



HAMPL™ Pet Formulas

## Holistic Animal Remedies

Product Code <b>AN014</b> <b>Bladder Health</b>	11 Pages
Urinary Syndrome (FUS), or Lower Urinary Tract Disease (FLUTD) <b>e.g. Struvite crystals for all species &amp; ages.</b>	
Last Updated: 11-06-18	

### **NATURAL MEDICINES - ANIMAL HOMEOPATHIC DOSING APPLICATION:**

#### **Homeopathic Dosing (clear liquid or white pills):**

One dose is: pat on 3 to 4 drops on body (in-between shoulders blades).

Not to be given orally. Refer to: Bottle label for suggested frequency repeat dosing each day.

### FURTHER NATUROPATHIC SUPPORT

#### 1. Bladder Infection & Cystitis

In some cases, we may also need to give our pet a herbal antibiotic as well, adding drops to meals for 5 days or so. **HAMPL Infection Fighter 50ml. (AN071)**

#### 2. For "Calcium Oxalate" type stones

**Refer to: (Product code AN224) Stones Solution formulas (Set of 2) Plus VERY IMPORTANT to also add the mineral Magnesium** to help balance over calcium issues. e.g. ReMag Magnesium Solution drops, adding daily to meals. Or Magnesium Glycinate powder.

#### 3. Struvite stones

**How TO assist in dissolving or prevent forming stones "crystals" (struvites) Example:** to make your pet's pH system a more "acidic" one - naturally!

HERE ARE THE STEPS to help heal and prevent bladder issues:

1. Change diet to a natural home prepared one.
2. Using in conjunction with **HAMPL BladderClear 15 homeopathic formulas for assisting in acute blockages.**
3. To dissolve stones-use the "Acidic" Vitamin C powder in every meal.

\*Available from Health food stores

Example: Dissolve in a little warm water (from kettle) **a pinch (cat) or 1/2 teaspoon (small to med size dog) of "ascorbic acid" powder** to daily meals for a few months.

Repeat every 3 to 4 months for a month if still feeding chemical imbalanced foods ( E.G .. ALL DRY FOODS – including ph balanced commercial foods).

**By adding the acidic vitamin c off and on, will correct the imbalance of a high alkaline system to a healthy acidic one, thus the body can then dissolve crystal formations.**

Alternative to using an "acidic" type of "Vitamin C" powder is:

Grind some fresh celery seeds and juniper berries up – add a pinch to daily meals - this helps encourage an **acidic system** and may work faster than using Vit C.

## Urinary Catheter or Surgical Reconstruction?

Has your cat been through having a **urinary catheter or surgical reconstruction** of the genitalia? This is used to create a more female-like opening - this surgery is called the Perineal Urethrostomy or "PU" for short. Basically, the penis is removed and a new urinary opening is made.

**Note: This surgery is done to prevent obstruction of the urinary tract. It does not prevent Feline Lower Urinary Tract Disease.** This means the cat is likely to continue to experience recurring bloody urine, straining etc. He just will not be able to block and complicate the situation. Cats with perineal urethrostomies are predisposed to bladder infections and infection related bladder stones.

**This is why it is so important to continue the natural support remedies or to avoid surgery altogether which is best.**

**If so, then other homeopathic formulas we highly recommend using in conjunction are:**

**HAMPL Scar Tissue            50ml    (PRODUCT CODE AN058)**  
**HAMPL Internal Repair    50ml    (PRODUCT CODE AN169)**  
**HAMPL Bladder Clear      30ml    (PRODUCT CODE AN015)**

(bladder blocked, paralysis, nerve damage etc)

(Please quote the product name and AN code number when requesting – via phone or email).



## NATUROPATHIC ADVICE

Due to commercial tinned foods that have caused an imbalance we need to rebalance the system from a too alkaline one to a more **acidic one**. Some of the commercial foods are now adding a artificial chemical acidifier, however this is a chemical, for health reasons it is better to use a natural supplement which is more effective.

These crystals or stones of the **struvite type are more common in felines**, as they need a slightly more acidic system than do canines. Therefore when on a artificial diet, they are more susceptible to crystal formations in the bladder.

Chemical Antibiotics will NOT cure this problem, nor the Special Urinary Diet tin foods pH balance.

**For complete healing one MUST Avoid ALL artificial food.**

Raw or slightly warmed or cooked fresh meat diet

If your pet is not used to eating this natural diet, it may take many months to change over, so gradually add raw or cooked meat with artificial until there is less and less of the artificial food in the diet.

Due to commercial tinned foods that have caused an imbalance we need to rebalance the system from a too alkaline one to a more **acidic one**. You can do this naturally by avoiding all commercial foods and adding a pinch of acidic Vitamin C powder (pure ascorbic acid) to the diet. This can be bought from health food stores or **hampl**.

