RECOMMENDATIONS WHILE WAITING FOR UROLITH RESULTS

Depending on urolith type, reformation typically takes several weeks (e.g. infection-induced struvite), to many months (e.g. calcium oxalate). The most common "cause" of rapid recurrence (e.g. days to a few weeks) of uroliths is incomplete removal of all uroliths at the time of surgery. Until quantitative mineral analysis of your urolith is complete, we recommend the following steps:

Risk Management

**DIAGNOSTIC CONSIDERATIONS**

Use our App to assist prediction of mineral composition (www.vetmed.umn.edu/centers-programs/minnesota-urolith-center/whats-new)

Perform post-operative imaging to ensure complete urolith removal. Double contrast cystography or ultrasonography may be necessary if uroliths were not easily observed on pre-operative radiographs.

**MEDICAL CONSIDERATIONS**

With persistent signs, culture urine prior to administration of antibacterial therapy. Urinary tract infection is common in female dogs and patients that have undergone urethral surgery.

**NUTRITIONAL CONSIDERATIONS**

Feed diets that avoid mineral excess and promote a neutral urine pH. We feed diets designed for mild to moderate renal insufficiency. If possible, feed canned formulations to reduce urine concentration. Once urolith results are received, refine therapy using our specific recommendations (urolithcenter.org).

REFERENCES:


