

BIOCAL

DESCRIPTION

Calcium, magnesium, phosphorus and vitamin D in injectable solution.

TECHNICAL PROPERTIES

BIOCAL is an injectable solution that contains calcium, phosphorus, magnesium and vitamin D.

Calcium is a micro-mineral vital in the constitution of the skeleton and also has an essential biochemical function as a component in the enzyme transmission of nervous impulses and muscular contractions.

Phosphorus also contributes to the constitution of the skeleton and it also has an important biochemical function as a component of phospholipids, nucleic acids and proteins.

Magnesium has mainly three activities: it is involved in the metabolism of the bones, it improves calcium absorption and last but not least it helps to regulate the arterial pressure.

Vitamin D intervenes in the process of absorption, fixation and mobilisation of calcium in the bones.

INDICATIONS AND SPECIES

It is used in pigs, sheep, goats and cattle with the following indications:

- Lactating females: vitulary fever, puerperal eclampsia.
- Young animals: hypocalcaemia, rachitism and osteomalacia.
- As treatment for intoxications and allergic reactions.

COMPOSITION

Calcium borogluconate	200 mg
Magnesium hypophosphite	50 mg
Vitamin D3	2.500 IU
Excipient to 1 ml.	

DOSAGE

It is administered intramuscularly with a daily injection for a period indicated by the clinical veterinary which can be 2 or 3 days approximately. In extreme cases the doses can be increased to 10 ml/ 10 k.l.w. Do not administer intravenously.

INCOMPATIBILITIES

Do not mix with tetracyclines or sodium citrate solutions.

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CONTRAINDICATIONS

Not described.

OVERDOSAGE

Can cause alterations in the cardiac rhythm in acute stage, developing into muscular pain, polyuria or anorexia. The treatment in these cases is administrating sodium citrate intravenously in acute cases or sodium phosphate orally in less severe cases.

PACKAGING

100 ml glass vials.

WITHDRAWAL PERIOD

Not needed.

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