

<div style="display: flex; justify-content: space-between; align-items: center;"> <div style="border: 1px solid black; padding: 2px;">Category: POM</div> <div style="text-align: center;"> <h2 style="margin: 0;">Penstong 20/20</h2> <p style="margin: 0; font-size: 0.8em;">Injectable Suspension of Penicillin G Procaine 200,000 I.U./ml, Dihydrostreptomycin Sulfate 200mg/ml.</p> </div> </div> <p>Composition Each ml contains Penicillin G Procaine 200,000 I.U., Dihydrostreptomycin Sulfate 200 mg (calculated as weight).</p> <p>Pharmacology Penicillin G is a beta-lactam antibiotic and its structure contains the beta-lactam ring and thiazolidine ring common to all penicillins. Beta-lactam antibiotics prevent the bacterial cell wall of susceptible Gram-positive bacteria from forming by interfering with the final stage of peptidoglycan synthesis. They inhibit the activity of transpeptidase enzymes, which catalyse cross-linkage of the glycopeptide polymer units that form the cell wall. They exert a bactericidal action but cause lysis only of growing cells. Dihydrostreptomycin is an aminoglycoside antibiotic active against gram-negative aerobes, which after penetration of the cell envelope binds to receptors on the 30S sub unit of the bacterial ribosome. It induces misreading of the genetic code on the messenger ribonucleic acid (mRNA) template, causing bacteriostasis. Aminoglycosides exert synergistic action in combination with beta-lactam antibiotics.</p> <p>Indications For the treatment of systemic infections in cattle, horses and sheep caused by or associated with organisms sensitive to penicillin and/or streptomycin including: <i>Arcanobacterium pyogenes</i> <i>Erysipelothrix rhusiopathiae</i> <i>Klebsiella pneumoniae</i> <i>Listeria spp</i> <i>Mannheimia haemolytica</i> <i>Pasteurella multocida</i> <i>Staphylococcus spp (non-penicillinase producing)</i> <i>Streptococcus spp</i> <i>Salmonella spp</i> and for the control of secondary bacterial infection with sensitive organisms in diseases primarily associated with viral infection.</p> <p>Dosage and administration Shake well before use. Administer by deep intramuscular injection only. Recommended dosage rate is as follows: 10,000 I.U./kg bodyweight procaine penicillin and 10 mg/kg bodyweight dihydrostreptomycin sulphate achieved by administering 1 ml per 20 kg bodyweight. The dose should be given once daily for up to 3 consecutive days. The maximum dose volume administered at one site should not exceed 15 ml for horses, 6 ml for cattle and 3 ml for sheep.</p> <p>Side effects A palpable but transient local reaction may occur at the site of injection in horses.</p> <div style="text-align: center; margin-top: 20px;"> <p>FOR VETERINARY USE ONLY KEEP OUT OF REACH OF CHILDREN</p> </div>	<div style="text-align: right; margin-bottom: 10px;"> </div> <p>Contraindications Contraindicated in known cases of hypersensitivity to penicillins, procaine and/or aminoglycosides. Use with care in animals known to have kidney disease or defective renal function.</p> <p>Precautions and warnings Aminoglycosides have a narrower margin of safety than beta lactam antibiotics. Do not exceed the recommended dosage or duration of treatment. Penicillins and cephalosporins may cause hypersensitivity (allergy) following injection, inhalation, ingestion or skin contact. Care should be taken to avoid accidental self-injection. Do not handle this product if you know you are sensitized. Both procaine hydrochloride and penicillin in formulation are easier to be hydrolyzed in aqueous solution at high temperature. The carboxylic acid and amine generated in hydrolysis will react with hydroxyl ion in the water to produce gas. It is normal for gas to be produced even after Penstong 20/20 being stored at room temperature for a long time. Before use, shake it well and deflate the gas with a syringe needle.</p> <p>Drug interactions Do not administer with other antibiotics such as tetracyclines, or with other aminoglycosides.</p> <p>Withdrawal periods Cattle: Meat- 23 days; Milk- 60 hours; Sheep: Meat- 31 days; Milk: Not to be used in sheep producing milk for human consumption. Horses: Not to be used in horses intended for human consumption.</p> <p>Presentation Available in 50 ml and 100 ml bottle.</p> <p>Storage Store in a cool and dry place not above 25°C, protect from light.</p> <p>Validity 2 years.</p> <p>Manufacturer Chongqing Fangtong Animal Pharmaceutical Co., Ltd No. 80, East Part of Changzhou Road, Rongchang, Chongqing, China</p> <div style="text-align: center; margin-top: 20px;"> <p>FOR VETERINARY USE ONLY KEEP OUT OF REACH OF CHILDREN</p> <div style="display: flex; justify-content: center; gap: 10px;"> </div> <p style="font-size: 0.6em; margin-top: 5px;">Tech consultation Tech on facebook</p> <p style="font-size: 0.5em; margin-top: 5px;">EDITION NO. 2101PEN20/20 VERIFY DATE: since JAN. 2021</p> </div>
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