

120x189mm

TRISULPHA INJECTION

For Veterinary Use Only



COMPOSITION:

Each ml contains

Sulphamerazine.....100mg

Sulphadiazine.....60mg

Sulphathiazole.....40mg

Trimethoprim.....40mg

INDICATIONS:

Trisulpha Injection is indicated for the treatment of severe bacterial infections caused by gram positive and gram negative bacteria. Infections of respiratory, uro-genital tract, gastrointestinal and digestive tract, septicemia, wound infection. It gives excellent results in coccidiosis complicated with *E. coli* infections.

PHARMACODYNAMICS:

The sulfonamides are structural analogues of para-aminobenzoic acid (PABA) and competitively inhibit Dihydropteroate synthase, an enzyme that facilitates PABA as a substrate for the synthesis of dihydrofolic acid (folic acid). Sulfonamides are antimetabolites that substitute for PABA, resulting in blockade of several enzymes needed for the biogenesis of purine bases and other metabolic reactions necessary for formation of RNA. The efficacy of sulfonamides can be reduced radically by excess PABA, folic acid, thymine, purine, methionine, plasma, blood, albumin, tissue autolysates, and endogenous protein-degradation products. Sulfonamides are effective against wide of range of gram positive and gram negative microorganism like Streptococcus, Staphylococcus, Salmonella, Pasteurella, Pseudomonas, Klebsiella, Proteus, Clostridium, and Leptospira spp and even Escherichia coli.

PHARMACOKINETICS:

Sulfonamides achieve maximum blood concentration in relatively short time and distributed all over the body tissues. Sulfonamides are usually extensively metabolized, mainly by several oxidative pathways, acetylation, and conjugation with sulphate or glucuronic acid. Most sulfonamides are excreted primarily in the urine. Bile, feces, milk, and sweat are excretory routes of lesser significance.

DOSAGE & ADMINISTRATION:

Administer the following dose by

Intramuscular injection:

Cattle: 7ml per 100kg one injection is sufficient.

Sheep/Goat: 3ml per 50kg one injection is sufficient.

Poultry: 0.2ml per 1kg one injection is sufficient.

(In case of severe infection repeat the dose after 6 days.)

PRECAUTIONS:

Shake well before use.

Store between 15-25°C in a cool and dry place. Keep out of the reach of children. Consult the veterinarian before use.

WITHDRAWAL TIME: Nil

Innovator's Specs.



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