

LINCOMOXEL

PLUS ORAL POWDER

For Veterinary Use Only

COMPOSITION:

Each gram contains

Amoxicillin Trihydrate eq. to Amoxicillin.....	200mg
Lincomycin HCL eq. to Lincomycin.....	88mg
Spectinomycin Sulphate eq. to Spectinomycin....	88mg
Vitamin E Acetate	30mg

PHARMACOLOGICAL PROPERTIES:

The composition of the drugs included has a synergistic antimicrobial effect.

Lincomycin is a lincosamide antibiotic with activity against a wide range of organisms including mycoplasma. Lincomycin has a strong effect on Gram-positive bacteria, such as *Staphylococcus aureus*, hemolytic streptococcus and pneumococcus, inhibiting anaerobic bacteria, such as *Clostridium* spp. It also has a certain effect on bovine dysentery and *Toxoplasma*. Gram-negative aerobic bacteria are usually insensitive. It is well absorbed via the oral route, some drugs are metabolized in the liver, and the drug prototype and its metabolites are excreted by bile, urine and milk.

Spectinomycin is an aminocyclitol antibiotic and is also active against mycoplasma as well as some Gram-negative organisms including *E. coli* (involved in chronic respiratory disease (CRD) in poultry). It is not well absorbed from oral administration but well controlled clinical studies have proven the positive contribution of spectinomycin in the treatment of poultry CRD.

Lincomycin and spectinomycin have been shown to be synergistic in vitro against anaerobes.

Amoxicillin is a broad-spectrum semi-synthetic antibiotic of the penicillin group, which has bactericidal effect against gram-positive and gram-negative microorganisms (*E. coli*, *Campylobacter* spp., *Corynebacterium* spp., *Erysipelothrix* spp., *Clostridium* spp., *Streptococcus* spp., *Staphylococcus* spp., *Actinobacillus* spp., *Haemophilus* spp., *Pasteurella* spp., *Proteus mirabilis*, and *Salmonella* spp.). Amoxicillin prevents synthesis of bacteria cell walls, inhibiting the activity of enzymes of trans peptidase and carboxypeptidase, which causes osmotic balance disorders, resulting in death of microorganisms at their growth stage.

Amoxicillin remains stable in stomachs of animals. It is absorbed in larger quantities from digestive tract as

compared to ampicillin when administered orally. Amoxicillin is quickly distributed in body fluids, particularly – in synovial fluid. Its plasma protein binding level reaches 37-38%. The half-life period makes 0.7-1.4 h. It is primarily eliminated from the body with urine.

Vitamin E acts as natural antioxidant and improves the immune status of animals which helps to prevent and control diseases. Vitamin E is also involved in number of function carried out in body and helps in better reproduction, enrichment in eggs, enhance oxidative stability of meat, and enhance nutritional value of the meat.

INDICATIONS:

LINCOMOXEL PLUS Powder is used in the control of Aircacculitis Chorionic Respiratory Disease (CRD), Pneumonia, Fowl Cholera, Infectious Coryza, Fowl typhoid, Colibacillois, Infectious Enteritis, Omphalitis and other respiratory infections of growing chickens.

DOSAGE AND ADMINISTRATION:

Prevention: 1g per 3-4 liter of drinking water for 3-5 days.

Treatment: 1g per 2-3 liter of drinking water for 3-5 days.

PRECAUTIONS:

Use medicated drinking water within 24 hours.

Do not use in animals sensitive to penicillin.

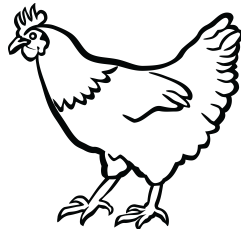
Consult the veterinarian before use.

Protect from light & moisture.

Keep out of the reach of children.

Store between 15-25°C in a cool and dry place.

Innovator's Specs



Manufactured by:
Selmores Pharmaceuticals (Pvt) Ltd.
36 Km Multan Road, Lahore, Pakistan.

