Prophylaxis

COMPOSITION:

Procaine benzylpenicillin eq.120 000 I.U. - Benzathine benzylpenicillin eq.80 000 I.U. - Dihydrostreptomycin sulphate eq. 200 mg base - Excipients up to 1 ml

INDICATIONS: Penicillin shows a marked bactericidal action against most commonly occurring Gram-positive cocci, bacilli and anaerobes, and also against some Gram-negative germs (e.g. Actinobacillus, Haemophilus, Leptospiren, some Pasteurella strains, anaerobes such as Fusobacterium and Bacteroides).

Dihydrostreptomycin is an aminoglycoside antibiotic predominantly active against Gram-negative cocci and bacilli, and also against some Gram-positive bacteria (e.g. Staph. aureus, Mycobacterium).

The combination of DHS and penicillin provides a bactericidal synergistic action with a broad spectrum.

Penstrep was used to prevent bacterial infection of the wound

Route of Administration: Intramuscular (gluteus)

Time administered: 2:28 pm

Dosage: 20,000 IU

Concentration: 200,000 IU

Volume: $\frac{20,000×80}{200,000}$= 8ml

CONTRAINDICATIONS: The drug is not administered to animals hypersensitive to penicillin and dihydrostreptomycin. Also, the composition cannot be administered simultaneously with general anesthetics, miorelaxant and magnesium preparations.

SIDE EFFECTS: Possible occurrence of allergies in susceptible species, anaphylaxis, excitation, hearing loss, abortion in sows and gilts.

WITHDRAWAL PERIOD: Meat-30 days. Milk-10 days