Instead of using an "acidic" type of "Vitamin C" powder an alternative is: grind some fresh celery seeds and juniper berries up – add a pinch to daily meals - this helps encourage an **acidic system** and may work faster than using Vit C.

## Urinary Bladder infections and stones formation causing blockages

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 fed 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 24 hours. Recurrences can be common, especially if continuation of eating commercial foods occurs, or eating allergy type foods which cause inflammations of the mucous membrane. Thus this condition becomes chronic. Chemical antibiotic therapy and the continuation of an artificial diet does not heal or help this condition.

**Struvite stones** in the cat (and less common in dogs) are almost always formed because of the urinary changes that occur with specific types of bladder infection. This is almost always a staphylococcal infection but can occasionally be 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 Staphylococcus 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 the rule is: No infection; no bladder stones.

## 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; or stresses of drugs/vaccines which can tip an animal out of balance very quickly.

One result is urinary tract infection - directly linked to artificial foods in the diet. 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 deficiencies. 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 the special Hills diet that artificially alters the acidic balance will help to prevent the formation of crystals, but does little to help fight off infection and promote healing.

The recommendation is to **avoid all commercial foods** and switch 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 added 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.



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**Some dry foods that contain Ethoxyquin are: 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 cumulative 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). 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 dog or cat has been living on biscuits and tinned foods, or has been on them at any stage, then it would be likely that they have some sort of inflammation or low grade infection.

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 there is acute inflammation present, and most pets have this ongoing problem.**

**Stop it now and preserve your pet's kidneys and longevity.**



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Symptoms are not always seen especially in chronic cases. However, acute symptoms will be that your pet seems stressed, restless, and you notice she/he keeps going to the toilet - outside or litter box.

If this frequent trying to urinate is seen, and notice they are not releasing much urine or none at all, and even sometimes there may also be found some traces of blood in urine. Then your cat needs attention and helping her/him urinate again. It is not good for a cat to have this condition for too long, especially if completely blocked.

Sometimes there is an **infection like E. colic (Escherichia coli)** is the name of a germ, or bacterium, that lives in the digestive tracts of humans and animals. There are many types of E. coli, and most of them are harmless. But some can cause bloody diarrhea. Some strains of E. coli bacteria (such as a strain called O157:H7) may also cause severe anemia or kidney failure, which can lead to death.

Other strains of E. coli can cause urinary tract infections or other infections. For any health condition that is chronic, we need to look at what type of diet and monthly or yearly drugs are being given and omit and correct diet.

Infection can be an issue with pets just like human bladder infections, especially after a bout of chemical antibiotics or prolonged use or overuse. As the drug destroys all the good bacterial gut flora that is needed to prevent and protect us and our pets from being invaded by bacteria, fungal and virus.

### **Vitamin C (using an acidic type)**

With felines, in particular, their system needs to be rebalanced to a more "acidic one" (an acidic system breaks down crystals naturally) using a natural supplement (not artificially with chemical foods i.e. Hills special diet etc). We add a pinch of an "acidic" type of Vitamin C called ascorbic acid powder in daily meals for a few months will help correct this. Sometimes a repeat every few months for a couple of weeks will help also prevent a chronic imbalance. Dogs need a more neutral pH/alkaline system, whereas cats need a more acidic system to be healthy, therefore we see this condition more often in cats than dogs. As this causes kidney disease if condition stays chronic and undetected.

\* Refer to (product code AN121) ACIDIC - Ascorbic Acid vitamin C powder 100 gms is a natural and effective way of making your cats "pH system" more acidic. This powder is also available from your health food stores. Use a pinch daily in meals for one month. Repeat if needed, especially if eating artificial chemical wet or dry foods and tuna - which will bring on infection and make a too alkaline system or allergy to chemical foods, tuna etc. If possible consider changing diet.





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The desired Urine pH in cats seems to be 6.0 to 6.5

although at times the higher range may vary. You must remember that the lower the pH the more acidic urine is produced. If the pH level is not in this range then it can lead to the growth of magnesium ammonium phosphate crystals. If the pH is lower than 6.0 the calcium oxalate crystals are formed. So high urine acidity lowers the chances of struvite crystal formation whereas lower urine acidity means to lower the chance of calcium oxalate crystals.

You can get urine pH test strip from ordering online from a supplier of these.

The bacteria called Klebsiella and Proteus (and rare) Nocardia infections that can often cause pneumonia (lung), ear and sinus infections, and urinary tract infections, so just in case I have included this in the formula.

