

Collaboration between 143 contributors is a real mine of information on fetal imaging

Obstetric Imaging: Fetal Diagnosis and Care, second edition, by Copel, D'Alton, Feltovich, Gratacós, Krakow, Odibo, Platt and Tutschek. Published by Elsevier, price £199.99.

Reviewed by Dr M J Weston, consultant radiologist, Leeds Teaching Hospitals NHS Trust.

This book represents a substantial collaboration between 143 contributors, covering a gamut of conditions affecting the fetus with 173 chapters within its 745 A4 pages. The majority of the contributors are from North America but there are also many from other parts of the world.

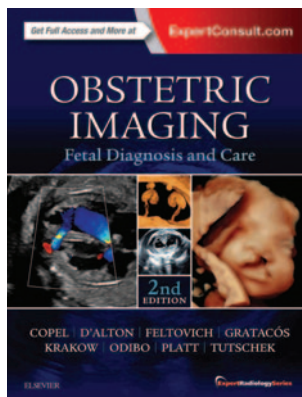
The book comes with web access to an eBook version that allows readers to browse the references (not listed in the print version to avoid clutter) and to view the collection of 91 video clips that can add so much to understanding in some diagnoses.

Each of the chapters covers a condition or a clinical problem. The format of each chapter follows a similar pattern, with clear sub-headings, numerous images and colourful highlight boxes (classic signs; what the referring physician needs to know; key points). It is a thorough exposition

on each topic, not only discussing the ultrasound signs but placing these in a clinical context. Other imaging modalities, particularly MRI, are discussed. Differential diagnosis, treatment options and postnatal care are all covered.

I really like the glossy presentation of the book and the numerous high quality images. This is a real mine of information presented in an easy to assimilate format. If you are aware of the likely diagnosis in your patient then it is easy to find the information. However, if you have found a sign but have not yet placed it to a diagnosis, then the information is harder to access. For example, if you know you want to look up autosomal recessive polycystic kidney disease then chapter 16 is for you. However, if you have found big, bright kidneys on a scan and are unsure of the significance, finding the right chapter is not so easy (yes, chapter 16 is also the place to look). This is a minor quibble and is not true in all areas, so for instance the chapter on hepatic anomalies approaches the problem in a more inclusive manner.

The role of MR scanning is well-covered and there



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are many high quality MR images. These are scattered through the chapters as appropriate, although of course there is a predominance of MR images in the chapters covering neurological problems. Interventional procedures and dilemmas in fetal medicine such as multi-fetal reduction, or infections are discussed in detail in their own chapters. The sections dealing with syndromes and genetic conditions cover all the mainstream problems in great depth.

In summary, I am impressed by this book and can find little to fault it. Every obstetric imaging department should have access to it.

NEW REVIEW -- COPEL / **Obstetric Imaging: Fetal Diagnosis and Care, 2nd Edition.**
Elsevier, 2018, \$299.99.

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[DOODY'S NOTES]

This title includes an access code for an accompanying website with ebook version.

[REVIEWER'S EXPERT OPINION]

Anthony Shanks, MD(Indiana University School of Medicine)

****Description****

This second edition of a comprehensive book on normal and abnormal ultrasound findings in obstetrics includes access to an ebook version. The previous edition was published five years ago.

****Purpose****

The purpose is to provide examples and descriptions for a comprehensive/exhaustive list of obstetric anomalies. The book is clear and well written and the website is easy to navigate.

****Audience****

The book is written for physicians who practice obstetric ultrasound, although any learner would benefit given the ease of reading style. The authors are some of the most respected clinicians in the field.

****Features****

The book is broken down by location of lesion. For example, sections on thorax, kidney, and CNS are all grouped together. This certainly helps busy clinicians because if they observe an anomaly in a given fetal body part, they can quickly reference the book for information on the differential diagnosis, prognosis, and potential therapies. I have used the first edition often in my clinical practice, so I was excited to see the second edition and it doesn't disappoint.

Chapters are easy to read and, importantly, images are easy to understand and compare and contrast. There is even a chapter on the rare Walker-Warburg syndrome, which I have to give the authors credit for including. The chapter on soft markers could have included a table on the likelihood ratios for the different markers, but that's a small point in an otherwise definitive book.

****Assessment****

This is an excellent book and one that should be on the shelf in every maternal-fetal medicine office. It is comprehensive yet easy to read. Chapters are well thought out and organized by disorder, making it easy to locate the topic of interest.

Weighted Numerical Score: 97 - 5 Stars!