

Otetra-Vet[®] Injection

Oxytetracycline HCL BP

Composition:

Each ml clear aqueous solution contains Oxytetracycline BP 50 mg as hydrochloride.

Pharmacology:

Oxytetracycline is under group of Tetracycline's which bind to the 30s ribosomal subunit of bacterial ribosome and interfere with the binding of aminoacyl-tRNA to the mRNA molecule in ribosome complex. Thereby interfere with bacterial protein synthesis in growing or multiplying bacteria leading to bacteriostatic but higher concentration results bacteriocidal action.

Indication:

Cattle, Bultalo, Sheep and Goat : Anthrax, haemorrhagic septicaemia, black quarter, rinderpest, brucellosis, pyebnephritis, calf scour, infectious enteritis, malignant edema, dysentery, pneumonia, navel ill, liver infection, abscess, mastitis, pyometra, metritis, peritonitis, kiptospirosis, infectious plauropneumonia, calf diphtheria, castration, paratyphoid, foot-rot, salmonellosis, actinomycosis, anaplasmosis and secondary infections in FMD. Dog, Cat: Pneumonia, pleurisy, bronchitis, infectious enteritis and secondary infections in distemper.

Dosage and Administration:

Injection: 1 ml Otetra-Vet[®] injection is to be mixed with 3 ml of water for injection and to be administered to chicks of 1-28 days.

Age group	Daily dose
1 st day up to 2 weeks	0.5 ml per bird(diluted)
2-4 weeks	1 ml per bird (diluted)
4-8 weeks	0.5 ml per bird
Above 8 weeks	1 ml per bird
Adult	2 ml per bird

Injection is to be administered subcutaneously once daily for 4-5 days.

Injection:

Animal	Body weight	Daily dose
Cattle, Sheep, Horse	100 kg	20 ml
Sheep, Goat	10 kg	2 ml
Dog, Cat	5 kg	1 ml

Otetra-Vet[®] injectable solution can be administered intramuscularly or subcutaneous or intravenously. Intravenous injection is to be administered very slowly. Treatment is to be continued for 5 days.

Contraindication:

Do not administer by the intravenous route in the dog.

Do not administer by the subcutaneous route in the horse.

Side effect:

General toxicity is low although collapse has been reported with tetracycline in weak and debilitated animals.

Precaution:

Milk from lactating cows should not be taken for human consumption during treatment for 48 hours thereafter. Once opened, the contents of the vial should be used within a relatively short period. Dilution with solutions of calcium salts will cause precipitation and must be avoided.

Package quantity:

Injection: 10 ml x 10 vials in a box.