### **Has your cat had a "Urinary Catheter" procedure done?**

(this type of procedure is what a veterinarian will provide in emergency cases, which is done to clear obstruction of the urinary tract). But unfortunately, It does not prevent Feline Lower Urinary Tract Disease. This means the cat is likely to continue to experience recurring bloody urine, straining etc. He just will not be able to block and complicate the situation.

Cats with "**Perineal Uethrostomies**" are predisposed to bladder infections and infection-related bladder stones.

As the metabolisation of excess L-methionine amino acid is connected to the formation of sulphuric acid, the kidneys can use L-methionine to acidify the urine, which enables the use of this essential amino acid for the treatment of certain conditions. For example, urine with a pH value of between 4 and 6 can optimize the effects of many antibiotics, including ampicillin, and prevent the formation of kidney stones. L-methionine can also inhibit the growth of bacteria in cases of cystitis, as most bacteria cannot survive in an acidic environment.

### **Foods Containing Lots of L-methionine.**

#### CANINES

Brazil nuts are the best-known source of L-methionine, as they contain around 1000mg per 100g.

Crush a Brazil Nut into daily meals.

#### FELINE AND CANINES

Other foods which can be used for L-methionine are raw Salmon, Beef, Chicken breast. This is one of the reasons we need the food to be fresh and raw for our pets to benefit.

Cooked or Artificial Food a pet is not getting proper nutrients.



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For example, High temperatures during cooking (commercial and home prepared) can irreparably destroy the structure of the amino acids, and a prolonged exposure to heat leads to a complete loss of this vital substance from the food.

### **Has your male cat had a "surgical reconstruction" PU?**

(genitalia surgery to create a more female-like opening). This surgery is called the Perineal Urethrostomy or PU for short. Basically, the penis is removed and a new urinary opening is made.

If yes to either procedure, then we highly recommend also using in conjunction are the below homeopathic drops e.g.

Homeopathic - Post Surgery formula (Set of 2) This is why it is so important to continue the natural support remedies or avoid surgery altogether is best.

**Note:** If your pet has Bladder or Kidney "stones or gravel", please see our other products for stones dissolving. Example: If your pet has Struvite stones (crystals) please refer to HAMPL BladderClear 15 drops Or if your pets have the Oxalate stones or Renal Calculi stones please refer to HAMPL Stone 224 Formula treatment Set.

### **Struvite and calcium oxalate stones are by far the most common.**

#### Struvite stones

Struvite stones are also known as magnesium ammonium phosphate stones due to their chemical composition. They form at a neutral to alkaline pH of the urine. Bacterial infections contribute to their formation by the pH of the urine through the urease enzyme in dogs. More than 90 percent of dogs with struvite stones have an associated urease-producing bacterial infection in the urinary tract, but in cats struvite stones usually form in the sterile urine.

#### Struvite crystals.

Dissolution of the struvite stones depends on acidification of the urine through diet or urinary acidifiers.

Urethral plugs in cats are usually composed of struvite crystals and organic matter. Refer to: AN015 HAMPL BladderCI 15 drops.

#### Calcium oxalate stones.

Calcium oxalate stones form in an acidic to neutral urine. Therefore do not use the acidic Vitamin C. Refer to AN224 HAMPL Stone Set.



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Extra help if desired:

### **Feline or small canines**

Add 3 drops of Olive leaf herbal extract mixed well into daily meals will also be helpful. As herbs have a strong smell and taste if you cannot hide this in some food.

**Optional:** Using 20 drops of Olive Leaf herb extract or tincture, add a teaspoon of hot water, let cool and then a pinch of slippery elm powder add another 1/4 cup of water stir - making sure it is a runny liquid mix. Then using a small oral syringe (from the pharmacy) put small sip at a time (side of mouth) until 1 ml is taken. Repeat daily or three times daily if acute bladder infection. Double the oral dosing for larger pets.

**Note:** can add a pinch of the acidic vitamin C (for felines only) to this as well.

Did you know a high percentage pet with chronic UTI's have a lack of immunoglobulins, which you can supplement with **nz colostrum powder and ProBiotia 12 Powder** (Seeking Health brand), were both indicated when testing pets on the SCIO feedback machine.

### **The majority of inflammatory diseases start in your gut.**

" ProBiotic 12 Powder" \* 200 Billion CFU's (brand - Seeking Health)  
from Seeking Health website or other websites also sell this.

**It takes 2 months to fully restore gut flora.**

### **NZ Colostrum Powder**

Colostrumhealth 100% pure Colostrum Powder. [www.colostrum.gen.nz](http://www.colostrum.gen.nz) Order on-line.

Feline - Toy dog: Add a pinch of powder or each into every meal given.

Double the amount for larger pets. Just add a pinch of each powder and mixed in well to daily meals.