EUTALINPEL

EUTHANASIA

INJECTABLE SOLUTION

Health Registration No.:8A7-18760-AGROCALIDAD

Formula:

Each 100 ml contains:

Sodium pentobarbital	39 g
Sodium diphenylhydantoin	5 g
Excipients q.s. 39 g 5 g	100 ml

SPECIES AND DOSAGE:



SPECIES	REFERENCE DOSE	PRACTICAL DOSAGE
Canines	Pentobarbital sodium: 80 mg/kg Diphenylhydantoin sodium: 10 mg/kg	1 mL/5 kg

DOSAGE

ROUTE OF ADMINISTRATION: Intravenous only.

INDICATIONS:

Euthanasia is a delicate procedure that must be performed in accordance with professional ethics in animals suffering from incurable diseases that prevent them from having an optimal quality of life. EUTALINPEL is an euthanasia agent for intravenous use only, with rapid onset of action following administration. It contains two active ingredients that produce a painless and ethical euthanasia. Sodium pentobarbital produces an anesthetic effect and, at a lethal dose, causes depression of the motor areas of the brain and the respiratory muscle centers. Sodium diphenylhydantoin inhibits the spread of convulsive activity in the cerebral cortex.

ROUTE OF ADMINISTRATION: intravenous only.

PHARMACOKINETICS:

Pentobarbital is rapidly distributed throughout all body tissues, with high concentrations found in the brain. It takes effect within one minute of intravenous administration. It produces a rapid loss of consciousness, followed by deep anesthesia. Similarly, diphenylhydantoin is well distributed throughout the body, and approximately 78% binds to plasma proteins in dogs.

MECHANISM OF ACTION:

Sodium pentobarbital acts as a central nervous system depressant; it has the ability to enhance or mimic the synaptic inhibitory action of GABA, which contributes to its direct sedative or hypnotic effect. Diphenylhydantoin exerts its action by regulating the flow of calcium and sodium ions in nerve cells.

PRECAUTIONS- WARNINGS-CONTRAINDICATIONS:

Environment: The euthanasia procedure must be performed in a quiet environment free from distractions.

Restraint: Place the animal in a comfortable location and position appropriate for its size; it is important that the animal remain stable. The hold should be gentle and careful, yet controlled, to avoid putting the veterinarian or the owner at risk in the event of a reaction or bite reflex. Easy access to the vein must be ensured without causing stress to the animal. Once the procedure is complete, the veterinarian must verify that the heart has stopped beating.

The owner's presence during the procedure will help calm the animal

COMMERCIAL PRESENTATIONS

20-ml vial
50-ml vial