PROCAINE PENICILLIN G

Veterinary Drug Directorate (VDD) Category: 2

Brand name:
Penpro (300 000 U/mL)
Procillin (300 000 U/mL)
Depocillin (300 000 U/mL of Benzylpenicillin procaine)

Labelled for treatment of:
Bacterial pneumonia, Calf diphtheria, Footrot, Metritis and Wound infections in Cattle.

Able to be used in Lactating dairy cattle: YES

Label dose:
21 000 U/kg (7mLs/100kg) IM once daily for up to 5 days

Label withhold times:
Milk: 96 hours
Meat: 10 days

May be used off label for the treatment of:
Actinomycosis (lumpy jaw), Listeriosis, Endocarditis, Pericarditis, Peritonitis, Vaginitis, Cervicitis, Pinkeye, Dermatophilosis, Clostridial diseases, Cellulitis, Pyelonephritis, Cystitis, Urinary tract infections, Acidosis, Grain overload, Abscesses, and Pre- and Post-operative.

Off label dose range:
22 000 – 44 000 U/kg IM once or twice daily until 2 days after clinical signs disappear.

Off label withhold times:
Consult CgFARAD when using this product at the off label dose for withhold times.

Comments:
Penicillin is a narrow spectrum, bactericidal, beta-lactam antibiotic that is very popular in cattle medicine. It has great tissue penetration and has activity against gram-positive and anaerobic bacteria, but is ineffective against gram-negative bacteria. Current formulations of Procaine Penicillin do not advise subcutaneous treatment due to residue concerns. Although withhold times have been established it is still recommended to submit milk samples to an accredited laboratory for residue testing prior to reintroducing a treated animals milk back into the bulk tank as withhold times can vary in compromised animals. For specific disease treatment recommendations using penicillin please refer to the disease section of these guidelines.