



## Preface

# Obstetric Ultrasound



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It is with great pleasure that I write an introduction to the first issue on Obstetric Ultrasound for *Ultrasound Clinics*. We have gathered a group of articles that should be of interest to radiologists as well as to obstetricians and gynecologists. Included are two articles written regarding the first trimester. First trimester screening for aneuploidy is a growing field. The article by Dr. Nyberg and colleagues gives a detailed review of this important topic. We also have a review by Dr. Eyvazdedeh on pelvic pain in the first trimester that details the types of abnormalities that can present with pelvic pain and how to image these patients appropriately. For second and third trimester scanning, we have two articles

regarding the cardiovascular system. An article by Dr. Lee details imaging of the fetal heart. An article by Dr. Abuhammed gives an overview of use of Doppler imaging in obstetric ultrasound. Three-dimensional ultrasound is another topic that is attracting growing interest in the ultrasound community. Drs. Pretorius and Tarsa give an overview on how to obtain volumes and how they can be useful in obstetric diagnoses. Finally, an article by Dr. Chie details imaging of the lower uterine segment in pregnancy. This article reviews important concepts of placenta accreta, cesarean scar pregnancies, and uterine dehiscence and rupture.