

ATROVET

INJECTION

For Veterinary Use Only

COMPOSITION

Each ml contains
Atropine Sulphate 1mg

INDICATIONS

Atrovet injection is indicated for the treatment of organophosphate (insecticide) poisoning, antidote for cardiovascular collapse following overdose of anticholinesterases, co-therapy in diarrhea, bradycardia (slow heartbeat rate), hypotension and reducing peristaltic movements.

Atrovet injection is also used as pre-anesthetic agent to prevent the secretions of respiratory tract.

PHARMACODYNAMICS

Atropine is an antimuscarinic agent which competitively antagonizes acetylcholine at postganglionic nerve endings, thus affecting receptors of exocrine glands, smooth muscles, cardiac muscles and the central nervous system. As a result atropine cause tachycardia, decreased production of saliva, sweat, bronchial, nasal, lachrymal and gastric secretions, decreased intestinal motility and inhibition of micturition.

PHARMACOKINETICS

After intravenous administration, peak heart rate increase occurs within 2 to 4

minutes. While after intramuscular administration peak blood level achieved within 30 minutes. Atropine is widely distributed throughout the body and crosses blood brain barrier as well. Atropine is metabolized in liver and the elimination half-life is about 3 to 5 hours.

DOSAGE AND ADMINISTRATION

Administer the following dose by intramuscular, intravenous and subcutaneous injection.

Cattle / Buffalo / Horse: 1ml per 15-30kg body weight.

Sheep / Goat: 1ml per 7-30kg body weight.

Dog / Cat: 0.1ml per 2-3kg body weight. In case of organophosphorus poisoning the dose can be doubled up to 0.5mg per kg body weight of which one quarter is administered intravenously, the rest subcutaneously.

PRECAUTIONS

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

Keep out of the reach of children.

To be dispensed strictly on prescription of the veterinarian only.

BP Specs.



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

