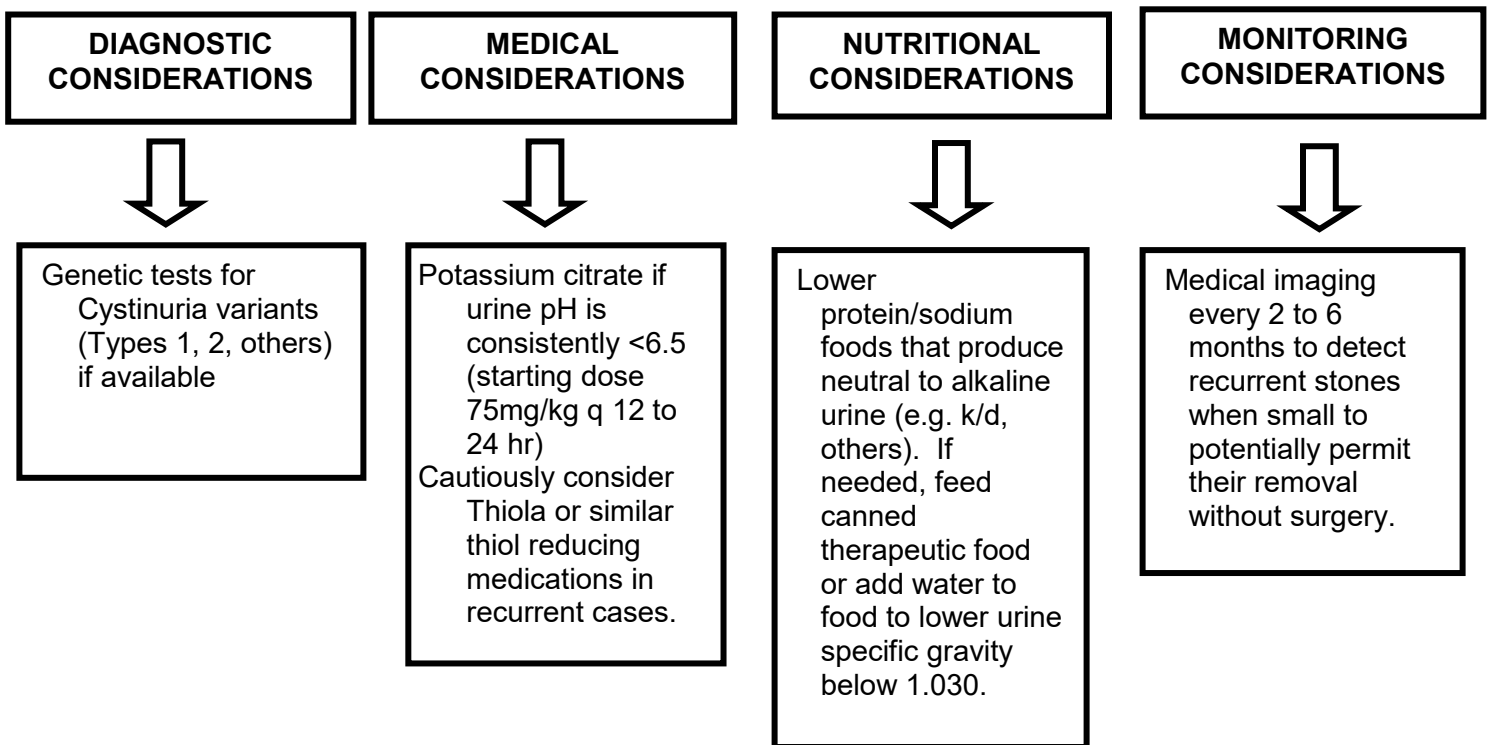




## FELINE CYSTINE

Cystine uroliths form because of inherited defects in renal tubular transporters of cystine and other dibasic amino acids resulting in increased urine cystine excretion. The transportation defect is genetically heterogeneous (autosomal recessive-SLC3A1 and autosomal dominant-SLC3A1 & SLC7A9) in other species and is likely similar in cats. Cystine stones are highly recurrent.

### MINIMIZING RECURRENCE



\*\* Review manufacturer's therapeutic food literature to determine indications/contraindications. For pets with multiple health concerns, consult a veterinary nutritionist to select an optimal food.

*Support from [Hills Pet Nutrition](#), veterinarians, and pet owners make our work possible.*

