



HAMPLTM Pet Formulas

Holistic Animal Remedies

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Canine Cushing's Syndrome or Cushing's Disease (hyperadrenocorticism)	
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Naturopathic Suggestion

A natural diet, consisting of raw meats and plenty of vegetables as a healthy alternative for crushing's disease in dogs. There are various diets available that help balance the metabolism to support a normal relationship between the adrenal glands and the rest of the dog's systems. Also, since a build up of corticosteroids ultimately damages your canine crushing's disease stricken dog's immune system, you can get diets consisting mostly of antioxidants to combat tumors and strengthen immune systems with one fell swoop.

Cushing's syndrome "hyperadrenocorticism" is a **common occurrence in middle-aged and older dogs.**

Both **Cushing's syndrome and Cushing's disease** are characterized by the same problem – elevated levels of cortisol in the blood. Cushing's disease, however, is different from Cushing's syndrome, in one aspect. While Cushing's syndrome may refer to high levels of cortisol caused for any reason, Cushing's disease refers particularly to high level of cortisol caused due to a pituitary problem.

The three commonly known causes of Cushing's syndrome are:

Pituitary tumor, Adrenal hyperplasia Iatrogenic (drug-induced), especially steroid use. (a common cause)

Homeopathy is quickly becoming a preferred alternative to conventional treatments for Cushing's syndrome, mainly because pharmaceutical drugs create a more complicated problem than the disease itself in many cases. This occurs mainly due to the serious side effects of conventional medication used to cure Cushing's. Homeopathic remedies, unlike conventional drugs, are devoid of side effects.

Pets that are chronically **over-secreting cortisol** are considered to be **immunosuppressed**. They can develop an infection anywhere in their bodies – wherever there is a weak link. Infections of the gums, eyes, ears, skin and the urinary tract are common.

... See treatments for this using natural medicines alternative to the chemical drugs (antibiotics). Eg. **HAMPL DrawingOut16 drops (teeth, gums infection clearing) with Oral Herbal Mouth Rinse if bleeding gums.**

HAMPL Cystitis formula and HAMPL Herbal Infection Fighter (herbal antibiotics) etc.

If your dog has recurrent infections or an infection he can't seem to get rid of, it's possible too much cortisol is to blame. It's very rare for cats to develop Cushing's.

In the canine population, there are certain breeds that are more genetically predisposed to the disorder including (other than old age dogs):

- All type of Terriers (eg. Silkies, Yorkies, Bull terriers and Boston terriers)
- Poodles
- Dachshunds
- American Eskimo dogs / Spitz

Symptoms of Cushing's

Cortisol is a diverse hormone, which means in excessive amounts it creates a whole host of diverse symptoms.

Most dogs have a few, but not all of the symptoms of the disorder unless diagnosis comes very late in the course of the disease.

The symptoms most commonly seen in dogs with beginning Cushing's include:

- Increased thirst and urination (which can lead to the symptom of incontinence)
- Increased panting (day or night)
- Weight gain in the abdominal area, in spite of a reduction in calories
- Possible thinning of skin and change in the pigment of skin in different areas - from pink to grey or even black; bruising in some cases.
- Hair loss or thinning.
- Irritability or restlessness

(restlessness and poor sleep from night restlessness you can safely give your dog the natural supplement called **Melatonin - hormone**) * See page 3.

MELATONIN 3mg Capsules (brand NOW FOODS) a natural sleep hormone.

Order from www.iherb.com (**DON'T use the liquid Melatonin**)

Typically

a dose of 3 mg (1cap) is given 12hrs twice a day for dogs under 30 lbs;

a dose of 6 mg (2 caps) is given 12hrs (twice a day) for dogs over - 30 lbs.

Open cap and add powder to food or dilute in some goats milk or water and oral syringe it. Use it for no longer than two weeks. Then rest from it. Not really good to give long term ongoing without breaks inbetween.

Melatonin is well absorbed through the saliva, if you can open the capsule and add powder to a little liquid and oral dose half an hour or so before bed time. Better than giving a tablet that needs to go through the gut which is less effective and as it is processed through the liver, best to avoid that.

Many humans take 3mg (more or less) as well for a good night's sleep. If you need to try this ask your doctor to get the compounding pharmacy to make this in type of lozenge called "Troche" can get any flavour desired or liquid form. Starting at a low dose of either 4mg, 3mg or 2mg etc and sometimes you may need less and then other times needing to up the amount.

