

For the use only of a Registered Veterinary Practitioner or a Hospital or a Laboratory or a Farm.

Amoxicillin & Clavulanate Potassium Tablets USP

Clavpet[®] 500

Antibiotic Therapy



COMPOSITION:

Each uncoated chewable tablet contains:
Amoxicillin Trihydrate USP equivalent to Amoxicillin.....400 mg
Clavulanate Potassium USP equivalent to Clavulanic Acid...100 mg
Colour : Erythrosine

INDICATIONS:

Dogs:

- Skin infections (wounds, abscesses, cellulitis).
- Periodontal infections due to aerobic and anaerobic bacteria.

Cats:

- Skin infections (e.g., wounds, abscesses, and cellulitis/dermatitis).
- Urinary tract infections (e.g., cystitis due to susceptible strains of E. coli).

DOSAGE AND ADMINISTRATION:

Dosage

- The recommended dosage: 12.5 mg/kg of body weight twice daily.
- The treatment of skin & soft tissue infections & periodontal infection is 5-7 days for 48-hours after all symptoms disappeared. If there is no improvement seen after 5-days of treatment, therapy should be stopped & case is re determined.
- Duration for pyoderma is 21-days. Treatment should not exceed 30-days.

Administration : Oral. It can be mixed with the food. Tablets can be divided to adjust doses.

TARGET SPECIES: Dogs & Cats.

PHARMACODYNAMIC PROPERTIES:

Pharmacotherapeutic group: Anti-infective for systemic use; amoxicillin and enzyme inhibitor.
ATCvet code: QJ01CR02

PHARMACODYNAMICS:

Amoxicillin is an aminopenicillin from the β -lactam penicillin family which prevents the bacterial cell wall formation by interfering with the final step of peptidoglycan synthesis. Clavulanic acid is an irreversible inhibitor of intracellular and extracellular β -lactamases which protects amoxicillin from inactivation by many β -lactamases. Amoxicillin/clavulanate has a wide range of activity which includes β -lactamase producing strains of both Gram-positive and Gram-negative aerobes, facultative anaerobes and obligate anaerobes.

PHARMACOKINETICS:

After oral administration at the recommended dose in dogs, the absorption of amoxicillin and clavulanic acid is fast. The maximum plasma concentration of amoxicillin of 8.5 μ g/ml is reached in 1.4 hours and the maximum plasma concentration of clavulanic acid of 0.9 μ g/ml is reached in 0.9 hours. Half life is 1 hour for both substances.

Elimination is also fast. 12% of the amoxicillin and 17% of clavulanic acid is excreted in the urine. The remainder is excreted as inactive metabolites. After repeated oral administration of the recommended dose, there is no accumulation of amoxicillin or clavulanic acid and the steady state is reached rapidly after first administration.

WARNING & PRECAUTION:

The use of this drug is contraindicated in animals which are raised for food production.

CONTRAINDICATIONS:

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

WITHDRAWAL PERIOD:

None.

STORAGE:

Store below 30°C in a dry & dark place. Protect from light & moisture.

PRESENTATION:

1 Blister containing 10 Tablets is packed in a Carton along with the Pack Insert.

**FOR VETERINARY USE ONLY.
NOT FOR HUMAN USE.
FOR ANIMAL TREATMENT ONLY.**

KEEP OUT OF REACH OF CHILDREN & PETS, AWAY FROM FOOD.
Carefully read the accompanying instructions before use.

Veko[®]

Manufactured For :

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