

Ultraschall

in Klinik und Praxis

Herausgegeben von H. Bartels, R. Erbel, M. Hansmann, R. Otto
Schriftleitung: A. Staudach, H. Lutz

Band 6 Heft 3 1991

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Ultraschalldiagnostik 91

Drei-Länder-Treffen Lausanne
16.–19. Oktober 1991

15. Gemeinsame Tagung
der Deutschen, Österreichischen und
Schweizerischen Gesellschaften
für Ultraschall in der Medizin

Abstracts

Unter der Schirmherrschaft der SGUMB
A. Anderegg, Lausanne · P. A. Despland, Lausanne
H. D. Henner, Zug · R. Ch. Otto, Baden



Springer-Verlag Berlin Heidelberg New York
London Paris Tokyo Hong Kong Barcelona Budapest

Ultrasonographic review of pathological structures in the genital tract of the mare

Dr. Stéphane MONTAVON, DVM, Pratique Vétérinaire Equine, P.O. Box 769, CH-1214 Vernier / Geneva

This review will include an ultrasonographic approach of the pathological changes most commonly found in the mare's uterus and ovary.

The most common uterine pathologies detected by ultrasonography are accumulation of uterine fluid, air and cysts. Among the ovarian abnormalities are multiple preovulatory, anovulatory hemorrhagic, luteinized and unruptured follicles, persistent CL ovarian tumors and periovarian cysts.

All the images were taken and pictured with a Pie Medical Scanner 450, an Aloka 210 DX or a Corometri 260 using a 5 MHz linear and / or sector probe.

The material includes approximately 2000 mares of various breeds, ranging from 3 to 20 years of age.

The results include a correct ultrasonographic imaging of those pathological uterine and ovarian changes and when ever possible the comparison with the macroscopic aspect and / or the normal ultrasonographic structure. This review should demonstrate that ultrasonography provides not only the opportunity to diagnose pregnancy earlier than with rectal palpation, but can also be used to detect uterine pathology and ovarian disfunctions which represent every day a challenge for the equine gynaecologist.