

# amoxi drop

## (amoxicillin for oral suspension), USP

For veterinary oral suspension

For use in dogs and cats

**CAUTION:** Federal law restricts this drug to use by or on the order of a licensed veterinarian.

**DESCRIPTION:** Amoxi-Drop (amoxicillin for oral suspension), USP is a semisynthetic antibiotic with a broad spectrum of activity. It provides bactericidal activity against a wide range of common gram-positive and gram-negative pathogens. Chemically, it is D(-)- $\alpha$ -amino-p-hydroxybenzyl penicillin trihydrate.

**CLINICAL PHARMACOLOGY:** Amoxi-Drop is stable in the presence of gastric acid and may be given without regard to meals. It is rapidly absorbed after oral administration. It diffuses readily into most body tissues and fluids with the exception of brain and spinal fluid, except when meninges are inflamed. Most of the amoxicillin is excreted unchanged in the urine.

Amoxicillin is similar to ampicillin in its bactericidal action against susceptible organisms. It acts through the inhibition of biosynthesis of cell wall mucopeptide. *In vitro* and/or *in vivo* studies have demonstrated the susceptibility of most strains of the following gram-positive and gram-negative bacteria:  $\alpha$ - and  $\beta$ -haemolytic streptococci, nonpenicillinase-producing staphylococci, *Streptococcus faecalis*, *Escherichia coli*, and *Proteus mirabilis*. Because it does not resist destruction by penicillinase, it is not effective against penicillinase-producing bacteria, particularly resistant staphylococci. All strains of *Pseudomonas* and most strains of *Klebsiella* and *Enterobacter* are resistant.

### INDICATIONS AND USAGE

**Dogs:** Amoxi-Drop is indicated in the treatment of susceptible strains of the organisms causing the following infections:

Respiratory tract infections (tonsillitis, tracheobronchitis) due to *Staphylococcus aureus*, *Streptococcus* spp., *E. coli*, and *Proteus mirabilis*.

Genitourinary tract infections (cystitis) due to *Staphylococcus aureus*, *Streptococcus* spp., *E. coli*, and *Proteus mirabilis*.

Gastrointestinal tract infections (bacterial gastroenteritis) due to *Staphylococcus aureus*, *Streptococcus* spp., *E. coli*, and *Proteus mirabilis*.

Bacterial dermatitis due to *Staphylococcus aureus*, *Streptococcus* spp., and *Proteus mirabilis*. Soft tissue infections (abscesses, lacerations, and wounds) due to *Staphylococcus aureus*, *Streptococcus* spp., *E. coli*, and *Proteus mirabilis*.

**Cats:** Amoxi-Drop is indicated in the treatment of susceptible strains of the organisms causing the following infections:

Upper respiratory tract infections due to *Staphylococcus aureus*, *Staphylococcus* spp., *Streptococcus* spp., *Haemophilus* spp., *E. coli*, *Pasteurella* spp., and *Proteus mirabilis*.

Genitourinary tract infections (cystitis) due to *Staphylococcus aureus*, *Streptococcus* spp., *E. coli*, *Proteus mirabilis*, and *Corynebacterium* spp.

Gastrointestinal tract infections due to *E. coli*, *Proteus* spp., *Staphylococcus* spp., and *Streptococcus* spp.

Skin and soft tissue infections (abscesses, lacerations, and wounds) due to *Staphylococcus aureus*, *Staphylococcus* spp., *Streptococcus* spp., *E. coli*, and *Pasteurella multocida*.

**CONTRAINDICATIONS:** The use of this drug is contraindicated in animals with a history of an allergic reaction to penicillin.

**WARNINGS:** For use in dogs and cats only. Not for use in animals which are raised for food production.

**ADVERSE REACTIONS:** Amoxicillin is a semisynthetic penicillin and has the potential for producing allergic reactions. If an allergic reaction occurs, administer epinephrine and/or steroids.

### DOSAGE AND ADMINISTRATION:

**Dogs:** The recommended dosage is 5 mg/lb of body weight. Administer twice daily for 5–7 days. Continue for 48 hours after all symptoms have subsided.

**Cats:** The recommended dosage is 50 mg (5–10 mg/lb). Administer once daily for 5–7 days. Continue for 48 hours after all symptoms have subsided.

**Directions for Mixing Oral Suspension:** Add required amount of water (see following table) to the bottle and shake vigorously. Each mL of suspension will contain 50 mg of amoxicillin as the trihydrate.

Bottle Size	Amount of Water Required for Reconstitution
15 mL	12 mL
30 mL	23 mL

**Note:** Any unused portion of the reconstituted suspension must be discarded after 14 days. After mixing, refrigeration preferable, but not required.

**Do Not Store Dry Powder at Temperatures Above 25°C (77°F)**

**HOW SUPPLIED:** Amoxi-Drop is supplied in 15-mL bottles containing 0.75 g and 30-mL bottles containing 1.5 g of amoxicillin activity. When reconstituted with required amount of water, each mL contains 50 mg of amoxicillin as the trihydrate.

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