



HAMPL™ Pet Formulas

Holistic Animal Remedies

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| AN076 (a) Cataract or (b) Glaucoma - Eye Formula Kit (Set of 4) | 11 Pages |
| For all species and ages (and humans). | |
| Last Updated: 12-07-18 | Can re-order individual remedies from set |

Types of medicines - HOMEOPATHIC formulas

Homeopathic Dosing One dose is: liquid formula - pat in 3—4 drops on back of shoulders blades or top of head. Pills formula – crush or 1 whole pill add to meals or in gum of mouth to dissolve in saliva. No need to swallow as remedy is on the outside. ~ Wildlife, feral or farm animals mix in a dose into daily food and water trough (once a week)

Frequency repeat dosing is more important than amount of drops or pill given as one dose:
Refer to: Label on Bottle for suggested repeat dosing.

1(a) Cataract formula or 1(b) Glaucoma formula) with 2. Eye vitamin and 3. Eye Vision.

Types of medicines - HERBAL formula

Herbal Dosing (brown liquid) must be diluted first in some food i.e mash up some plain sardines (buy tins of plain sardines in springwater) (or for felines or toy dog they may like pink salmon) and hand feed. **Eg. Bottle no 4. HAMPL Liver Aid 100ml drops (brown liquid)**

HAMPL Set of 4 Eye formulas natural medicines

1(a). HAMPL Cataract 50ml

* Homeopathic formula **CATARACTS** (young or old), Equine 'Moon Blindness' and 'Blue Eye' Syndrome' common in small animals, Glaucoma, muscular weakness, DRY EYE, P.R.A. (Progressive Retinal Atrophy) eye opacities thrombosis, degeneration of eye muscles, Macular Degeneration MD, Corneal dystrophy.

or

1(b) HAMPL Glaucoma 50ml

* Homeopathic formula GLAUCOMA relief from eye conditions like Glaucoma and degeneration of eye muscles, optic nerve weakness (tunnel vision), Corneal Opacity.
 * this remedy works very quickly. We know the relief as my husband has needed to take it. Relief within a day, and full repair may take up to a week sometimes.

plus

2. HAMPL Eye Vitamin 50ml

* Homeopathic formula. **If there is no improvement in 3 months, there is a systemic cause.**

3. HAMPL Eye Vision 50ml

* Homeopathic formula. **For all eye conditions. May also prevent or treat blindness.**

This remedy is used in conjunction with the above formula's. Since allergic reactions following secondary infection or toxemia is suspected in these conditions. Opacities in the lens is related to the Stomach energies, suggesting in this case also add digestive enzymes to daily meals.

4. HAMPL Liver Aid 100ml Herbal formula -BROWN LIQUID medicines. Eg plain sardines in spring water. (mash and add herbs and hand feed it) Can add the below supplements to the herbal treatment that is given in some plain sardines and hand feed.

Cataracts are a condition that affects the eye.

Cataracts in pets when unable to see clearly can become anxious at night, from a vision disorder like cataracts the retina causing partial vision and cloudiness. Also, reduce the amount of protein (meat) as it raises blood sugars and high blood sugar has an effect on eye health.

There are many types of cataracts.

1. **Incipient cataract** also called an immature cataract, is an incomplete, or partial cataract. With incipient cataracts, the lens of the eye is only "slightly opaque", with a clear cortex.
2. **Nuclear sclerosis**, which is also called lenticular sclerosis, is a condition that causes the pupils of the eyes to take on a "cloudy bluish-gray" appearance.

Many owners of older pets assume the problem is **cataracts**. And while cataracts are a relatively common symptom in aging dogs and cats, nuclear sclerosis is even more prevalent. The condition is also seen in humans and horses.

Unlike cataracts, "nuclear sclerosis" doesn't - seriously affect vision.

And if your pet has nuclear sclerosis, it doesn't mean she/he will automatically also develop cataracts. However, if you notice your pet's eyes taking on a different color. The most important thing you can do for a pet with **nuclear sclerosis** is slow down age-related changes. Keep your pet in good physical condition and at a healthy weight (commercial dog biscuits are high in calories).

Don't allow your pet to be over-vaccinated (boosters are totally unnecessary) or give unnecessary medications such as pest preventives or other toxic drugs. Look for natural alternatives.

Try to keep your pet in a "green" environment by eliminating toxic household cleaners and chemical-laden shampoos.

