

For Veterinary Use Only.

Metrinew[®]

Intrauterine Suspension

Veterinary Antibacterial

COMPOSITION:

Cream coloured, homogeneous, oily suspension containing cephaprin benzathine equivalent to 500mg cephaprin per each 19 g injector.

PHARMACOLOGICAL PROPERTIES:

The active substance of Metrinew Intrauterine Suspension, cephaprin, is a first generation cephalosporin having a broad antibacterial spectrum containing gram-negative and gram-positive bacteria. Main cephaprin-sensitive endometritis pathogens are anaerobe bacteria such as *Actinomyces pyogenes* and *Fusobacterium necrophorum*; *Staphylococcus* spp, *Streptococcus* spp, *E. coli*, *Proteus mirabilis*, and *Klebsiella* spp. As in all beta-lactam antibiotics, its mechanism of action is based on inhibiting the formation of cell wall. It has bactericidal effect. One day after Metrinew administration, cephaprin level in uterus endometrium layer is higher than the required MIC (minimum inhibitor concentration) level for pathogen bacteria. 500mg cephaprin, as cephaprin benzathine, reaches very low serum concentration in cattle following intrauterine administration.

AREA OF USE / INDICATIONS:

It is indicated in the treatment of subacute and chronic endometritis cases in cows caused by the cephaprin-sensitive bacteria as of the postnatal day 14 and in the period prior to new pregnancy. Metrinew Intrauterine Suspension may be used for the treatment of Repeat Breeder (non-fecundable cows after 3 inseminations) cases caused by bacterial infections leading to fertility problems.

USAGE AND DOSAGE:

Metrinew Intrauterine Suspension is administered into uterine. Open the cap of the injection and place the catheter on the tip.

Enter into rectum with your hand in glove and hold cervix uteri.

Push the catheter softly from cervix to uterus lumen.

*Inject Metrinew Intrauterine Suspension.

Generally, a single therapy performed with Metrinew Intrauterine Suspension is adequate for a complete recovery. Metrinew Intrauterine Suspension may be used in inseminated animals 1 day after the insemination. In the cases of pyometra, pre-treatment with prostaglandins is recommended in order to induce luteolysis and stimulate the excretion of the contents within the uterine space.

UNDESIRE/SIDE EFFECTS

Beta-lactam antibiotics (penicillins and cephalosporins) may cause allergic reactions (type 1 allergy) in sensitive humans and animals.

DRUG INTERACTIONS:

No interaction has been reported in intrauterine administration with any drugs administered systematically. Avoid mixing and intrauterine administration with other drugs.

LEGAL PURIFICATION TIME:

Withholding Period (WHP): Cattle should not be sent for slaughtering during treatment and before 2 days following final drug administration. Purification time for drug residues is 0 day for milk.

CONTRAINDICATIONS:

It should not be administered to animals with known sensitivity to cephalosporins. In case of hypersensitivity perform adrenalin, glucocorticoid and antihistaminic treatment.

GENERAL WARNINGS:

Consult your veterinary surgeon before using and in case an undesired effect is observed. Keep out of reach of children. Avoid using products with damaged packages.

SPECIAL WARNINGS FOR APPLIER AND VETERINARY SURGEON:

Despite the fact that cephalosporins create a lower risk of allergy in human with respect to penicillins, penicillin-sensitive people should avoid contact with the drug. The contact of the drug within the injector with human skin may cause allergic reactions in people who are sensitive to penicillin. Use surgical gloves during administration. In case of symptoms such as skin rash following contact through any routes, consult your doctor immediately. In case of swelling of face, lips and eyes or respiratory distress, seek for medical assistance immediately.

STORAGE CONDITIONS AND SHELF LIFE:

Store at room temperature of (15 - 25 °C) away from light. Shelf life is 2 years (24 months).

COMMERCIAL PRESENTATION FORM

Presented in 1, 3, 12 and 24 white plastic injectors.

PLACE AND CONDITIONS OF SALE

Sold with Veterinary Surgeon's prescription in pharmacies and veterinary surgeries.

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NAME AND ADDRESS OF MARKETING AUTHORIZATION OWNER:

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