



CORTIVET SHOCK®

STEROID ANTI-INFLAMMATORY

FORMULA			PRESENTATION
Dexamethasone 21 sodium phosphate	200 mg	Formulation agents q.s. .	10 ml

GLASS VIAL

10 ml.
100 ml.

Sterile solution



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Dexamethasone 21-phosphate is a second-generation fluorinated corticosteroid with a very rapid onset of action. It reduces the inflammatory response by inhibiting prostaglandin synthesis, stabilizing lysosomal membranes, reducing enzyme release, and inhibiting the migration of inflammatory cells (neutrophils and monocytes/macrophages). It also decreases the ability of basophils and mast cells to release histamine. Furthermore, it reduces the release of toxic oxygen metabolites and inhibits the synthesis and secretion of chemotaxis (interleukin I). These properties make it the drug of choice for all acute inflammatory processes, whether or not they are life-threatening.

Because more than 80% of the drug circulates bound to plasma proteins, a reduction in these proteins, primarily transcortin, increases susceptibility to the effects of glucocorticoids. It has a direct positive inotropic effect on the heart and in the vessels, increasing reactivity to catecholamines and inhibiting vascular Nitric Oxide Synthetase (NOS), producing an increase in blood pressure.

In cases of shock, whether of hypovolemic, traumatic, hemorrhagic or anaphylactic origin, the use of this drug is recommended in conjunction with appropriate fluid therapy and the application of epinephrine.

INDICATIONS FOR USE

It is indicated for shock, stress, Neonatal Disruption Syndrome, traumatic brain injury, spinal cord compression, bronchospasm, allergic reactions, and all acute inflammations of the musculoskeletal system.

VIA OF APPLICATIONS AND DOSAGE

Dosage: It is recommended to administer 0.5 to 1 mL/50 kg of body weight every 24 hours, for no more than 3 consecutive days.

Route of administration: Although all routes of administration are available, the preferred route is intravenous, as it allows for rapid bioavailability of the drug. The frequency and dosage may be modified at the discretion of the attending physician.

CONTRAINDICATIONS

Do not use in animals suffering from diabetes mellitus, uremic syndrome, chronic nephritis, heart failure, osteoporosis, tuberculosis, acute laminitis, gastrointestinal ulcers, or leptospirosis. Do not use in animals with active viral or fungal diseases. Do not use in animals with bacterial diseases without establishing appropriate antibiotic treatment. Do not use in pregnant or lactating females.

WARNINGS

Store the product between 15 and 25 °C.
Keep out of reach of children and pets.

For veterinary use only.