

APOCAPS® CX Apoptogen Formula

FAQ's For Dog Lovers

This is a summary sheet of information and is not designed to replace advice from your veterinarian. Talk to your veterinarian before the use of any product or treatment for your dog.

What are Apocaps®?

Apocaps® are capsules that contain a blend of apoptogens and other healthful ingredients. Apoptogens have been shown to support the normal turnover of deranged cells to help build new, healthy cells. Apocaps® are designed to support good life quality in dogs. Apocaps® are made for dogs receiving regular veterinary care.

What results have been seen with Apocaps®?

Life quality increases have been seen in the majority of dogs using Apocaps®, in some cases within a week of starting. In some dogs, the effects are slower, taking up to 3-4 weeks. Increased vitality, activity and vigor are common results of Apocaps® use.

Which dogs should not use Apocaps®?

Dogs with allergic reactions to Apocaps® or to ingredients in Apocaps®.

Dogs experiencing vomiting or diarrhea.

Dogs less than 5 pounds should not use this size Apocaps® capsules.

Safety has not been established for use in pregnant, nursing or breeding dogs.

Consult with your veterinarian before any change to your dog's health care.

Can I give Apocaps® to other animals or people?

While Apocaps® is made from all human-grade ingredients; it is designed for and should only be given to dogs. Keep out of reach of children. Call a physician promptly if you take Apocaps® accidentally.

How do I give Apocaps®?

Apocaps® should be given with a very small amount of food, preferably less than 1-2 tablespoons, to minimize rare cases of digestive upset.

What about any side effects?

Side effects with the use of this product are extremely rare. Call your veterinarian if you see the following: Vomiting, diarrhea, loss of appetite, dark tarry stools, changes in activity level, change in urination (frequency, amount, or color), changes in drinking (increase or decrease), skin changes (redness, hives, itching or scratching), unexpected weight loss, or any other problems.

Can I give Apocaps® with other medications or treatments?

Consult with your veterinarian before making any changes in your dog's medical care, including the use of this product.

What should I do if my dog eats more than the recommended amount of Apocaps®?

Consult your veterinarian immediately if your dog eats more than the recommended amount of Apocaps®.

For technical assistance or to report suspected adverse reactions,

call 808-298-5252 or 888-936-4226

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APOCAPS® CX Apoptogen Formula

FAQ's for Veterinarians

This is a summary sheet to familiarize veterinarians with the use of Apocaps® in dogs.

What are Apocaps®?

Apocaps® capsules are sources of *apoptogens*. Apoptogens are substances that have been shown to induce *apoptosis* and are commonly found in plants and fungi. Apoptosis is a normal function defined as genetically programmed cell death. Apoptosis ideally occurs in cells that are aged, damaged, infected, or deranged in vivo. Post-apoptotic cellular materials are, in part, recycled and used in new cell production. Apoptosis induction is indicated in *apoptosis deficiency states* to help promote optimal health. Apoptogens can help support normal apoptosis levels. Nutriment in Apocaps® also can help support normal hepatic, orthopedic and immune functions. Note that, although the polyphenols in Apocaps® are often referred to as antioxidants, the levels and delivery mechanism in Apocaps® create *pro-oxidant* instead of antioxidant effects. This is one of the pathways to apoptosis induction.

What results have been seen with Apocaps® use in dogs?

Active ingredients in Apocaps® have been shown in vitro, and in some cases in vivo, to partially inhibit COX and LOX enzyme systems, angiogenesis, and mitosis, in addition to promoting normal apoptosis levels. Life quality effects have been seen within a week of use, although in some dogs the effects are more gradual, taking up to 3-4 weeks. Owners have reported life quality effects such as enhanced activity and energy levels, and increased desire to ambulate.

Which dogs should not use Apocaps®?

Use in dogs with allergic reactions to components in Apocaps® should be avoided. Due to in vitro COX and LOX inhibition by Apocaps® components, Apocaps® should be avoided or used with caution in cases of hepatopathy, nephropathy, coagulopathy, vomiting, diarrhea, or gastrointestinal ulceration similar to NSAIDS, although the effects of Apocaps® in this regard appear to be milder than pharmaceutical NSAIDS. Concurrent use of pharmaceutical NSAIDS or corticosteroid drugs should be avoided or used only with caution at reduced doses. Use in anorexic dogs should be avoided to prevent otherwise rare cases of vomiting or diarrhea. Dogs less than 5 pounds should not use Apocaps® of this strength. Safety has not been established for use in pregnant, nursing or breeding dogs, and use in these cases should be avoided. Safety has not been established for use in diabetic dogs or in dogs less than 6 months of age, and use in these cases should be avoided as well.

Use of Apocaps® in other species

Apocaps® should not be used for cats or other non-canine species.

Administration

Apocaps® should be given with a very small amount of food, preferably less than 1-2 tablespoons. Competitive absorption inhibition by dietary bioflavonoids can interfere with bioavailability. A small amount of food is suggested to help minimize digestive upset.

Can Apocaps® be used with other medications or treatments?

Concurrent use of Apocaps® with NSAIDS or corticosteroids should be avoided, or used with caution at reduced doses. Some of the ingredients in Apocaps® have been shown to enhance the effects of chemotherapy and radiation. Apocaps® administration should be stopped 3 or more days before surgery but may be resumed after healing is complete.

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