

Enrofloxacin JNJECTOR

انروجيكسط آئي۔ايم۔ايم انجيكر



Out of Farm

Quinolones have excellent potential of drug distribution throughout the udder cells after Intramammary administration.

(Gruet et al. 2001)





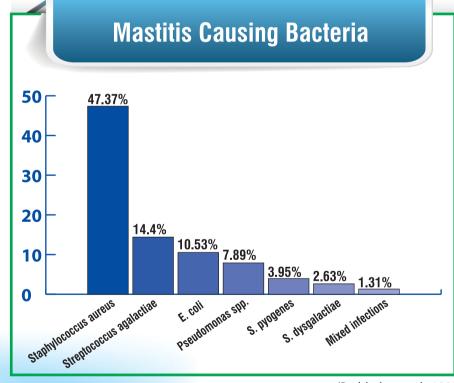




Enroject for Intramammary infusion into the Dairy Cow is a product which provides a wide range of bactericidal activity against Gram-Positive and Gram-negative organisms.

Enroject is a Stable, Non-Irritating Suspension of enrofloxacin containing the 300mg of enrofloxacin per disposable syringe.

Enrofloxacin (Quinolones) has highest potential of distribution throughout the udder after parenteral and intramammary administration. (Gruet et al., 2001)



(Prabhakar et al., 1995)

Indications

Enroject specially formulated for the treatment of acute and subacute mastitis in lactating dairy animals. It is active against gram-positive and gram-negative bacteria associated with mastitis. Enrofloxacin is a broad spectrum antibiotic in activity and non-irritant to udder cells.

Powerful Quinolone

Covering many mastitis pathogens and mixed infections

	E. coli	Klebsiella spp.	Mycoplasma spp.	Streptococcus spp.	Staphylococcus spp.
Enroject	000	000	++++	•	000
β-lactams	•	•	0	000	000
Tetracyclines	•	•	•	•	0
Macrolides	•	•	00	00	00
Sulfonamides	00	00	•	00	00

In lactating dairy cows and buffaloes Enroject provides bactericidal levels of the active antibiotic within short period of time. This rapid therapeutic Level of achievement is due to fast penetration and efficient absorption of enrofloxacin.

Enroject contains broad spectrum antibiotic which is effective against all major infectious mastitis pathogens Staphylococcus aureus, Streptococcus agalactiae, E. coli, Pseudomonas spp., S. pyogenes, S. dysgalactiae and Mycoplasma etc.

Mastitis therapy success depends upon certain factors like correct diagnosis, the drug selected, appropriateness of the route of administration, stage at which treatment is initiated, severity of udder pathology, supportive treatment, elimination of predisposing factors.

(Du Preez et al., 2000).

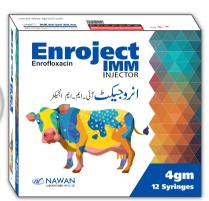
Reasons for treatment failure

- 1 Lack of inadequate contact between bacteria and antibiotic.
- **Protection within Leukocytes.**
- 3 Poor drug diffusion.
- Microbial resistance to antibiotic.
- **5** Stopping treatment too early.



Combination of Intramuscular or Intravenous injection with Intramammary infusion over 3 days period resulted in the highest mastitis cure rate.





HOW TO USE IT



After milking is complete, thoroughly clean and disinfect the end of the teat (e.g. with cotton wool soaked in methylated spirit)



Insert the nozzle fully into the teat canal and apply steady pressure on the syringe plunger until the full dose has been delivered. Holding the end of the teat with one hand, gently massage upwards with the other to aid dispersion of the antibiotic into the quarter.



Hold the barrel of the syringe firmly in one hand and gently twist and pull the protective cap in a straight line to remove it. DO NOT BEND THE NOZZLE. Take care not to contaminate the nozzle.



Finally immerse the teats in a teat dip.

COMPOSITION: Each 4 gm syringe contains:

INDICATIONS:

Enroject specially formulated for the treatment of acute and subacute Mastitis in Lactating animals (Cattle & Buffaloes). Enrofloxacin has antibacterial activity against a broad spectrum of gram-negative and gram-positive bacteria associated with mastitis Staphylococcus aureus, Streptococcus agalactiae, E. coli, Pseudomonas spp., S. pyogenes, S. dysgalactiae and Mycoplasma etc.

DOSAGE & ADMINISTRATION:

Infuse one syringe in each affected teat immediately after milking. Repeat after 12 hours interval if necessary. Clean and disinfect teat before each treatment.

WITHDRAWAL PERIOD:

Milk: 72 Hours, Meat: 4 Days

STORAGE CONDITIONS:

Store below 30°C in a dark and dry place away from children.

ا نروجیک طب آئی۔ایم۔ایم انجیکٹر ازدجیک دودھ دینے والے جانوروں (گائے، جینس) میں ساڑو کے علاج کے لئے خاص فارمولا ہے۔ از وفلو کساسین ایک وسیع الاثر اپنی بائیونگ ہے جوساڑ وکا باعث بننے والے گرام مثبت اورگرام خفی بیکٹیریا اسٹیفلو کوکس اوریس، اسٹر پیٹو کوکس اینگلیشی، ای کولائی، سوڈ وموناس، اسٹر پیٹو کوکس پایومیٹیس، اسٹر پیٹو کوکس ڈسگلیشی اور مائیکو پلاز ما : سرید دین میں دینہ میں د وغیرہ کےخلاف انتہائی مؤثر ہے۔ خوراك اورطر بقهٔ استعال:

ا یک سرنج متاثر ہتھن میں دودھ نکا لنے کےفوراً بعداستعال کریں۔ یہ اس ضرورت پڑنے پر۲ا گھنٹے کے بعددوبارہ استعال کریں۔

، سرنجاستعال کرنے سے پہلے تھنوں کواچھی طرح صاف کرلیں۔

ود ژرال کا عرصه: دوده: ۲۷ گفته، گوشت: ۴ دن

ہدایات: ۲۰۰۱ ڈگری سے کم درجهٔ حرارت بیخشک اورنسبتاً تاریک جگه بربچوں کی پینچ سے دور کھیں۔

MANUFACTURED BY: LABORATORIES (PVT) LTD. Karachi-Pakistan.

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