

DEVELOPED AND PRODUCED IN ARGENTINA

INTRAUTERINE ANTIBIOTIC FOR CATTLE AND HORSES

### COMPOSITION:

Cephalexin (as monohydrate) 2g / Penicillin G (Procaine) 2g / Oily Excipient c.s.p 40 ml.

### PRESENTATION:

**CEFTOCIDIN Endo®** comes in an athermic box containing 1 sterile syringe and 1 annexed intrauterine cannula. Detailed information is available upon request from the veterinary.

### THERAPEUTIC ACTION:

**CEFTOCIDIN Endo®** is a topic antibiotic to treat uterine infections (endometritis). Pharmacokinetics and pharmacodynamics: **A)** the main component, cephalexin, it's a cephalosporin of high spectrum. That presents as fundamental characteristics: 1. High bioavailability dose based on its high non-ionized fraction, high liposolubility and low union with proteins. 2- This bactericide antibiotic it's highly effective (boosted by the synergy with Penicillin) against the pathogens involved in endometritis: Streptococci (zoepidemicus and equi in Equine), Arcanobacterium pyogenes, Bacillus fragilis and other anaerobes (Bacteroides sp.), E. Coli and enterobacteria in general (as pathogens of the uterine antrum) frequently associated. 3- It's an antibiotic association that doesn't easily create resistance with its sustained use and it's active in case of pus, blood, and detritus. **B)** Procaipenicillin: antibiotic of a very high efficacy against gram (+) germs, it shows a remarkable synergism with cephalexin (beta – beta) allowing a quick infection elimination.

### INDICATIONS:

**CEFTOCIDIN Endo®** is indicated for the infections in the endometrium, in bovines as well as equines, provoke by sensible germs, which means sub-severe or chronic (repetitive female due to infectious cause) with or without apparition of secretions thought the vulva. It must not be used in metritis or severe endometritis with collection volumes higher than ½ liters (pus, blood or placental rests). In these cases, the uterus should be adequately evaluated, provoke the correct excision of the corpus luteum (drug or gynecological) and after that, start the treatment.

### DOSAGE (USE):

*Shake before use.* The dose for bovines and equines is the same, and it's applied by 1 intrauterine injector. This corresponds to 40ml total. The injector, as well as the intrauterine catheter, is sterile, this is why the following instructions must be followed by rule: shake the injector to achieve the resuspension, taking it out of its package.

It should be grabbed by the catheter and introduced by vaginal via, without taking it out of the package if possible and being guided by the professional via rectal with the other hand (wearing gloves) through a vaginoscope.

Once the catheter reaches the cervix, the package is perforated with the tip of the catheter and it gently threads the neck to penetrate inside the uterus. Once placed, the package should be completely removed. Take the injector, open it and fit the cone by the outside of the extravaginal catheter's tip. The injector content must be completely discharged, being able to apply half in each cusp. If necessary, the treatment can be repeated every 24 hours. This is up to the veterinarian.

### SIDE EFFECTS:

As a pharmacovigilance result, it has been possible to identify in equines some cases of eosinophilic reaction in the blood (relative values of 10) and certain uterine infiltration seen by ultrasound. In no case pregnancy hasn't been compromised, having the having both the gestation of the mare, the birth and the breeding a completely normal evolution.

### PRECAUTIONS:

The **CEFTOCIDIN Endo®** injector includes a surplus which is left inside the cannula. This is why once applied, you can throw everything away because there's no dose loss. The treated cow's milk should be thrown off until 12 hours after the last application. The waiting time before sending to slaughter is approximately 10 days after the last treatment. Keep away from children.



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KEEP BETWEEN 15 AND 25 DEGREES  
USE IN VETERINARY  
KEEP AWAY FROM CHILDREN

SALE UNDER  
PROFESSIONAL  
PRESCRIPTION