Dr. Kathy Cooney’s 2016 Pre-Euthanasia Sedation and Anesthesia Protocols

**Dogs** *(use large animal drug concentrations when possible)*

**Sedation protocol** (IM or SQ, however prefer SQ when working with Dexmedetomidine protocols)

Dexmedetomidine (0.5mg/ml) = 0.1 ml per 10# minus 0.1ml (ok to decrease total by 0.2mls over 50# bw)
(can substitute with Xylazine (100mg/ml) = 0.1ml per 10#)
Nalbuphine* (20mg/ml) = 0.1 ml per 10#
Acepromazine (10mg/ml) = 0.05 ml per 10#

Example combo for 50 lb dog = D (0.4ml), N (0.5ml), A (0.25ml) all combined in same syringe
*We use butorphanol when nalbuphine is backordered. Butorphanol (10mg/ml) = 0.1 ml per 10#

**Anesthesia protocol** (IM or SQ)

Telazol® (100mg/ml) = 0.1 ml per 10#
Xylazine (100mg/ml) = 0.025 ml per 10#
Acepromazine (10mg/ml) = 0.1 ml per 10#

Example combo for 50 lb dog = T (0.5ml), X (0.12ml), A (0.5ml) all combined in same syringe

**Cats**

**Anesthesia protocol** (IM or SQ)

Telazol®* (100mg/ml) = 0.15 ml for 2-5#
   0.25 ml for 5-10#
   0.3 ml for 10+#
Acepromazine (10mg/ml) = 0.1 ml for all BW

Example combo for a 7 lb cat = T (0.25ml), A (0.1ml) both combined in same syringe

You may reconstitute Telazol using 5ml acepromazine rather than sterile water. If you do, the ratio of Telazol and ace is 1:1, meaning the cat receives much more ace, which has proven to be just fine. Another option is to reconstitute Telazol using 2.5ml butorphanol or nalbuphine and 2.5ml ace.

or

Alfaxalone (10mg/ml) = 1.1 -1.5ml for most cats
Nalbuphine (20mg/ml) = 0.2ml for all BW
Acepromazine (10mg/ml) = 0.1ml for all BW

Example combo for a 7 lb cat = Alfaxalone (1.3ml), N (0.2ml), A (0.1ml)