GLUCOMA Eye Condition (fluid build up)

Glaucoma is the condition of increased pressure in the eye. Eye pressure is normally regulated by fluid flowing into and out of the eye at a balanced rate. If too much fluid is made or too little fluid is drained, the pressure in the eye increases, causing damage to the retina and optic nerve. Glaucoma can be painful and approximately 40 percent of cases lead to blindness within one year. If treatment is not started within hours of pressure increase, vision will likely be lost. Glaucoma is the elevation of pressure inside the eye, known as intraocular pressure (IOP) beyond a specific point at which vision is compromised or is no longer possible. Glaucoma is a frequent cause of blindness in both humans and animals.

Symptoms of Glaucoma in Dogs

Symptoms of glaucoma should be treated as an emergency as vision can be lost within hours of disease signs. Glaucoma usually begins in one eye. 50 percent of cases spread to the other eye if left untreated.

Symptoms may include one or more of the following:

- Pupils of eyes different sizes
- Mild to severe eye pain (rubbing eye on the floor or with paw)
- Appearance of vessels in the white of the eye
- Redness of the eye
- Cloudy cornea
- Fluttering eye lid
- Squinting Tearing
- Appetite loss and anti-social behavior (due to pain)
- Light avoidance
- Weak blink response
- No response of pupil to light
- Vision problems (bumping into objects, difficulty finding toys, walking gingerly)
- Bulging swollen eye

Types

There are two forms of glaucoma in dogs:

Primary Glaucoma – The fluid flow rate into or out of the eye is abnormal resulting in an increase in eye pressure.

Secondary Glaucoma – A separate condition causes intraocular fluid drainage to be slowed or blocked, resulting in increased pressure. Twice as common as primary glaucoma.

As irreversible eye damage and vision loss can occur, if any one of the symptoms are noted, visit your veterinarian immediately. Your vet will want to know onset of symptoms and any history of trauma or behavioral patterns associated with pain or vision loss.

He will perform an ophthalmologic exam and may choose to treat your pet in the clinic or may refer you to veterinary ophthalmologist. Tonometry Intraocular pressure is measured with a tonometer. A drop of anesthetic may be put on the eye first. One type of tonometer blows a puff of air on the eye and measures the indentation. Another type presses a small

plastic disk against the eyeball to measure pressure. The Mueller method uses an electronic tonometer. In sudden glaucoma, the pupil has a sluggish response to light, the blink response is weak or absent, the cornea is swollen or cloudy, the eye is red, inflamed and tearing, and the pet may be squinting. In chronic glaucoma, the pupil has no response to light and the blink response is absent. The cornea is cloudy and the eye is red and inflamed. Tearing is possible and vessels are seen on the cornea. The eye is often enlarged. X-ray Your veterinarian may want to rule out the presence of an eye abscess, injury or tumor. An x-ray or ultrasound will allow the space around the eye to be visualized.

Treatment of Glaucoma in Dogs

Glaucoma drug medications can help delay progression and provide comfort, but most pets lose vision in one or both eyes within two years without surgery.

Reference: <https://wagwalking.com/condition/glaucoma>

Corneal dystrophy, this is an inherited progressive condition which affects both eyes, often in the same way. The cornea, the clear outer layer of the front of the eye, is most affected. This disease is not associated with other diseases, and is relatively common in dogs. There are three types of corneal dystrophy, categorized by location: epithelial corneal dystrophy, where cell formation is affected; stromal corneal dystrophy, where the cornea will become cloudy; and endothelial corneal dystrophy, where the cells of the lining of the cornea are affected.

The cornea is made up of five distinct layers:

1. The Epithelium - the outermost, protective layer of the cornea.
2. The Bowman's membrane - this second layer is extremely tough and difficult to penetrate further protecting the eye
3. The Stroma - the thickest layer of the cornea, consisting of water, collagen fibers and other connective tissue components that give the cornea its strength, elasticity and clarity.
4. Descemet's Layer - a thin, strong inner layer that also acts as a protective layer.

The Endothelium - the innermost layer consisting of specialized cells that pump excess water out of the cornea.

However, with many or all cases we have provided the Glaucoma Naturopathic remedies to, have recovered quickly and resolve any further loss of vision or detachment of the retina and fluid build up is no longer an issue.

IMPORTANCE OF DIET

Your pet has “no biological requirement” for grains or most other carbs (which are refined sugars)

A study into popular vet recommend dry kibble for dogs and cat showed as much as 56-58 % of carbohydrates – sugars.

Excess refined sugar leads along with too much protein leads to diabetes, cataracts, obesity, heart disease, cancer....

Eye Health Issues are thought to be due to the high amount so sugar the blood.

