

# Tylosin

(*tye-loe-sin*)

**Category:** Macrolide Antibiotic

**Other Names for this Medication:** Tylan®

**Common Dosage Forms: Veterinary:** Tylosin tartrate powder: approximately 2.6 grams per level teaspoonful in 100 gram bottles. There are also injections and combination products approved for animals that contain tylosin, but these forms are usually only used in food animals. **Human:** None.

This information sheet does not contain all available information for this medication. It is to help answer commonly asked questions and help you give the medication safely and effectively to your animal. If you have other questions or need more information about this medication, contact your veterinarian or pharmacist.

## Key Information

- ▶ Most commonly used in dogs and cats to treat diarrhea and intestinal inflammation; may be used for respiratory infections in birds (including chickens) and reptiles.
- ▶ Do not give to horses or ponies.
- ▶ Oral doses may be given with or without food. Give tylosin with food if vomiting occurs.
- ▶ Powder has a very bitter taste. Placing the dose of powder in an empty gelatin capsule may be better accepted.

## How is this medication useful?

The FDA (U.S. Food & Drug Administration) has approved this drug for use in treating infections in dogs, cats, turkeys, chickens, cattle, pigs, and honeybees. The oral powder approved for turkeys, chickens, and pigs is most commonly used in companion animals (pets) to treat inflammatory bowel disease and in treating feline infectious peritonitis (FIP). You and your veterinarian can discuss why this drug is the most appropriate choice.

## What should I tell my veterinarian to see if this medication can be safely given?

Many things might affect how well this drug will work in your animal. Be sure to discuss the following with your veterinarian so together you can make the best treatment decisions.

- ▶ Other drugs your pet is taking can interact with tylosin, so be sure to tell your veterinarian and pharmacist what medications (including vitamins, supplements, or herbal therapies) you give your animal, including the amount and time you give each.
- ▶ Tell your veterinarian about any conditions or diseases your pet may have now or has had in the past.
- ▶ If your animal has been treated for the same disease or condition in the past, tell your veterinarian about the treatment and how well it did or didn't work.
- ▶ If your animal is pregnant or nursing, talk to your veterinarian about the risks of using this drug.
- ▶ Tell your veterinarian and pharmacist about any medication side effects (including allergic reactions, lack of appetite, diarrhea, itching, hair loss) your pet has developed in the past.

## When should this medication not be used or be used very carefully?

No drug is 100% safe in all patients, but your veterinarian will discuss with you any specific concerns about using this drug in your animal.

This drug **SHOULD NOT** be used in:

- ▶ Animals allergic to it or drugs like it (eg, erythromycin, azithromycin).
- ▶ Horses or ponies.

This drug should be used **WITH CAUTION** in:

- ▶ Rabbits, guinea pigs, sheep, goats, deer, or other ruminants and select small mammals.
- ▶ Animals that are taking the medication digoxin.

If your pet has any of these conditions or signs, talk to your veterinarian about the potential risks versus benefits.

## What are the side effects of this medication?

### **Side effects that usually are not serious include:**

- ▶ Loose stools, mild diarrhea, and stomach upset.

You don't have to be overly concerned if you see any of these unless they are severe, worsen, or continue to be a problem. Contact your veterinarian if this happens.

### **Side effects that may be serious or indicate a serious problem:**

- ▶ Bloody diarrhea.
- ▶ Severe diarrhea that causes protrusion of the anus, especially in pigs.

If you see any of these, contact your veterinarian immediately.

## If my pet gets too much of this medication (an overdose), what should I do?

Tylosin is relatively safe in most overdose situations. If you witness or suspect an overdose, contact your veterinarian or an animal poison control center for further advice. Animal poison control centers that are open 24 hours a day include: **Pet Poison HELPLINE** (855-764-7661) and **ASPCA Animal Poison Control Center** (888-426-4435); a consultation fee is charged for these services.

## How should this medication be given?

For this medication to work, give it exactly as your veterinarian has prescribed. It's a good idea to always check the prescription label to be sure you are giving the drug correctly.

- ▶ The drug may be given either with food or on an empty stomach. If your pet vomits or acts sick after receiving the drug on an empty stomach, try giving the next dose with food or a small treat. If vomiting continues, contact your veterinarian.
- ▶ Tylosin powder has an extremely bitter taste. Placing the dose of powder in an empty gelatin capsule or cold butter may help your animal take it better. Liquids made from mixing the powder in water should be thrown out after 3 days and a new solution made up.

- ▶ Liquid forms of this medication must be measured carefully. Your veterinarian or pharmacist can help by providing special measuring spoons or syringes.
- ▶ If you have difficulty getting your animal to take the medicine, contact your veterinarian or pharmacist for tips to help with dosing and reducing the stress of medication time.
- ▶ This medication can be given for various lengths of time. Be sure you understand how long your veterinarian wants you to continue giving this medication. Prescription refills may be necessary before the therapy will be complete. Before stopping this medication, talk to your veterinarian, as there may be important reasons to continue its use.

#### **What should I do if I miss giving a dose of this medication?**

If you miss a dose, give it when you remember, but if it is close to the time for the next dose, skip the dose you missed and give it at the next scheduled time. After that, return to the regular dosing schedule. Do not double-up or give extra doses.

#### **How should I store this medication?**

- ▶ Store this medication in the original prescription bottle or an approved dosage reminder container (ie, pill minder) at room temperature and protected from light.
- ▶ Keep lids tightly closed on tylosin powder to protect from moisture. After mixing, the liquid solution should be thrown out after 3 days.
- ▶ If your veterinarian or pharmacist has made (compounded) a special formulation for your animal, follow the storage recommendations and expiration date for the product.
- ▶ Keep away from children and other animals.

#### **Can handling this medication be hazardous to me, my family, or other pets?**

There are no specific precautions required when handling this medication unless you are allergic to it. Wash your hands after handling any medication.

#### **How should I dispose of this medication if I don't use it all?**

- ▶ Do not flush this medication down the toilet or wash it down the sink. If a community drug "take-back" program is available, use this option. If there is no take-back program, mix the drug with coffee grounds or cat litter (to make it undesirable to children and animals and unrecognizable to people who might go through your trash), place the mixture in a sealable plastic bag to keep it from leaking out, and throw the bag out with the regular trash.
- ▶ Do not save left over medication for future use or give it to others to use.

#### **What other information is important for this medication?**

- ▶ Use of this drug may not be allowed in certain animal competitions. Check rules and regulations before entering your animal in a competition while this medication is being administered.

**If you have any other questions or concerns about this medication, contact your veterinarian or pharmacist.**