

Diazepet®

Tranquillizer and anticonvulsant for cats and dogs.
Sterile solution for injection.

Formula

Diazepam 500 mg
Excipients q.s. 100 mL

Indications

Diazepet is indicated for use as a sedative for the treatment of seizures, hyperexcitability management or as a muscle relaxant. It is often used in combination with other drugs as anesthetic premedication and anesthetic induction, which facilitates handling of the animal during anesthesia and allows for better recovery.

In some animals, particularly cats, diazepam is used in small doses as orexigenic and treatment of behavioral problems such as the urine spraying or aggression.

Dosage and Administration

Route of administration: intravenous, intramuscular and intrarectal injection.

Contrary to what occurs with other formulations, Diazepet can be combined in the same syringe with other drugs in aqueous solution such as ketamine.

Seizures: Dogs and cats: in general, the recommended dose of diazepam in both species is 0.2 mL/kg, administered intravenously. For administration in a single dose the suggested upper limit is the following:

- **Dogs:** 4 mL (20 mg)
- **Cats:** 1 mL (5 mg)

Diazepet can be administered rectally in dogs suffering seizures as a liquid solution at a dose of 1 mg/kg. We suggest this route, because the other routes of administration present difficulties during seizures.

The doses are indicative, in particular in the case of treatment of epileptic seizures when it is not possible to establish a fixed dose, as this must be based on effect.

In the treatment of status epilepticus, a dose of 0.5 to 1 mg/kg (0.1 to 0.2 mL of Diazepet per kg of bodyweight) is recommended, administered slowly by means of an intravenous bolus.

Anesthesia premedication: In dogs, diazepam is used to induce anesthesia at a dose of 0.27 to 0.44 mg/kg (0.05 to 0.08 mL of Diazepet per kg of bodyweight) administered intravenously, followed by ketamine 11 mg/kg intravenously. The duration of anesthesia is 5 to 22 minutes; recovery is characterized by 10 to 15 minutes of ataxia and incoordination. This dose is considered safe and effective as premedication, particularly in older dogs with heart disease, and can be increased to 0.6 mg/kg.

Behavioral problems and eating disorders in cats: as orexigenic in cats that are weak or suffer eating disorders and for behavioral problems such as urine spraying or aggression, diazepam can be administered in doses of 0.05 to 0.4 mg/kg IV or IM.

Interval between doses: It is not possible to establish a dose range, as in the case of premedication a single dose is used and for the treatment of seizures it is usually given as an emergency measure and then treatment is continued with oral anticonvulsants. For animals in status epilepticus the following doses are suggested:

- **Dogs:** 0.2 mL/kg administered as needed or every 6 hours.
- **Cats:** 1 to 4 mg in total every 12 to 24 hours.

Duration of treatment: The duration of treatment depends on the condition of the animal treated, the response to treatment and the appearance of any adverse effects.

Package

Vial containing 10 mL.