CANINES

Dogs are CARNIVORES, they are capable of eating certain fruits and vegetables too, with limit meat (protein). As like us humans we need to more alkaline (less meat which is high acidic).

Omit ALL artificial foods (which ALL are high carb foods and harmful chemicals) .

E.g. Hills Prescription Kibbles are* 56-58% carbs (refined sugars).

If already on a raw or cooked meat diet, we need to reduce the amount of protein (meat). Excessive protein in meats (is too acidic) it also raises blood sugars and high blood sugar.

FELINES

Cats, are obligate carnivores (meaning Obligate means "by necessity)

Feeding a high-quality protein of “fresh” meat - white and red. Which is not commercial cat food. **E.g. Hills Prescription Kibbles are* 56-58% carbs (refined sugars).**

Cats are even more sensitive to Carbohydrates (refined sugars in commercial dry kibble) than dogs are.

However, cats need a more acidic diet than humans and canines.

Zinc (mineral) supplement

How important is Zinc?

Very important ..If you cat, kitten, puppy or dog have some or many of the below issues then now is the time to add some Zinc into daily meals.

RESPIRATORY - Mouth ulcers, diarrhea, low immunity, chlamydia bacterial infection (internally or eyes), sinus or flu, bronchitis, emaciation, vomiting, debility, poor health in general, retarded growth, and tendencies to have allergies, abscess type sores, or little scabs here and there, slow healing sores and recovery from illness, prostate problems in older canines.

ALLERGIES - tendencies to have allergy reactions to foods, grass or other inhalants etc

EYES - conjunctivitis or corneal inflammation

SKIN - Mange (skin mites), ringworm, unhealthy looking skin, dry skin poor coat, skin sores, skin allergies issues, extra zinc is required until skin is healing and good health has resumed. Then reduce to zinc a couple times a week for a little longer.

BACTERIAL INFECTION- e.g. **Chlamydia bacterial infection** is usually harmless unless you or your pet are Zinc (mineral) deficient. As this infection seems a common occurrences with infant kittens and teenager cats, this would be pointing the fact that this maybe a common deficiency amongst our feline friends.

Especially the malnutrition cats and kittens that have had a lot of stress – breeders, rescue centers and other life saving pet rescue groups. This mineral helps in fighting off infections and also helps in the production of cells in the body. It boosts the body's immunity and helps to heal wounds and injuries faster. It helps the kitten or puppy to grow. e.g. runt of the litter. E.g. **Malnutrition mum and kittens, frequent infections, and appetite and weight loss.**

Prolonged deficiency then starts to show more serious signs.

In the skin, deficiency causes a disruption to normal cell division, and the skin becomes dry and flaky. As it progresses, the skin can become grossly thickened and scaly looking (hyperkeratosis), similar to human psoriasis. Hair growth is also retarded, and eventually hair-loss spreads over the body (alopecia). In conjunction with the skin changes, the entire animal's immune system is severely depressed, and secondary bacterial skin infections and pustular dermatoses occur, along with increased susceptibility to all manner of bacterial and viral infections. Poor wound healing is also a notable sign, as is damaged and brittle nails, and thickened and crusty nasal pads and digital pads.

Deficiency of zinc during pregnancy and foetal development can lead to severe growth retardation, limb abnormalities, swollen joints, and poor skeletal formation. Brain development is retarded, and learning and cognitive functions are inhibited.

Long term deficiency can result in premature ageing, senility (cognitive), vision loss (especially night blindness), and hearing loss.

RESCUED KITTENS living in the city

However, cats and kittens who lived in the city and had to survive by eat old contaminated scraps of food with no protein (without protein cats and kittens will not survive or thrive – lack of taurine in protein is critical).

Taurine deficiencies - Shortness of breath, Loss of appetite, Lethargy, Poor vision- blindness, Rough looking coat, Dental problems, Poor growth. Felines need to eat quality protein (fresh meat) will need to be supplement with minerals. All dry foods aren't because they often rely on plant-based sources to comprise much of the protein in the food. In foods that have primarily plant-based protein sources, a chemically derived taurine supplement.

We have found this through experiences, many are deficient in vital minerals to help them grow and stay healthy. If you are a rescue shelter or have a rescued kitty or cat, then look into supplementing your cat or kittens diet, even though they may be getting a fresh meat diet now, it will help, but they need that extra support with this mineral now.

