasound has been used to investigate intracranial pathology on the neonatal unit. Their combined experience is most impressive." —Malcolm Leven, Archives of Disease in Childhood

Atlas of Ultrasonography in Urology, Andrology, and Nephrology

Clinical Doppler Ultrasound

This companion to James et al's popular HIGH RISK PREGNANCY, 2ND EDITION, summarizes the evidence for a broad range of obstetric clinical problems. Its convenient handbook summary style and cross references to HIGH RISK PREGNANCY make it perfect for on-the-spot consultations and for further study. Uses a convenient tabular format for quick reference. Features "Summary of Management Options" boxes (170 in all) on left-hand pages while providing a synopsis of the quality of evidence that supports each management plan on the facing right-hand pages. Gives each management option a score based on the Evaluation System of the US Preventative series Task Force. Provides key references along with summaries of the nature of the data. Includes cross references to James et al: High Risk Pregnancy, 2nd Edition.

Donald School Textbook of Transvaginal Sonography

Fetal growth restriction (FGR) is a condition that affects 5%–10% of all pregnancies and is the second most common cause of perinatal mortality. Fetuses with FGR present with a greater risk of long-term health defects as impaired neurological and cognitive development and cardiovascular or endocrine diseases in adulthood. Due to its high prevalence and serious long term consequences, an in-depth understating of the diagnosis and management of FGR is essential for all those professionals involved in prenatal care, since it can prevent unwanted outcomes both to the mother and to the newborn. On the last years, the knowledge about fetal growth restriction has evolved considerably, with an increasing number of articles being published on this topic and new concepts being described, including new diagnostic guidelines. Even so, there are no recent books fully dedicated to FGR; this theme has only generally been discussed in chapters in larger obstetrics and neonatology books. This current book intends to present and discuss the state of the art on FGR in a clear and didactical way. It will focus on the main topics

related to FGR, including its etiology, classification, prediction, diagnosis, and management, as well as on its neurological complications and maternal cardiovascular involvement. Written by experienced and renowned gynecologists from Brazil, Italy and the US, this book will be a comprehensive guide, directed to all gynecologists, radiologists and general practitioners who are involved in prenatal care, as well as to interns, residents, professors and researchers in the field.

Libro de la Imagen Doppler Color

Fetal echocardiography was initially used to detect structural anomalies, but has more recently also been proposed to assess fetal cardiac function. Functional echocardiography has been demonstrated to select high-risk populations and has been seen to have an effect on the outcome of several fetal conditions. Because of the small size and high heart rate and the restricted access away from the transducer, cardiovascular parameters should be validated but used with caution in the fetus. This special issue on fetal cardiac function is a collection of review and original articles showing several potential clinical and research applications of functional echocardiography in intrauterine growth restriction, twin-to-twin transfusion syndrome, congenital heart disease and aneuploides. The insights provided show that fetal cardiac function assessment is a promising tool that may soon be incorporated into clinical practice to diagnose, monitor or predict outcome in some fetal conditions. Therefore, this special issue on 'fetal cardiac function' provides valuable reading for clinicians and researchers in fetal medicine and cardiology who are interested in the fetal heart.

Ecografía en diagnóstico prenatal

Leading workers in the field of human reproduction provide both basic knowledge and useful practical information in this book about the most critical phase in the development of a new human being: the first twelve weeks of life. The period from fertilization and implantation to the end of the first trimester is still insufficiently understood and marks a new frontier. The knowledge necessary for applying our present diagnostic capabilities and for venturing into the problematic areas of fertilization technology and embryonic treatment is made easily available in this comprehensive textbook. The book is divided into two parts. The first presents basic information about physiology, anatomy, in vivo investigations, biochemistry and legal aspects. The second part focuses on pregnancy development, monitoring and the clinical diagnosis and management of disorders in the early stages of life. A full section is devoted to assisted conception and the newest possibilities in fertilization technologies, whereby the ethical aspects are also discussed.

Doppler en medicina fetal

Now in full color, Manual of Equine Reproduction, 3rd Edition provides a comprehensive look at the reproductive management of horses, including management of stallions, pregnant mares, and neonatal foals. Expert authors use a concise, practical approach in discussing improved therapies and treatments in equine breeding. You'll enhance your skills and knowledge with this book's detailed

coverage of techniques used in reproductive examination, breeding procedures, pregnancy diagnosis, foaling, and reproductive tract surgery. A clinical emphasis includes a step-by-step format of possible scenarios from conception to breeding management. Practical information includes topics such as breeding with transported cooled or frozen semen, and caring for the broodmare and newborn foal. The organization of material corresponds to the course of study in veterinary school, so you can find topics easily. Chapter objectives and study questions at the beginning of each chapter guide you through the material and provide clear learning goals. Evaluation of Breeding Records chapter covers the importance of breeding records, and how to use them to evaluate stallion performance and optimize fertility. References are listed at the end of each chapter for further research and study. Full-color photographs and illustrations clearly depict procedures, and all drawings have been redrawn and improved. NEW Assisted Reproductive Technology chapter goes beyond embryo transfer. Updated content includes the latest advances in therapies and treatments. New content is added to two chapters, Reproductive Physiology of the Nonpregnant Mare and Manipulation of Estrus in the Mare. Thorough coverage of every aspect of equine reproduction provides a strong foundation for success in veterinary practice, including a discussion of the use of GnRH-analog deslorelin (Ovuplant) to hasten ovulation; aseptic technique for endometrial biopsy; use of transabdominal ultrasonography, especially in early pregnancy; determination of fetal gender by transrectal ultrasonography; aspiration testicular biopsy using a spring-loaded biopsy instrument; and procedure for surgical embryo transfer.

Practical Atlas of Ruminant and Camelid Reproductive Ultrasonography

Sonography has emerged as a substantial diagnostic tool today. This handbook aims to cover ultrasound physics, abdominal and obstetric sonography, color Doppler, high resolution sonography and USG guided interventions with multiple choice questions and case reports for practical orientation.

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