

METABIOSONA

DESCRIPTION

Dexamethasone in injectable solution.

TECHNICAL PROPERTIES

Dexamethasone is an artificial corticosteroid derived from hydrocortisone. It is well absorbed and diffused and it is removed in urine. It decreases the vascular and cellular reactions that are part of the inflammatory processes, modifying the lymphocyte function.

It increases the glyconeogenesis, proteiN catabolism, lipid synthesis and the sodium and water retention. Dexamethasone acts mainly at two levels: the tissular and the metabolic level.

At tissular level it operates as an anti-inflammatory by inhibiting A2 phospholipase, which frees araquidonic acid from the membrane lipids. Basically it decreases the vascular and cellular reactions of processes derived from an inflammation. It also acts as an immunosuppressor.

At metabolic level it stimulates the neoglycogenesis, activates the catabolism of proteins, increases lipid biosynthesis, retains sodium and frees potassium.

INDICATIONS AND SPECIES

Indicated for pigs, sheep, goats and cattle with the following indications:

- Anti-inflammatory in processes with a non infectious origin.
- Anti-allergic in immune diseases.
- Treatment of ketosis, tetanus and vitulary fever of nutritional origin.

COMPOSITION

Dexamethasone	1 mg
Excipient to	1 ml

DOSAGE

It is administered intramuscularly or subcutaneously at doses of 0.25 to 1 ml/10 k.l.w. with a maximum of 5 days of administration.

INCOMPATIBILITIES

Do not administer together with vancomycin. It reduces the effect of anticoagulants, barbiturates and rifampicyn.

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CONTRAINDICATIONS

Do not administer to animals with infectious diseases, submitted to immunology treatments.

OVERDOSAGE

A prolonged use produces alterations in the electrolyte's metabolism causing oedema and hypertension. Intravenous overdose can cause collapse.

PACKAGING

100 ml glass vials

WITHDRAWAL PERIOD

Meat: 21 days. Milk: 2 days.

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