TECHNICAL NOTES

Juraclox L.A. Dry Cow Long Acting Intramammary Suspension

Active Constituent

Each 3.6 g syringe contains:

600 mg CLOXACILLIN (as the benzathine salt).

Actions

elevet+ Juraclox L.A. 600 Dry Cow Long Acting Intramammary Suspension is formulated for the treatment of cows at drying off. It eliminates the majority of existing infections and substantially reduces the incidence of new infections.

The formulation and base provide effective concentrations of antibiotics in the udder for a period of 7 weeks, to eliminate the majority of existing infections and to substantially reduce the incidence of new infections. The formulation is bactericidal, causing the death of organisms at the concentrations achieved in the udder, and is non-irritant to udder tissues.

Indications

elevet+ Juraclox L.A. 600 Dry Cow Long Acting Intramammary Suspension is active against Gram-positive organisms associated with mastitis. It is effective against:

- *Streptococcus agalactiae* and other *Streptococcus spp.*,
- penicillin resistant and sensitive *Staphylococcus spp.*,
- *Trueperella (Corynebacterium) pyogenes* and other species susceptible to cloxacillin

Cloxacillin is not destroyed by staphylococcal penicillinase and is therefore active against penicillin resistant staphylococci, an important cause of mastitis.

It is recommended that treatment with elevet+ Juraclox L.A. 600 Dry Cow Long Acting Intramammary Suspension be reserved for cows with evidence of or increased risk of bacterial infection, such as a high somatic cell count (SCC) or a history of treatment for clinical mastitis. Cows with no evidence of infection or not considered high risk should instead be treated with a non-antibiotic internal teat sealant such as elevet+ U-Seal.

Contraindications

Contraindicated for use in cows exhibiting sensitivity to penicillin.

Restraints

DO NOT USE in lactating cows or within 35 days of calving. If accidentally administered within 35 days of calving or to a lactating animal, contact your prescribing veterinarian for advice.

Precautions

Indiscriminate use of elevet+ Juraclox L.A 600 Dry Cow Long Acting Intramammary Suspension could contribute to the development of antibiotic resistance.

Dosage & Administration

Wear clean rubber gloves when applying.

Dose: One syringe per quarter immediately after the final milking of a lactation.

Administration: At the final milking of a lactation, milk the cow normally. Clean and disinfect the teat ends using rubbing alcohol or iodophors or other suitable disinfectant. Infuse the contents of one syringe into each quarter and leave without further milking.

Treatment can be followed by administration of an internal teat sealant, such as elevet+ U-Seal. Refer to the elevet+ U-Seal label for directions for use.

Dip all teats in an approved teat disinfectant after infusion.

General Directions

elevet+ Juraclox L.A. 600 Dry Cow Long Acting Intramammary Suspension is presented in syringes for intramammary infusion and is designed to be used in the dairy cow at the point of drying off, that is, immediately after the last milking of the lactation. The extended period of 7- 8 weeks activity in the dry cow results from the relatively insoluble benzathine salt combined with the long-acting base. The persistence of its activity makes this preparation unsuitable for use in lactating cows.

Withholding Periods

MILK: DO NOT USE in lactating cows or within 35 days of calving. After calving, colostrum or milk from treated dry cows MUST NOT BE USED for human consumption or processing for 96 hours (8 milkings).

If premature or unscheduled calving occurs, consult the prescribing veterinarian for advice on handling milk for bobby calves.

MEAT: DO NOT USE less than 30 days before slaughter for human consumption.

Any variation by the prescribing veterinarian to the approved use pattern, may require an extended withholding period.

Trade Advice

Export Slaughter Interval (ESI): This product does not have an ESI established. For advice on the ESI, contact AVet Health on 1300 28 38 28 before using the product.

First Aid

If poisoning occurs, contact a doctor or Poisons Information Centre on 13 1126 (Australia).

Safety Data Sheet

For Safety Data Sheet see www.avet.health

Presentation

Syringe containing 3.6 grams.

Pails of 200 syringes.

Disposal

Dispose of used packaging by wrapping in paper and putting in garbage.

Storage

Store below 30°C (room temperature).

Poisons schedule

S4

Registration Number

APVMA Approval Number: 140175