



Cenmicin-LC

Injectable solution

Lincomycin 50 mg/ml + Spectinomycin 100 mg/ml



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Lincomicina 50 mg/ml + Espectinomicina 100 mg/ml

COMPOSITION PER ML.:

Lincomycin (hydrochloride)	50 mg
Spectinomycin (sulfate)	100 mg
Benzyl alcohol and other excipients	



PHARMACOLOGICAL PROPERTIES:

SPECTINOMYCIN: Spectinomycin is a bacteriostatic antibiotic that inhibits protein synthesis in susceptible bacteria by binding to the 30S subunit of bacterial ribosomes.

It is active against a wide variety of gram (+) and gram (-) bacteria, including *E. coli*, *Salmonella*, *Pasteurella multocida* and *Mycoplasma*.

LINCOMYCIN: It could act as a bacteriostatic or bactericidal agent, depending on the concentration of the drug at the infection site and the susceptibility of the organism. It acts inhibiting the bacteria protein synthesis by binding to the 50S ribosomal subunit of susceptible bacteria.

It is active primarily against gram (+) bacteria (*Staphylococcus aureus*, *Streptococcus spp.*, *S. viridians*, *Clostridium tetani*, *C. perfringens*, *Erysipelothrix rhusiopathiae*, *Leptospira spp.*) and Mycoplasmas.

ASSOCIATION:

There is a synergistic activity in the association of lincomycin and spectinomycin at a ratio 1:2 producing a greater efficacy against different pathological processes than they have separately.

TARGET ANIMAL SPECIES:

Cattle and sheep.

INDICATIONS:

In all the infectious processes produced by microorganisms sensitive to the action of Lincomycin and/or Spectinomycin.

Abscesses: cutaneous affections (anthrax, furuncle), tonsillitis, arthritis, bronchopneumonia, acute bronchitis, cystitis, enteritis (haemorrhagic, colibacillar), pharyngitis, lymphadenitis, metritis, mycoplasmosis, pneumonia, septicaemia.

DOSAGE AND ADMINISTRATION VIA:

By intramuscular injection.

Cattle: 1 ml of CENMICIN-LC/10 kg b.w. twice daily for the first day followed by once daily for 2-4 days according to clinical response.

Sheep: 1 ml of CENMICIN-LC/10 kg b.w./day for 3 – 4 days.

WITHDRAWAL PERIOD:

Cattle and sheep: Meat: 14 days; **Milk:** Do not use

PRESENTATION:

Vials containing 100 ml and 250 ml.

VETERINARY USE