

# Minnesota Urolith Center \* UNIVERSITY OF MINNESOTA

College of Veterinary Medicine \* 1352 Boyd Avenue \* St Paul, MN 55108

Phone 612.625.4221 \* Fax 612.626.3226 \* email [support@urolithcenter.org](mailto:support@urolithcenter.org)

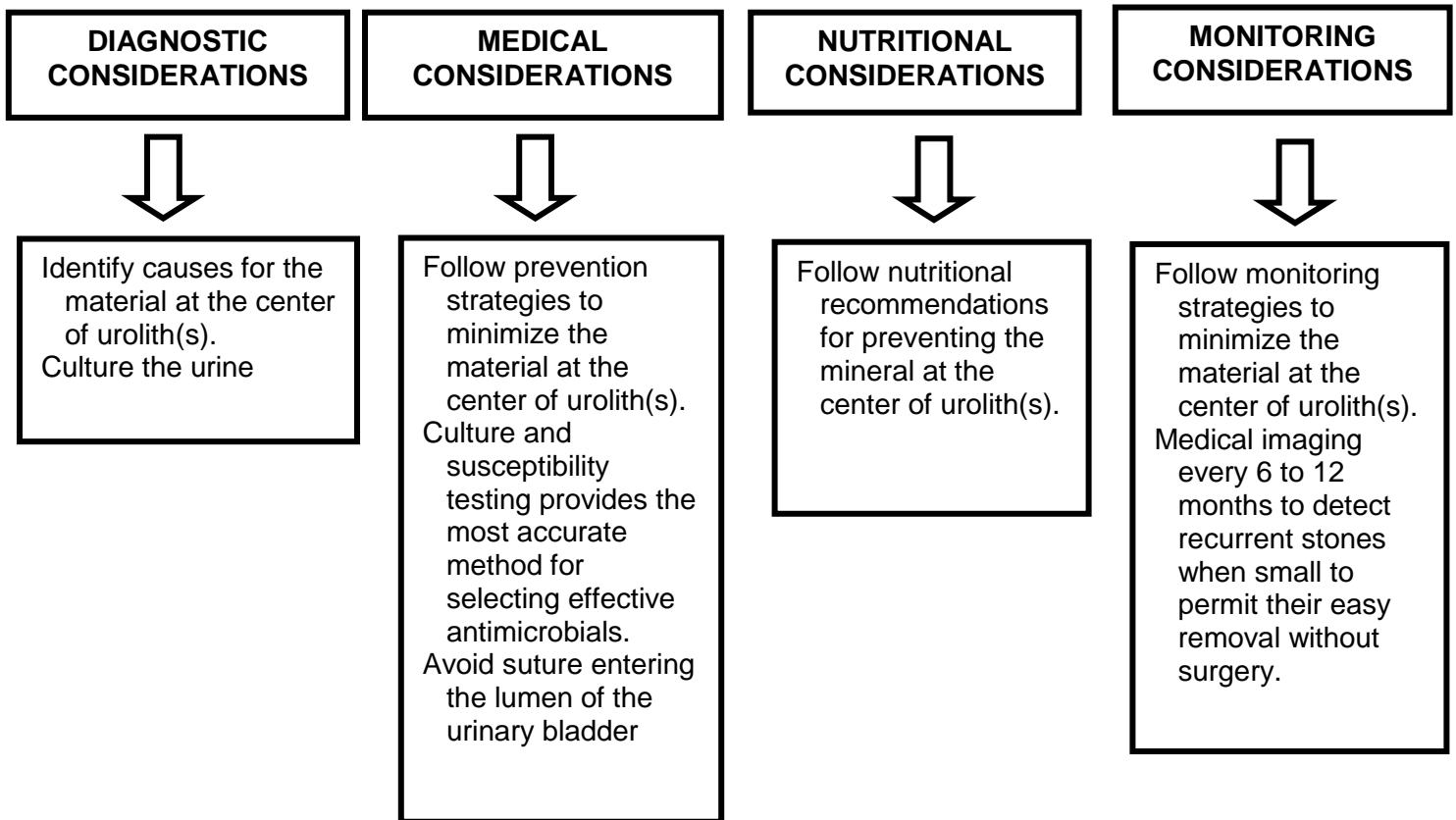
Directors: Carl A. Osborne DVM, PhD \* Jody P Lulich DVM, PhD \* [urolithcenter.org](http://urolithcenter.org)

---

## FELINE COMPOUND UROLITHS

Uroliths with a center composed of a different material than the outer layer(s) are called compound. Compound uroliths commonly occur when metabolic uroliths (e.g. calcium oxalate, urate) contribute to urinary tract infections with bacteria that promote struvite formation, or when suture material or other intraurocystic foreign material promotes mineralization over its surface, or when treatment/diet administered prior to urolith removal alter urine pH or crystal solubility.

## PREVENTION



\*\* 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.

**In depth recommendations and references are available on our website: [urolithcenter.org](http://urolithcenter.org) under the resources tab.**