

UBRICINA

Q-0209-011



Injectable Suspension

Broad spectrum antibacterial and anti inflammatory



Formula

Each ml of reconstituted product contains

Sterile G procaine penicillin	100,000 UI
Sterile G benzathine penicillin	100,000 UI
Streptomycin sulphate	120 mg
Dexametasone 21 Sodium phosphate	0.2 mg
Excipient, c.b.p.	1 ml

Uso en especies



Bovinos



Equines

not intended for human consumption



Ovine



Caprine



Canine



Porcine



Felines

INDICATIONS AND USES

Broad spectrum antibiotic indicated in the control of gram-positive and gram-negative bacteria susceptible to the formula such as: Clostridium spp, Staphylococcus spp, Streptococcus spp, Corynebacterium spp, Erysipelothrix rhusiopathiae, Neumococcus spp, Listeria spp, Pasteurella spp, Klebsiella spp, Haemophilus, Actinobacillus spp, Haemophilus spp, Salmonella spp, Campylobacter jejuni, Leptospira spp and illnesses caused like: septicemia, respiratory pathway illnesses, digestive apparatus illnesses, urinary tract illnesses, mastitis and all clostridiosis and those that need the action of an anti inflammatory.

CLINICAL PHARMACOLOGY

DRUG KINETIC:

G penicillins, sodium salts and potassium are rapidly absorbed after parenteral application, generally reach maximum levels within 20 minutes after administration, providing serum levels above 0.5 µg/ml, procaine G penicillin reaches its maximum levels within 1 to 3 hours after its administration, finally benzathine G penicillin reaches its maximum levels from 6 to 8 hours or more. They are widely distributed in all different tissues of the organism, found in high levels in the liver, bile, kidney, intestine, lung, skin, blood and semen. Penicillins trespass the blood brain barrier in small quantities if there is no inflammation. They are distributed in low concentrations in articular, pleural, pericardial and ocular fluids. It has been shown that penicillins cross the placenta and the safety in the use of these antibiotics has not been firmly established, nor have there been documented cases of teratogenic problems. Penicillins are rapidly excreted and suffer few metabolic changes in their passage through the organism. They suffer active elimination through the kidney and another amount is eliminated through bile. Dihydrostreptomycin sulphate and streptomycin sulphate are rapidly absorbed being distributed mainly in extracellular liquid, producing high serum levels. They possess a low solubility in fat and are poorly diffused to the central nervous system and the eye.

They are rapidly excreted in active form through the kidney by glomerular or tubular filtration.

PHARMACODYNAMICS:

The acting mechanism of penicillins consists of inhibiting the regenerating capacity of the bacterial cell wall through the inhibition of the synthesis of the mucopeptides that form said wall, producing a cellular disintegration by changes of selective permeability in the bacteria, resulting in a bacterial lysis. The streptomycins produce a direct action on the ribosomes when inhibiting proteic synthesis and lowering the exactness of genetic code transmission. Above all, it impedes aminoacid polymerization which causes the death of the bacteria. It also affects the selective capacity of the cell membrane, which causes the synergic effect with penicillins.

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DOSAGE

Beef cattle, equine not intended for human consumption, ovine, goat for fattening, porcine, canine and feline: 1 mL of reconstituted product for every 12 kilograms of body weight. The dose can be repeated at 24 hour intervals according to case and at the discretion of the Veterinarian..

ROUTE OF ADMINISTRATION: DEEP INTRAMUSCULAR

WARNING:

Do not administer in animals with dehydration or metabolic acidity.

Do not administer in animals with renal dysfunction. Do not administer in animals sensitive to the ingredients of the formula.

If animal is allergic to penicillins is unknown, perform a cutaneous sensitivity test. In case of any allergic reaction, stop treatment.

Penicillins are non toxic but there is the possibility of an allergic reaction with any penicillin.

Store product in a fresh, dry place, away from light. Keep out of the reach of children.

For exclusive use of veterinary medicine. Sold by prescription only.

DRUG INTERACTIONS:

Sulfonamides antagonize the effects of penicillins.

Penicillins are antagonists with chloramphenicol, erythromycin and tetracyclines.

WITHDRAWAL PERIOD

Do not administer to milk producing animals for human consumption.

Do not use this product 30 days before slaughter of animals destined for human consumption

PRESENTATION

2.5 and 5.0 million