Types of Zinc Supplements

There are several types of zinc supplements, some better than others, that can be purchased most anywhere. **Some types of zinc supplements include:** Zinc sulphate (which can cause stomach irritation), Zinc chelate Amino acid (which may be a little expensive), Zinc gluconate (which is a good type). **Some types of zinc that are best absorbed include:** zinc citrate capsules, zinc acetate capsules, zinc picolinate capsules, zinc orotate capsules.

* We recommend and use the **Thorne Research brand- Zinc Piconate 30mg Capsules.**

DOSAGE - SUGGESTED THERAPEUTIC DOSING

Kitten, Teenager, Cat - Open capsule and mix in ¼ of the powder into a kitten's meal twice a day. Or, if, say you are feeding say 4 kittens in the one bowl add 1 full powder of the capsule.

Puppy - Add ½ capsules of powder to meals twice a day. Adult dog- Add 1 capsules of powder to meals twice a day. There seems to be a pattern I have noticed with rescue groups and kittens, they have symptoms of mineral deficiencies.

Zinc deficiency - affects many other hormones, and can be involved in hypothyroidism, diabetes, and dwarfism. Its effect on suppressing the immune system has also been documented to prove that it makes animals more susceptible to developing a large range of degenerative diseases, including cancer.

The first, and most easily missed, sign of zinc deficiency is reduced appetite and gradual weight loss.

During early post-natal development, the puppy's immature immune system begins forming from bone marrow tissue. These immature immune cells leave the bone marrow and migrate to the Thymus gland, where they are "educated" to become mature immune cells (called thymic cells or "T" cells). These T cells are responsible for a significant part of the immune system, and are able to differentiate between normal body cells and "foreign" cells (i.e bacteria, viruses, fungi, and cancer cells). The T cells are critical to normal immune function (these are the cells destroyed by the HIV virus leading to immune failure). Zinc is essential for the growth and development of the thymus gland, and for the proliferation and "education" of T cells.

Arginine and Taurine cats cannot live without.

Deficiency of Amino Acid Taurine in Cats.

This particular **Amino acids** are building blocks for proteins and essential to the proper functioning of most of the body systems. ... Lack of this **amino acid** results in severe health repercussions, such as **blindness** and tooth decay, amongst other things.

For example: a host of **metabolic and clinical problems**, including feline central retinal degeneration and blindness, deafness, cardiomyopathy and heart failure, inadequate immune response, poor neonatal growth, reproductive failure, and congenital defects.

Unlike Arginine, a taurine deficiency usually takes some time to develop. Symptoms can take 4- 5 months or more to appear. This essential amino acid is only found in foods of animal origin, such as meat, egg yolk and fish.

STUDIES on Taurine content in foods [1989]

Pasantes-Morales, H. (Universidad Nacional Autonoma de Mexico, Mexico) Quesada, O. Alcocer, L. Olea, R.S.

Abstract - The tested to see the taurine content of foods like ... fruits, vegetables, seeds, nuts, cereals, meat, seafood, and dairy products was examined in this study.

Results Show

1. The **highest concentration of taurine** was found in **clams and octopus** (41.4 micromoles/g and 31.2 micromoles/g).
 2. Followed by **shrimp and fish** (12.4 micromoles/g and 9.1 micromoles/g).
 3. **Taurine concentration in chicken leg** was 6.6 micromoles/g and in **chicken breast** was only 1.4 micromoles/g.
 - then 4. **Beef, pork and lamb meat** contain taurine in concentrations ranging 3.5-4.0 micromoles/g.
- No taurine** was found either in hen eggs (yolk or white) or in dairy products or in honey. Taurine was undetectable in fruits and vegetables.
- ~ **Shellfish** – Excellent sources of Taurine, with high levels in clams, scallops, krill and shrimp.
 - ~ **Fish** – Cold water fish such as sardines or salmon are excellent, natural sources of Taurine that cat's love.
 - ~ **Meat** – All meat contains Taurine, however - "dark poultry" meat being one of the best sources e.g chicken legs.
 - Natural Taurine supplements suitable for cats – Fresh or low-temperature dried seaweed, freeze-dried krill or shrimp. Our cat is fed both freeze-dried krill and a seaweed/algae mix on a regular basis.
 - High amounts of taurine can also be found in the **dark meat of turkey and chicken**, cow's milk. Taurine is one of the most important **essential amino acids** for the proper functioning of a cat's heart muscle, vision, digestive and reproductive system. Unlike other mammals, cats do need this amino acid to be present in their organism. Unfortunately, cats **cannot synthesize sufficient amounts of taurine** from other amino acids for their body to properly function. Taurine deficiency can be detrimental to your cat's health and cause blindness, heart or growth problems as well as deficiencies of the nervous system.



