VAUGHAN EMERSON

Fetal Growth Elsevier Health Sciences

Updated to reflect the recent advances in this fast-changing field, this highly illustrated text examines the latest imaging modalities for prenatal diagnosis of fetal abnormalities. A team of leading authorities provides practical, step-by-step guidance on everything from detection and interpretation...to successful management approaches. Algorithms and management strategies throughout not only describe the features of abnormalities, but also show you how to arrive at a correct diagnosis through the use of color Doppler, 3-D ultrasound, and fetal MR. This 2nd Edition offers the essential practice-proven guidance you need to arrive at confident diagnoses in critical situations. It's a resource you'll turn to time and again! Includes more than 760 illustrations that clearly depict a full range of conditions. Focuses on image interpretation and, wherever possible, correlation of radiographic features with pathologic findings to provide the most accurate and reliable diagnosis possible. Uses a reader-friendly format to facilitate quick access to specific information. Includes new chapters reflecting major advances in magnetic resonance imaging and 3-D ultrasound. Presents an increased use of lists of differential diagnosis.

Diagnostic Pathology: Placenta Lippincott Williams & Wilkins

This is a comprehensive overview of the main issues surrounding the fast growing and complex field of fetal assessment. It is written to provide both midwives and midwifery students with information regarding the growing availability and accuracy of fetal diagnosis, enabling them to assist and support women who increasingly have to make difficult and sometimes painful decisions about the well-being of their unborn baby. Topics covered include fetal growth including complicating factors and the use of ultrasound; assessing fetal well-being through fetal activity, growth and heart rate monitoring; fetal screening and genetic counselling; diagnosis of fetal abnormality including AFP, ultrasound, fetal blood sampling and amniocentesis; and fetal infections, risk groups and diagnostic procedures.

Point-of-Care Assessment in Pregnancy and Women's Health Springer Nature

This textbook provides an up-to-date summary of the scientific basis, assessment for and provision of anaesthesia throughout pregnancy and labour. It is divided into nine sections including physiology, assessment, complications and systemic disease. Prenatal Assessment of Multiple Pregnancy CRC Press

Pathophysiology of Gestation, Volume II: Fetal-Placental Disorders covers important areas of reproduction such as maternal-fetal interrelationship, biochemistry and physiology of the fetoplacental unit, and use of amniotic fluid constituents as diagnostic tools for fetal well-being.
This book is divided into five chapters. Chapter 1 deals with the disorders of placental transfer, clearly illustrating the physical and biochemical processes involved in placental exchanges between mother and fetus. This chapter is devoted to disorders of placental endocrine functions. The various methods used for studying placental hormone production and the errors in analysis and interpretation of the results are also elaborated. The pathophysiology of amniotic fluid disorders is discussed in Chapter 2, while the onset of labor and the events of delivery from the gamete stage through fertilization and organ formation are described in Chapter 4. The last chapter concerns the teratologic impact of the environmental factors on fetal growth and development. This volume is valuable to medical students and individuals concerned with the disorders of the maternal-fetal interrelationship.

Assessment Of Placental And Fetal Oxygenation In Normal

This book offers a unique and focused study of the use of ultrasound during the first trimester, a critical time in a fetus' development. It includes basic examination guidelines as well as cutting-edge ultrasound modalities, including Doppler and three-dimensional ultrasound, for the period immediately preceding conception through early embryogenesis. Beginning with a discussion of the safety and efficacy of diagnostic ultrasound and the use of this modality for the evaluation and treatment of infertility, recognized experts in the field explore conditions that may interfere with normal conception or development, including maternal diseases that would benefit from early scanning, elements of fetal growth, Doppler studies, and pregnancy, gestational trophoblastic disease, fetal anomalies and invasive procedures in the first trimester. Numerous illustrations and figures are provided to serve as aids for understanding key concepts. First-Trimester Ultrasound is a valuable resource for many, in or after training, in obstetrics and gynecology, radiology, emergency medicine, family medicine and genetics.

Fetal Therapy

Here is a practical, comprehensive text on fetal diagnosis, management and therapy which differs from the gamete stage through fertilization and organ formation are described in Chapter 4. The last chapter concerns the teratologic impact of the environmental factors on fetal growth and development. This volume is valuable to medical students and individuals concerned with the disorders of the maternal-fetal interrelationship.

Assessment Of Placental And Fetal Oxygenation In Normal