

Title :	Urinary-bladder –cystitis – stones	No. of Pages : 2
Doc Name : AN233	Herbal Bladder Tonic	Related Products :
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Rebalance the system to a more "acidic" one by doing this will prevent and/or treat cystitis, and other bladder issues.

GENERAL SUGGESTED DOSAGE:

*Small toy dog/cat: Mix 3 to 5 drops in a small egg cup, add some hot water and then let cool. Either dilute with some synergy greens powder (alkaline powder) with small oral syringe and sip small amounts until 1 ml is taken. Repeat daily. Stop on improvement try and add to meals thereafter for another month. Repeat oral dosing again if and when required.

*Med / Large dog: Mix 2 full dropperfuls in meals or add to some slippery elm powder to a runny mix and oral syringe or add herbs to some sardines and hand feed it.

OR MIXED IN FOOD 2 x daily.

Urinary / Bladder / Stones / blockage /infection All Species

Urinary Syndrome, (FUS), or Lower Urinary Tract Disease (FLUTD) refers to a group of bladder issues that affect cats, and dogs (cats more so) who are being feed any type of commercial foods- dry and wet.

In 30% to 50% of all pets with bladder weakness due to chemical foods, struvite crystals or "stones" form in the lower urinary tract. As these stones accumulate, the ability to urinate becomes hindered, and the pet begins to show discomfort while, or immediately after, urinating. If these stones create a blockage, it can prove fatal, if not treated immediately by a veterinarian or treated with a strong and frequent dosing of homeopathic remedies within 24hours.

Reoccurrences can be common, especially if continuation of commercial foods, or eating allergy type foods which cause inflammations of the mucous membrane. Thus this condition becomes chronic. Chemical antibiotic therapy and continuation of artificial diet does not heal or help.

Struvite stones in the cat are almost always formed because of the urinary changes that occur with specific types of bladder infection. Almost always a staphylococcal infection but occasionally a Proteus infection.

Struvite crystals are not unusual in normal urine and are usually of no consequence but when they are present in very large amounts together with a Staphococcus or Proteus bladder infection, crystals can congeal into stones. It all begins with a substance called urea.

Urea is a waste product generated in the metabolism of protein and it is removed from the body via excretion in urine. When urine is infected with bacteria that are able to digest urea, urea is broken down into **ammonia** .

Ammonia is toxic to the cells of the bladder wall and its presence generates inflammation although the infection present also generates inflammation as well.

The proteins released in the inflammatory reaction form a matrix which the struvite crystals use to form an actual stone. The reaction takes place only in an alkaline pH but the presence of ammonia creates just the alkaline pH needed for stone formation. Bacteria capable of digesting urea are called urease positive bacteria and in most cases we are talking about Staphylococci. In general rule is: No infection, no bladder stone.

To treat chronic and prevention – must change diet and add a **pinch(cat) or ½ teaspoon (dog) of Ascorbic acid" powder** to daily meals for a few months. Repeat every 3 to 4 months for a month.

This will correct the imbalance of a high alkaline system to a healthy acidic one, thus body can then dissolve crystal formations.

Treatment for Urinary infection: We use Homeopathic Cantharis 200C with Staphylococcus nosode 200C - 3 x daily for 4 days - for healing which causing swelling and some blood is sometimes seen in urine. Which causes a cat to continually try to urinate.

Treatment: Urinary Blockage - Causticum or Cantharis and Tabacuum 10M every 1 hour for 3 treatments. Or see HAMPL Bladder clear homeopathic formula.

So what causes this?

Studies have shown any pet that has a weak immune system will be open to bacterial infections and on top of this when a pet is also being fed an artificial diet of any brand of wet or dry food, stresses of drugs/vaccines can tip an animal out of balance very quickly.

One result is urinary tract infection - directly linked to artificial foods. It was thought that ash caused lower urinary tract disease. That is not necessarily true, according to recent studies. Ash is the measure of the total mineral content of cat food, such as calcium, phosphorus, magnesium, manganese, sodium, and potassium, to name a few. These are essential nutrients for your cat's health. Some cat foods that are marketed as a low ash formula; could actually have mineral deficiency. Struvite crystals are mainly phosphorous and magnesium, which form in an alkaline urine pH. Studies have shown that the urine pH plays an important part in preventing the formation of struvite crystals.

Animals with these crystals have been found to have a high, or alkaline urine pH. (6.6 or higher) Another type, calcium oxalate crystallization, can occur in cases of an over acidic urine pH. (below 6.0) It is recommended to maintain a urine pH is between 6.0 - 6.5 to prevent crystal formation.

It is important to realize that though struvite crystals are a potentially deadly symptom, that they are not the only aspect of this disease or group of diseases, Maintaining a proper urine pH with special Hills diet that will artificially alter the acidic will help to prevent the formation of crystals, but does little to help fight off infection and promote healing.

Recommendation was to **avoid all commercial foods** to a natural raw meat diet to prevent oral cavity and plaque build-up and resulting formation of anaerobic bacteria into the system, and chemical binding of additives add to commercial foods. After your cat eats, the urine pH increases for a few hours. This is called an alkaline tide. It is thought that this may contribute to crystal formation. If possible, leave enough food that your cat can return throughout the day for smaller snacks at its own choice.

This will help stabilize the urine pH levels. - Avoid foods that are preserved with Ethoxyquin, BHT or BHA. These chemical preservatives have been found to cause enhanced bladder carcinogens. Some dry foods that contain Ethoxyquin example: . Iams, Ukanubas - Cat & Dog dry kibble.

According to Dr. Wendell Belfield, DVM, these chemicals are suspected to cause kidney and liver dysfunction. Both BHA and BHT are banned in Europe. The Animal Protection Institute claims that these three commonly used preservatives have a synergistic effect when used together that may lead to the development of certain types of cancer and that the accumulative effect in the liver and tissues has not been taken into consideration in evaluating dosages. The FDA has recently requested that Ethoxyquin levels be cut in half to 75 parts to a million.

Note: Recurrent lower urinary tract infections and stones

(i.e. of the bladder and/or prostate) are the number one cause of kidney infections, because, with time, the infection may travel up the urethra to infect the kidneys. i.e. CRF (chronic renal failure) WHICH IS VERY COMMON WITH FELINES AS THEY AGE.

Although there are several other important causes for kidney function to be reduced, damage from ascending urinary tract infections is a significant cause of age-related kidney insufficiency or failure.

Dogs and cats can lose up to 2/3 of their functional kidney capacity without losing any of the ability of their kidneys to do their job! After 2/3, most dogs/cats will start drinking more water to help compensate for reduced function. It is only when 3/4 of the capacity is gone, that the kidneys can no longer compensate completely and toxins and abnormal levels of minerals and electrolytes begin to build up in the blood stream.

If your cat has been living on biscuits and tin foods, or had been on them at any stage, then it would be most likely to have some sort of inflammation or low grade infection. Suggesting that your dog or cat should be treated for chronic urinary infections or inflammation using the (non chemical product) homeopathic formulas for this. This is a great way to obtain good health.

Chronic infections go usually unnoticed, (unless acute inflammation) and most pets have this problem on going. Stop it now and preserve your pet's kidneys and longevity.