Deficiency in Arginine can bring death within 3-4 days.

* Foods that has arginine **Turkey**. You'll find the highest amount of arginine in **turkey breast, then next is Chicken, Spirulina. Dairy.**

A Taurine and Arginine Supplement for Cats.

Life Extension, Cat Mix, Advanced Multi-Nutrient Formula, 3.52 oz (100 g)

This supplement has "acidic" synthetic vitamin C, so I don't recommend it a long term supplement.

But it could be very helpful initially for assisting malnutrition kittens and cats (even when they look fine initially) as they grow or added stresses for teenagers or adult cats, they will still need this initial support, so they can hold their own and not keep having re occurring or chronic viral infections and skin and eye issues etc.

EYE CONDITIONS

Cornel opacity, melting ulcer, cataracts, conjunctiva conditions. It is also providing a fast results from acute pain and inflammation (inflammation is an over acidic system) within the first day of dosing drops on body. Reduction of red and swollen eyes, along with the needed final repair of clearing scar tissue, opacity of the cornea, tissue repair, calcereas deposits, reabsorb fibrotic conditions. Research has shown that certain minerals, amino acids and vitamin deficiencies have cause eye health degenerative conditions. As homeopathic medicines are less effective if nutritionally depleted. Heavy metal toxins can also block nutrition from being absorbed. Ie vaccinations.

Deficiencies of:

Amino acids

~ **L-Taurine**

Minerals

~ **Zinc deficiency**

* Give ¼ recommended adult dose in meals of recommended adult dose for small pets. Eg a pinch and 2 – 3 drops of cod liver oil. Give ½ recommend adult dos for med size pets. NB. Capsules are better than tablets. As you can open the capsules and powder into meals.

IMPORTANT: We find that if you have (pet or human) has heavy metal and/or mercury poisons in body this can block vital minerals and vitamins being absorbed into the body. (This has happened to me). So see the Chlorella drops (link below) as well for detoxing. (avoid further vaccinations- heavy metal poisons) Use safe alternatives, or non, as one lasts a life time in the body.

Zinc picolinate powder, 30 milligrams twice daily. (from capsules)

The **Amino Acid L-Taurine** is found in very high concentrations in the **retina of the eye.** (It's available in most natural food stores in 500 milligram size)

CATS - KITTENS need taurine to survive.

Feline, toy dog: open capsule and add half the powder twice to three times a day in some food.

Small to med dog. Open a cap and use powder once daily in meals

Larger pets and humans: add the powder of 2 caps twice a day.



Importance of good "stomach acid enzyme".

For animals and humans use the powder from capsules and add to meals.

"Super Enzyme" capsules NOW FOODS brand. * Available from iherb.com

Large Pets: Add the powder from 1 capsule in every protein meal.

Small to Med size dog: Add the powder from 1/2 capsule in every protein meal.

Small animal, toy dog or feline: Add 1/4 the powder from 1 capsule in every protein meal

Dietary Supplement

A dietary enzyme food supplement: **Breaks down Fats, Carb & Protein.**

Ingredients: Betaine HCl (stomach acid enzyme), Ox Bile Extract, Papaya Fruit Powder, Pancreatin 10, Amylase, Protease, Lipase, Bromelian, Papain.

Very frequently, in fact almost always, individuals (pets or human) with **Macular degeneration or Cataracts** (have a poor digestive function).

Having Low stomach acid can lead to malabsorption of nutrients from foods and can create more free radicals. In addition, (toxic metals such as cadmium, mercury, and others) have stomachs which don't make adequate hydrochloric acid and pepsin to digest their meals properly.

Many of us (and our pets) do not make any hydrochloric acid (stomach acid enzyme) at all! Without hydrochloric acid and pepsin, protein isn't broken down into amino acid as well as it should be and minerals aren't separated from the food as well as they could be, either. Technically, this problem is called "**gastric hypochlorhydria**", for inadequate production of stomach acid. Even if we have acid reflux or ulcers internally our stomach acid is still too low. Unfortunately, most "mainstream" medical practitioners, including nearly all gastroenterologists, deny that gastric hypochlorhydria is a problem.

Another problem with digestion and assimilation of nutrients common to those with macular degeneration (or cataracts) is insufficiency of pancreatic digestive enzymes. Once again, "mainstream" medical doctors usually don't look for this problem, or dismiss it as infrequent.

Occasionally, supplemental quantities of bile salts can be useful, especially for those who've had their gallbladders removed surgically.