



PEN-STREP 400 LA – Suspension for parenteral administration

Composition:

Contains per ml:

Procaine penicillin G.: 100.000 IU.

Benzathine penicillin G.: 100.000 IU.

Dihydrostreptomycin sulphate: 200 mg.

Excipients ad 1 ml.

Indications:

Arthritis, mastitis and gastrointestinal, respiratory and urinary tract infections caused by penicillin and dihydrostreptomycin sensitive micro-organisms, like *Campylobacter*, *Clostridium*, *Corynebacterium*, *E. coli*, *Erysipelothrix*, *Haemophilus*, *Klebsiella*, *Listeria*, *Pasteurella*, *Salmonella*, *Staphylococcus* and *Streptococcus* spp.

The combination of penicillin G and dihydrostreptomycin acts supplemental and in some cases synergistic. Procaine penicillin G and benzathine penicillin G are small-spectrum penicillins with bactericidal action against mainly Gram-positive bacteria like *Clostridium*, *Corynebacterium*, *Erysipelothrix*, *Listeria*, penicillinase-negative *Staphylococcus* and *Streptococcus* spp.

Dihydrostreptomycin is an aminoglycoside with a bactericidal action against mainly Gram-negative bacteria like *E. coli*, *Campylobacter*, *Klebsiella*, *Haemophilus*, *Pasteurella* and *Salmonella* spp.

Contra-indications:

Hypersensitivity to penicillins, procaine and/or aminoglycosidese.

Administration to animals with renal dysfunctions.

Concurrent administration with tetracyclines, chloramphenicol, macrolides and lincosamides.

Side-effects:

Diminished immune response in swine has been reported with very high overdoses (160.000 IU benzylpenicillin per kg bodyweight). Administration of therapeutic dosages of procaine penicillin G can result in abortion in sows. Other effects that may occur are Ototoxicity, neurotoxicity, nephrotoxicity and hypersensitivity reactions.

Dosage and Administration: For intramuscular administration.

General dose : 1 ml per 10 kg bodyweight every 72 hours

or upon recommendation by a veterinarian every 48 hours.

Recommendations and Warnings: Shake well before use. Do not administer more than 20 ml in cattle, more than 10 ml in swine or more than 5 ml in calves, sheep and goats per injection site

Withdrawal time: For kidney: 45 days. For meat: 30 days. For milk: 5 days.

Storage: Keep in a cool (between +4°C and +7°C)and dry place, away from sunlight and safe from children.

Packing:

48 vials of 100 ml in 1 carton.

FOR VETERINARY USE ONLY