

Vol. 13 (1): 281-286 (2023)

ULTRASONOGRAPHY OF THE DOG'S PROSTATE: NORMAL PROSTATE AND PATHOLOGICAL PROSTATE

MADANI Khadidja^{1*}, AISSI Adel², KHIATI Baghdad³

¹*Institute of Veterinary Sciences, Ibn-Khaldoun University, 14000 Tiaret, Algeria;*

²*Veterinary Surgery and Imaging Service, Veterinary Institute, Batna University, 05000 Batna, Algeria;*

³*Institute of Veterinary Sciences, Ibn-Khaldoun University, 14000 Tiaret, Algeria;*

*Corresponding Author MADANI Khadidja, e-mail: mad-khadidja@outlook.fr;

Received November 2022; Accepted December 2022; Published January 2023;

DOI: <https://doi.org/10.31407/ijeess13.137>

ABSTRACT

Globally, carnivore breeding has become an increasingly important discipline in veterinary medicine where much study has been done on domestic carnivores, especially dogs. The dog's prostate can be affected by diseases which can influence the quality of reproduction such as Benign prostatic hyperplasia (BPH), Prostatitis, prostatic cyst, paraprostatic cyst, prostatic abscess and prostate tumor, this requires a good diagnosis in order to identify the nature of the prostatic lesion. Ultrasonography has been taken into consideration by veterinary practitioners and researchers by integrating this necessary tool into their practices. Results obtained by several studies in veterinary medicine confirm the usefulness of ultrasound in the diagnosis of various diseases among them prostatic pathologies. This article focuses on ultrasound of the prostate in dogs and shows the use of this clinical tool to explore normal prostate and pathological prostate and helps the veterinarian to understand and explain the different changes that can affect the prostate from ultrasound images.

Keywords: dog, normal prostate, pathological prostate, ultrasonography.