

Telazol

Indications

Cats

- Restraint
- Sedation prior to euthanasia
- Anesthesia combined with muscle relaxation

Dogs

- Restraint
- Sedation prior to euthanasia
- Minor procedures of short duration (~30 minutes) requiring mild to moderate analgesia

Pharmacokinetics (keep timing in mind to know how long before euthanasia to give medication- if you return to cage and wait too long effects may wear off)

Cats

- Time to effect: 1-7 minutes
- Duration: depends on dose (usually 21-60 minutes)

Dogs

- Onset of Action: 7.5 minutes
- Duration: ~27 minutes

Contraindications – (if using for sedation only)

- Severe cardiac, pulmonary, or pancreatic disease
- Renal toxicity (rabbits)

Potential Adverse Effects

- Respiratory depression-holding breath
- Pain after injection
- Vomiting
- Excessive salivation
- Vocalization
- Muscle rigidity

Dexdomitor

Indications

- Sedative and analgesic to facilitate handling for euthanasia or minor procedures

Pharmacokinetics (keep timing in mind to know how long before euthanasia to give medication- if you return to cage and wait too long effects may wear off)

Cats

- Time to effect: 15 minutes
- Duration: 1 hour

Dogs

- Onset of action: 35 minutes
- Duration: 40-50 minutes

Contraindications (if using for sedation only)

- Cardiovascular disease
- Respiratory disorders
- Liver/kidney disease
- Shock
- Severe debilitation
- Stress due to extreme heat, cold, or fatigue

Potential Adverse Effects

- Low blood pressure and Vasoconstriction-may make difficult to find a vein for euthanasia
- Pain on injection
- Some animals demonstrate excitation
- Slow heart rate
- Decreased respiration
- Hypothermia
- Vomiting

Acepromazine

Indications

- Aid in controlling aggressive animals
- Tranquilizer/sedative

Pharmacokinetics (keep timing in mind to know how long before euthanasia to give medication- if you return to cage and wait too long effects may wear off)

- Onset of action: 15 minutes
- Peak effects: 30-60 minutes
- Duration: 7.1 hours

Contraindications (if using for sedation only)

- Cardiac disease
- Hypovolemia
- Shock

Potential Adverse Effects

- Low Blood Pressure
- Cardiovascular collapse
- Decreased tear production
- Protrusion of penis
- Aggressiveness
- CNS stimulation
- Pain at injection site

-Odds & Ends-

Telazol

- After reconstitution...
 - Can be stored for 8 days at room temperature - 63 days if refrigerated
 - Refer to product package insert for exact expiration times after reconstitution
- Cats' eyes remain open after receiving- if using for sedation only when cat will be recovered use eye lubricant to avoid corneal ulcers
- Do not use solutions that contain a precipitate or are discolored

Dexdomitor

- Do not use in puppies <6 months or kittens <5 months
- Use with caution in animals with seizures
- Use eye lubricant after administration – especially in cats
- Recommended patients be fasted for 12 hours prior to use
- Store injection at room temperature – do not freeze

Acepromazine

- Dose dependent decrease in hematocrit can be seen in dogs within 30 minutes
- Giant breeds and greyhounds extremely sensitive to drug, while terrier breeds are somewhat resistant
- Atropine can be used to help with bradycardia
- Store protected from light
- Do not freeze injection



For dosing help visit:
www.vetcalculators.com

“Doggie and Kitty Magic”
dosing available through
AAPMA



Prepared by Bethany Moore,
Doctor of Pharmacy Candidate
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Sedation for Euthanasia: Review of Medications

