

APPLICATION OF ULTRASONIC METHOD IN DIAGNOSIS OF UROLOGIC DISEASES IN DOGS AT THE ANIMAL CLINIC, CAN THO UNIVERSITY

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Summary

The research was carried out to apply the ultrasonic method in diagnosis of urologic diseases in dogs at the Animal Clinic of Can Tho University. Of 2,237 dogs examined, 147 dogs (6.57%) showed the pathology in the urinary system. The rate of the pathology in the urinary system in dogs depends entirely and ascends with ages ($P < 0.01$). In addition, this pathology also depends on breed ($P < 0.01$), gender ($P < 0.05$), and raising method ($P < 0.01$). The results of ultrasonic diagnosis indicated that dogs had the pathology in the kidney (61.22%) and bladder (38.78%). Nephritis was prevalent at the highest rate (56.46%), followed by cystolith (19.05%), cystitis (14.97%), cystocele (3.40%), hydronephrosis (3.40%), kidney stones (1.36%), and bladder tumors (1.36%).

Keywords: *Ultrasound, dogs, kidney, bladder, Can Tho city.*