

عنوان مقاله:

Ultrasonographic And Radiographic Diagnosis Of Urolithiasis In Referred Cats To The Veterinary Hospital Of Ahvaz:
A Comparative Study

محل انتشار:

سومین کنفرانس بین المللی فناوری های نوین در علوم (سال: 1402)

تعداد صفحات اصل مقاله: 6

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خلاصه مقاله:

Urolithiasis is the presence of stones in any part of the urinary tract of a cat, and can vary in its mineral composition. Ultrasonography and radiography are the most commonly used methods for detecting urinary stones in dogs and cats. The purpose of this study was to compare the findings of ultrasonography and radiography in the diagnosis of urinary stones and to determine the prevalence of urinary stones in cats referred to the veterinary hospital of Shahid Chamran University of Ahvaz over a five-year period (from ۲۰۱۷ to ۲۰۲۲). ۱۰۹ cats were evaluated in this study. The findings showed that the average prevalence of urinary stones over a five-year period is ۹.۱۷% and there was no statistically significant difference between the two methods used for detecting urinary stones ($P>۰.۰۵$). According to the literature, the bladder is where urinary stones are most likely to form. The findings of this study demonstrated that the prevalence of urinary stones in cats in this area is comparable to that in other parts of the world, where it has been reported to range from ۷ to ۲۸%. It was anticipated that the prevalence of stones would be relatively higher in the Ahvaz region due to the hot climate, but this hypothesis does not appear to have led to an increase in urinary stones, possibly because the referred cats were kept at home and were not exposed to heat or a lack of water, both of which are significant stone-forming factors.

کلمات کلیدی:

Cat, Urolithiasis, Radiography, Ultrasonography, Ahvaz

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