NB. They are also excellent for Chronic Fatigue patients, sleep apnoea and pets or humans that snore. They person stops snoring and sleep apnea and fatigue person wakes up refreshed like they have had a great nights less. Australian residence will need to see their doctor for a prescription for Melatonin at 4mg. Ask for it in Troche which is best absorbed. A compounding pharmacy will make this for you. You can break the Troches in 1/4s or halves depending on size of pet and requirements.

If needing extra help can also use the AN111 HAMPL Cognitive drops on body.

It will further assist your dog if very agitated, nervous and restless. Quickly assists your dog to relax and sleep well again

AN178 - HAMPL Heat Exhaustion 178 30ml drops (great lassitude, headaches)
These drops is often needed for Cushings patients.

Much less common are symptoms of **rear limb weakness and blood clots**.

Cushing's syndrome is so incredibly diverse because every inch of your pet's body contains cortisol receptors.

Because of this, it is often the immunosuppressive aspect of the disease that prompts the first vet visit.

If, for example, your pet has a **recurrent urinary tract infection** or one that she can't get rid of, along with one or two other symptoms – perhaps thinning skin or a **developing pot bellied appearance**, or **high liver enzymes** (liver disease) you should ask your veterinarian about Cushing's disease as a possible cause.

Then / or Alternatively start natural immune support now and see the difference, as vets often see Cushing's dogs get misdiagnosed as having a liver disease.

As the liver of an animal with hyperadrenocorticism gets overtaxed from trying to process the excess cortisol in circulation throughout the body.

This causes an elevation in the liver enzyme **alanine aminotransferase (ALT)** and the inducible liver enzyme, **alkaline phosphatase (ALP)**.

It isn't uncommon for vets to stop looking once they see the **elevated liver enzymes** and diagnose **liver disease** when the problem is actually Cushing's.

Or some vets may just say their dog is stressed from previous events. But the symptoms are quite clear. Good health can be obtained using a complete support system that will feed the adrenal glands and works assisting the balancing of hormones, supporting endocrine, nervous system and glands naturally and gently.



Holistic Animal Remedies

The problem with diagnosing Cushing's is that often, the initial symptoms (enlarged abdomen, muscle weakness, lethargy) are mistaken for old age. Its chalked up to typical inconveniences of growing old, which is incorrect.

There are many other physical and behavioral signs and symptoms but the below are the most common.

About 85% An increase in drinking, excessive drinking (polydipsia) which can lead to the symptom of incontinence. Increased urination (polyuria) Increase in drinking and urinating. Many animals get misdiagnosed as having a liver disease or just put down to old age. When really they have Cushing's Syndrome, as the liver of an animal with hyperadrenocorticism gets overtaxed from trying to process the excess cortisol in circulation throughout the body. This causes an **elevation in the liver enzyme** alanine aminotransferase (ALT) and the inducible liver enzyme, alkaline phosphatase (ALP). It is uncommon for vets to stop looking once they see the elevated liver enzymes and diagnose liver disease when the problem is actually Cushing's. A complete support system that will feed the adrenal glands and works assisting the balancing of hormones, supporting endocrine, nervous system and glands naturally and gently.

You might notice your dog:

- ~ Is thirstier than usual
- ~ Seems hungrier
- ~ Peees more often; housebroken dogs may have indoor accidents.
- ~ Loses hair or it seems slow to grow
- ~ Gets a pot belly after awhile (*elevated Liver enzymes - poor liver function*)
- ~ Has thinning skin
- ~ Seems very tired and inactive
- ~ Starts to Pant a lot - off and on
- ~ May get skin infections

There are two major types that affect dogs:

1. Pituitary dependent. This form is the most common, affecting about 80% to 90% of the animals who have Cushing's. It happens when there's a tumor in a pea-sized gland at the base of the brain, called the pituitary.

2. Adrenal-dependent. This type comes from a tumor in one of the glands that sit on top of the kidneys, called adrenal glands. About 15% to 20% of diagnosed dogs will have this type.

3. Drug Caused: called iatrogenic Cushing's syndrome, happens after a dog has taken steroids for a long time.

~ If confirmed that your dog has a pituitary growth. **You can request that we add the "HAMPL Pituitary Adenoma (a benign tumor) drops 50ml"**

There is a range of symptoms associated with Cushing's disease.

