

CLAVASEPTIN PALATABLE TABLETS

Description:

Palatable, scoured tablets for cats and dogs.
50mg Clavaseptin containing amoxicillin (as trihydrate) 40mg and clavulanic acid (as potassium salt) 10mg.
250mg Clavaseptin containing amoxicillin (as trihydrate) 200mg and clavulanic acid (as potassium salt) 50mg.

Action:

Clavaseptin is an antibiotic agent with a notably broad spectrum of activity against the commonly occurring bacterial pathogens in general practice and hospital. The novel action of clavulanate extends the spectrum of amoxicillin to embrace a wider range of organisms, including many resistant to other β -lactam antibiotics. Clavaseptin is bactericidal to a wide range of organisms in vitro including:

GRAM-POSITIVE

<i>Aerobes Streptococcus faecalis</i>	<i>Streptococcus pneumoniae</i>
<i>Streptococcus pyogenes</i>	<i>Streptococcus viridans</i>
<i>Staphylococcus aureus</i>	<i>Staphylococcus saprophyticus</i>
<i>Staphylococcus epidermidis</i>	<i>Corynebacterium species</i>
<i>Bacillus anthracis</i>	<i>Listeria monocytogenes</i>
<i>Anaerobes</i>	<i>Peptococcus species</i>
<i>Clostridium species</i>	
<i>Peptostreptococcus</i>	

GRAM-NEGATIVE

<i>Aerobes</i>	<i>Escherichia coli</i>
<i>Haemophilus influenzae</i>	
<i>Proteus mirabilis</i>	<i>Proteus vulgaris</i>
<i>Klebsiella species</i>	<i>Salmonella species</i>
<i>Shigella species</i>	<i>Bordetella pertussis</i>
<i>Brucella species</i>	<i>Neisseria gonorrhoeae</i>
<i>Neisseria meningitidis</i>	<i>Vibrio cholerae</i>
<i>Pasteurella septica</i>	<i>Branhamella catarrhalis</i>
<i>Anaerobes</i>	
<i>Bacteroides species</i>	

Clavaseptin is a novel concept in antibiotic therapy. Resistance to many antibiotics is caused by bacterial enzymes which destroy the antibiotic before it can act on the pathogen. The clavulanate in Clavaseptin anticipates this defence mechanism by blocking the β -lactamase enzymes, thus rendering the organisms sensitive to amoxicillin's rapid bactericidal effect at concentrations readily attainable in the body.

Pharmacokinetics:

The pharmacokinetics of the two components of Clavaseptin are closely matched. Peak serum levels of both occur about 1 hour after oral administration. The elimination half-lives of amoxicillin and clavulanic acid both range from 60-80 minutes. Following administration, approximately 70% of the dose of amoxicillin is excreted as amoxicillin and approximately 30-40% of an oral dose of clavulanic acid is excreted in the urine as clavulanic acid, during the first six hours after administration.

CLAVASEPTIN PALATABLE TABLETS (CONT)

Clavaseptin may be taken at the start of meals with no effect on its absorption. Doubling the dosage of Clavaseptin® approximately doubles the serum levels achieved.

Indications:

In dogs and cats, treatment of periodontal infections cause by: *Pasteurella spp.*, *Pasteurella multocida*, *E. coli*, *Moraxella spp*, *Enterobacteriaceae* and *Streptococcus spp.*

In dogs and cats, treatment of skin and soft tissue infections caused by: *Pasteurella spp.*, *Pasteurella multocida*, *Streptococcus spp*, *Staphylococcus intermedius* and *Staphylococcus spp.*

Clinically Clavaseptin has been shown to be effective in treating a wide range of diseases of cats and dogs including:-

Skin disease (including deep and superficial pyodermas)

Periodontal disease

Urinary tract infection

Respiratory disease (involving upper and lower respiratory tract)

Enteritis

Clavaseptin Palatable Tablets have a notably broad spectrum of bactericidal activity against bacteria commonly found in cats and dogs and are indicated for the oral treatment of bacterial infections caused by susceptible organisms.

Warnings and contra-indications:

Do not use in cases of hypersensitivity to penicillin.

Do not use in gerbils, guinea pigs, hamsters and rabbits.

Caution is advised in the use of Clavaseptin® in any other very small herbivores

Dosage:

The recommended dose of Clavaseptin® palatable tablets is 12.5 mg/kg orally twice daily in dogs or cats or:

- 1 Clavaseptin palatable tablet 50mg per 4kg bodyweight every 12 hours.
- 1 Clavaseptin palatable tablet 250mg per 20kg bodyweight every 12 hours.
- 1 Clavaseptin palatable tablet 500mg per 40kg bodyweight every 12 hours.

Duration of treatment: 7 days for periodontal infections, 7-14 days for the treatment of skin and soft tissue infections.

Side Effects:

Vomiting and diarrhoea may be observed. Treatment may be continued depending on the severity of the undesirable effect observed.

Special Precautions:

None known.

Packaging:

Strip aluminium with ten tablets per strip.

Registered pursuant to the ACVM Act 1997,
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RESTRICTED VETERINARY MEDICINE

Clavaseptin Palatable Tablets
For Animal Treatment Only



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