

BOOK REVIEW | RECENZIE CARTE

TREATISE ON CLINICAL VETERINARY ULTRASONOGRAPHY

TRATAT DE ULTRASONOGRAFIE CLINICĂ VETERINARĂ

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We would like to point out the recent publication in Medicală Publishing House, Bucharest, 2022 of excellent work for the veterinary medical profession in Romania: Treatise on Clinical Veterinary Ultrasonography, coordinated by Prof. Mario Darius Codreanu, DVM, Ph.D., with the contribution of some recognized specialists in veterinary ultrasound diagnosis: Cristian Dana, DVM, Ph.D., Prof. Ion Alin Bîrțoiu, DVM, Ph.D., Prof. Iuliana Ionașcu DVM, Ph.D., Călin Șerdean, DVM, Ph.D., Assoc. Prof. Alexandru Diaconescu, DVM, Ph.D. and Radu Constantinescu, DVM, Ph.D.

Ultrasonography is a relatively recent medical investigation technique, and the authors of this treatise have contributed to its promotion in Romanian veterinary medicine.

As the coordinator of the treatise states in the preface, ultrasonography has revolutionized imaging and medical diagnosis in general, starting about 40 years ago, being a diagnostic method initially used in universities by specialists, and later recognized as a real implementation in current veterinary medical practice, becoming common and easy, used in most private veterinary practices, applicable to all species.

The treatise begins with a first chapter on General ultrasonography - the technique of ultrasonographic examination, in which a brief history, basic physical principles in ultrasonography, echoanatomy of the abdominal organs, preparation of the patient for ultrasonographic examination, and the advantages and limitations of ultrasonography are presented.

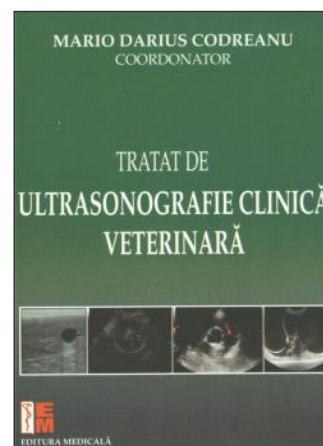
The most consistent part is the special ultrasonography (ch. 2), in which the following are described and presented with images of excellent quality: a general ultrasonographic examination of the abdomen (hepatobiliary complex, gastrointestinal tract, spleen, lymph nodes, urinary and genital apparatus, pancreas, adrenal glands), echocardiographic examination, non-cardiac thoracic ultrasonography. A thyroid and parathyroid ultrasound examination is also presented. Separate sub-chapters are devoted to ultrasound examination of the eyeball, interventional ultrasound, ul-

trasound examination in emergency medicine, and specifics on differential ultrasound diagnosis in the dog and cat.

The book provides a generous informational framework, both theoretical and practical, and is suggestively illustrated, with excellent quality iconography designed to cover the most common situations in pet pathology.

In his review of the first book on ultrasound diagnosis published by the coordinator of the present work (3), the former Prof. Dr. HC Sabin Ghergariu recommended allocating a more generous space in the curricula of the faculties to the field of imaging (8), which did not happen, as notions of ultrasound are taught either as a chapter of the discipline of Imaging (10) or in the framework of medical clinics (2, 7), cardiology (1, 9), reproduction and obstetric pathology, the coordinator of this treatise is the most fervent promoter of ultrasound as a diagnostic method, by the extent and value of his publications (3-6).

The current treatise goes far beyond the framework of a university course and is extremely useful not only to students and practising veterinarians but also to specialists interested in health research in the context of the one health concept. Moreover, most of the authors participate constantly in workshops and courses for continuing education of veterinarians in the field of ultrasound diagnosis, the coordinator of the treatise being, since 2003, a trainer for Romania in the field of clinical and interventional ultrasound for Esaote PIE Medical Concern, one of the most important manufacturers and suppliers of ultrasound diagnostic equipment internationally. I benefited from such training sessions before starting my activity in diagnostic ultrasound at the Faculty of Veterinary Medicine in Iasi, for which I am grateful to Prof. M.D. Codreanu and his colleagues in the collective of authors.



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Through the contribution of the authors, personalities with high-level expertise in veterinary ultrasonography, to the synthesis and presentation of the latest aspects of clinical ultrasonography, we consider that the treatise should be a must in the library of any practicing veterinarian, making an essential contribution to the progress of Romanian veterinary medicine. We congratulate the collective of authors and recommend the publication of the treatise also in English, in order to acquire the international notoriety, it deserves. The same warm congratulations to the team of the Medical Publishing House for the excellent quality of the work.

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