These and other symptoms may include "any" or "all" of the following: polydipsia (increased thirst), polyuria (frequent urination in large volumes), **alopecia (hair loss)**, **lethargy, enlarged abdomen, panting, muscular weakness and recurring urinary tract infections.**

Homeopathic Remedies to use in conjunction with "Cushings Formulas"

HAMPL Bladder urinary incontinence 80 drops (*bladder incontinence*)

HAMPL Liver Detox 36 drops (*help with liver function, and from high liver enzyme*)

HAMPL Cystitis 14 Formula drops (*bladder infection*)

HAMPL Heat Exhaustion 178 drops (*heat intolerance*)

HAMPL High Blood Pressure 148 100ml (*help balance high blood pressure*)

HAMPL Congestive Heart 22 formula (Set of 3) (*congestive heart failure, old age heart weakness*)

HAMPL Cognitive 111 formula (*brain agitated, nervous and restless, especially when an elderly pet. Quickly assists your dog to relax and sleep well again.*)

See other natural treatments: i.e. Canine skin infections, skin allergies, arthritic conditions etc.

Restlessness in Canines - not sleeping through the night?

Start adding **Magnesium (mineral) glycinate powder** to daily meals. A natural relaxant, and if needed try - **Melatonin 3mg Capsules (NOW FOODS brand)** a natural sleep hormonal. Give your pet the natural hormone supplement called Melatonin 3mg capsules (NOW FOODS brand) order online from **iherb.com** * see Page 2.

Example: open the capsule and mix some powder into goats milk or plain yogurt and oral syringe some at least an hour or so before bed) e.g. 3mg 30lbs dog or 6mg for larger pets.

Avoid the liquid Melatonin as it has now got "Xylitol" as a sweetener. It is safe for use in humans. However, xylitol is extremely toxic to dogs. Even small amounts of xylitol can cause hypoglycemia (low blood sugar), seizures, liver failure.

IN CONCLUSION

Naturopathic Support to use in conjunction with Cushing's Set Homeopathic and Herbal Set of formulas:

The body runs off minerals.

From minerals, enzymes are made. Enzymes activate vitamins.

All diseases are man-made names for mineral imbalances.

- 1. Seaweed** – Provides iodine, selenium, and minerals that support adrenal function, plus antioxidants and Vitamin C. Supports the immune and digestive system. Lowers blood glucose levels. Balances hormones, metabolism and electrolytes. Reduces the effect of stress. May decrease tumor size and prevent cancer. Anti-inflammatory, antibacterial, anti-viral and anti-parasite.
- 2. Activated Charcol Powder** * [See page 7 Instructions](#)
- 3. Apple cider vinegar** – Supports the immune system and hoof health.
- 4. Probiotics** – Support the digestive system in dogs or horses with Cushing's Disease.
- 5. Colostrum** – Extracts from colostrum have a balancing effect on the immune system in pets and humans suffering from a wide range of diseases, including Cushing's Disease. The extracts are commonly referred to as "Transfer Factors".
- 6. Magnesium Glycinate powder or ReMag Magnesium Liquid**
- 8 Melatonin 3mg Capsules (Now Foods brand)** *[See page 2](#)
- 7. Potassium (mineral) Can dilute** Potassium Bicarbonate powder in some water and oral syringe or add to meals or water dish. As they will be losing potassium through excessive drinking and then urination (potassium loss)

Example. **Effects of Cushing's Disease on "Potassium Level"**

The elevation of cortisol level in people with Cushing's disease causes a decrease in the level of potassium, a condition called **hypokalemia**. At high levels, cortisol stimulates the tubules that control the absorption of electrolytes in the kidneys to excrete more potassium into the urine. According to the National Adrenal Diseases Foundation, this happens more often in people who have Cushing's disease because of increased production of ACTH in other places than the pituitary, like a lung tumor.

Symptoms of Low Potassium

Low potassium, or hypokalemia, can also cause muscle weakness, with cramps and twitches, low blood pressure and decreased breathing. Patients can also have paralysis and rhabdomyolysis, or muscle cell breakdown. As the level of potassium decreased, the chances of abnormal heart rhythms increase. These can be as mild as skipped beats or as serious as ventricular fibrillation, an abnormal rhythm that can be fatal.