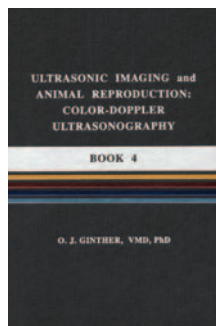


## Review...Review...Review...Review...



**ULTRASONIC IMAGING AND  
ANIMAL REPRODUCTION: COLOR  
DOPPLER ULTRASONOGRAPHY  
BOOK 4**

**Editor: O.J. Ginther**  
**Publisher: Equiservices Publishing**

RRP: £60.00  
***EVJ Price: £54.00 + p&p***

This is the fourth book in the series, nearly 10 years after the last volume was published. As with previous books it is a comprehensive review. In this latest work, the subject of transrectal colour Doppler ultrasonography in horses and cattle is covered in great detail. Its target audience is primarily researchers and applied workers in the field of large animal reproduction.

The book is divided into 4 parts. Firstly, the basics of the relevant vascular anatomy with excellent quality line drawings, colour photographs and diagrams. Also there are several chapters devoted to the principles of colour Doppler physics and how images and artefacts are created and how the instrumentation works, all delivered in an easily understood and relatively simplistic fashion. The chapter on adjusting the scanner will be especially helpful to those embarking on using the modality for the first time. Part 2 covers ovarian blood flow

and Part 3 the uterus and pregnancy, with Part 4 revealing the blood flow in male genitalia (both stallion and bull). Each section is clearly separated between cattle and horses, so those interested in a single species can navigate easily. Ginther's fascination with comparative studies is revealed by additional sections on the human ovary, which allow a valuable insight. Much of the work presented is by Ginther and his co-workers and concentrates primarily on the nonpregnant animal and early pregnancy. But results of studies, in both cattle and horses, by German workers in later pregnancy are also presented. Each section is lavishly provided with numerous (over 300) high quality colour Doppler images that ensure a fascinating reading experience.

The book is in the style of others in the series with an extensive bibliography at the end cross referencing with the page number. Colour-coded summaries are new to this volume and dispersed at relevant points in the text rather than the end.

This book easily achieves its aim to comprehensively reveal the state of colour Doppler ultrasonography and with the ever increasing availability of this modality to reproductive clinicians makes this an important book for all who wish to remain abreast of the latest technology. Considering the quality of the book it is very reasonably priced at £54 - a must for any clinician's book shelf.

**Andrew McGladdery**

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