

FLU SPEED


ANTI-INFLAMMATORY

PHARMACEUTICAL FORM:
INJECTABLE SOLUTION

COMPOSITION:
Each mL contains:
Flumethasone 0.5 mg
Excipients q.s. 1.0 mL

SPECIES:
•Equine

DOSAGE:

DOSAGE	
SPECIE	PRACTICAL DOSE
 EQUINE	2.5 to 5 mL / animal
Route of administration: Intramuscular. If necessary, the dose may be repeated.	

INDICATIONS AND USE:
FLU SPEED for the treatment of ketosis and non-infectious musculoskeletal inflammation.

ROUTE OF ADMINISTRATION:
•Intramuscular

PHARMACOKINETICS:
It undergoes hepatic metabolism in animals; however, biliary excretion and renal clearance contribute to its elimination in some species.

MECHANISM OF ACTION:
Flumethasone is a potent glucocorticoid anti-inflammatory drug. Potency is listed by one reference as approximately 15 times that of cortisol and in other veterinary references as 30 times that of cortisol and 6–7 times the potency of prednisolone. Anti-inflammatory effects are complex but primarily via inhibition of inflammatory cells and suppression of expression of inflammatory mediators. It is not used as commonly as prednisone or dexamethasone. The major use of flumethasone is for treatment of inflammatory and immune-mediated disease.

PRECAUTION, WARNINGS AND CONTRAINDICATIONS:

- In case of infection, initiate appropriate antimicrobial therapy.
- Do not use in pregnant animals.
- Use cautiously in patients prone to ulcers or infection and in animals in which wound healing is necessary.
- Use cautiously in animals with kidney disease or diabetes.

DRUG INTERACTIONS:

- Administration of corticosteroids with NSAIDs will increase the risk of GI injury.
- Together with norgestomet and estradiol valerate, it induces synchronization of births.
- Concomitant use of glucocorticoids with amphotericin B or potassium-depleting diuretics may cause hypokalemia, increasing the risk of digitalis toxicity; monitoring of potassium and digitalis glycoside levels is recommended.

-Glucocorticoids may reduce salicylate blood levels. Phenytoin, phenobarbital, and rifampin may increase glucocorticoid metabolism. Concomitant use with cyclosporin may increase blood levels of both drugs due to mutual inhibition of hepatic metabolism; dosage adjustments may be necessary. Glucocorticoids may also inhibit cyclophosphamide metabolism.

-Insulin requirements may increase. Mitotane alters steroid metabolism and may require higher steroid doses. Estrogens may potentiate glucocorticoid effects.

-Immunosuppressive doses of corticosteroids generally contraindicate live attenuated vaccines and may reduce the immune response to vaccines, toxoids, or bacterins.

-Concomitant use with anticholinesterase agents may cause severe muscle weakness; discontinuation of anticholinesterase therapy at least 24 hours before corticosteroid administration is recommended.

SIDE EFFECTS:

Side effects from corticosteroids are many and include polyphagia, polydipsia and polyuria, and hypothalamic-pituitary-adrenal axis suppression.

WITHDRAWAL:

Do not administer to equines intended

for human consumption.

ANTIDOTE:

It has not been reported; however, supportive treatment should be administered if necessary.

STORAGE:

Store in a cool, dry place at a temperature not exceeding 30°C, protected from light. **Keep out of reach of children and pets.**

SALE:

Veterinary prescription only.

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