

## **Urinary Bladder Stones In Dogs**

Urinary bladder stones (also known as uroliths) are collections of mineral crystals in the urine that combine together to form a stone in the bladder.

Bladder stones can be caused by infection, poor diet, low water intake or breed (Miniature Schnauzers, Dalmations, Yorkshire Terriers and Bulldogs are more prone to developing particular types of bladder stones)

Signs your dog may have bladder stones are:

- straining to pass urine
- difficult or slow urination
- licking around genitalia
- pain when urinating
- frequent urination
- incontinence
- blood in urine

To diagnose this condition, urine tests, abdominal x-rays and/or ultrasound may be required.

Surgery to remove large stones will be required or diets to help dissolve smaller stones and stop more forming will be recommended.

Different crystals and stones can occur and need specific diets for treatment and prevention. Often we can determine which type is present by testing the urine and/or stones for their mineral composition.