

Bolus & injection

# Moxilin Vet

Amoxicillin

Only for the use of animals

## Composition

**Moxilin Vet bolus:** Each bolus contains Amoxicillin Trihydrate BP equivalent to Amoxicillin 1 g.

**Moxilin Vet 1 g:** Each vial contains Amoxicillin 1 g (as sterile Amoxicillin Sodium BP). Each ampoule contains 10 ml water for injection BP for reconstitution.

**Moxilin Vet 2 g:** Each vial contains Amoxicillin 2 g (as sterile Amoxicillin Sodium BP). Each ampoule contains 10 ml water for injection BP for reconstitution.

**Moxilin Vet 3 g:** Each vial contains Amoxicillin 3 g (as sterile Amoxicillin Sodium BP). Each ampoule contains 10 ml water for injection BP for reconstitution.

## Pharmacology

Amoxicillin is a semisynthetic broad spectrum penicillin with bactericidal activity against both gram positive & gram negative bacteria. It kills bacteria by inhibiting bacterial cell wall synthesis.

## Indications

Amoxicillin (Moxilin Vet) is indicated for the treatment of the following infectious diseases.

In cattle, horse, sheep/goat, pig, dog and cat:

- **Urogenital tract diseases:** Mastitis, metritis, pyometra, retained placenta, navel ill, cystitis, nephritis & MMA-syndrome etc.
- **Respiratory diseases:** Pneumonia, shipping fever, bronchitis, calf diphtheria, sinusitis, pharyngitis & laryngitis etc.
- **GI tract diseases:** Calf scour, salmonellosis, gastritis, enteritis, stomatitis & campylobacteriosis etc.
- **Musculoskeletal diseases:** Skin & soft tissue infection, abscess, wounds, foot rot, arthritis, black quarter & eczema etc.
- For the prevention of secondary bacterial infections followed by in viral or parasitic infections and post-operation.

In poultry:

- Pneumonia, infectious coryza, fowl cholera, colibacillosis, salmonellosis, necrotic enteritis, CRD, staphylococcosis, ranikhet & gumboro etc.

In fish:

- Fin rot disease, tail rot disease, dropsy, white & red spot disease and gill rot disease.

## Dosage & Administration

Route of administration: Oral/IM/IV/SC.

**Moxilin Vet bolus:** For oral administration only.

Livestock: One bolus/125 kg body weight (8 mg/kg) twice daily.

Horse: One bolus/25-40 kg body weight thrice daily.

Poultry: One bolus/10 liter drinking water twice daily.

Dog/Cat: 10 mg/kg body weight twice daily.

Fish & Shrimp: 80 mg/kg body weight daily.

**Moxilin Vet powder for injection:** For IM/IV/SC administration only.

Direction for reconstitution: Moxilin Vet 1 g & 2 g: Add 10 ml water for injection into each vial respectively & shake well until the powder dissolved properly. Moxilin Vet 3 g: Add 20 ml water for injection into the vial & shake well until the powder dissolved properly.

Cattle: 7 mg/kg body weight by IM/IV/SC injection once or twice daily for 3-5 days or 1 g/142 kg, 2 g/285 kg & 3 g/428 kg body weight. Horse: 10 mg/kg body weight by IM/IV/SC injection once or twice daily for 3-5 days or 1 g/100 kg, 2 g/200 kg & 3 g/300 kg body weight. Sheep/goat & Pig: 7 mg/kg body weight by IM/SC injection once or twice daily for 3-5 days. Dogs & Cats: 7 mg/kg body weight by IM/SC injection once daily for 3-5 days.

Or as directed by the registered Veterinarian.

## Contraindication

Contraindicated in animals hypersensitive to Amoxicillin.

## Warning & Precaution

Amoxicillin is ineffective against beta-lactamase enzyme producing bacteria. Use cautiously in animals who are documented hypersensitive to other beta-lactam antibiotics e.g. cephalosporin, cefamycins, carbapenems.

## Side effects

Common: In some cases hypersensitivity reactions and local irritation may occur.

Rare: Not known.

## Use in Pregnancy & Lactation

Animal studies did not demonstrate any risk to the fetus. However, risk & necessity should be considered during administration of it in pregnant & lactating animals.

## Drug interaction

With medicine: Administration of Amoxicillin with bacteriostatic drug (Chloramphenicol, Erythromycin, Tetracycline & Sulfonamide etc.) may show antagonism effects. With food & others: No interaction was known.

## Overdose

Allergic reactions, central nervous system symptoms of excitement & spasm may occur. No specific antidote is known; symptomatic treatments are advised.

## Withdrawal time

Moxilin Vet bolus: Meat- 10 days & Milk- 01 day. Moxilin Vet powder for injection: Meat- 18 days & Milk- 01 day.

## Storage

Store below 30° C temperature and dry place, protected from light.

Keep all medicines out of reach of children.

## Packing

**Moxilin Vet bolus:** Each box contains 5x4 boli in blister strips.

**Moxilin Vet 1 g:** Each box contains one vial powder for injection & one ampoule of 10 ml water for injection BP in a blister strip and a 10 ml disposable syringe.

**Moxilin Vet 2 g:** Each box contains one vial powder for injection & one ampoule of 10 ml water for injection BP in a blister strip and a 10 ml disposable syringe.

**Moxilin Vet 3 g:** Each box contains one vial powder for injection & two ampoules of 10 ml water for injection BP in a blister strip and a 20 ml disposable syringe.



Manufactured by

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