

Atropine is used to reverse any signs of bradycardia

Epinephrine is used in case the animal develops an anaphylactic reaction.

Tolazoline is used to reverse Xylazin.

To administer Atropine:

* Dose: 0.04 mg/kg
* Concentration: 0.54 mg/mL
* Weight of Cow #126: 450kg

To administer Epinephrine:

* Dose: 0.02 mg/kg
* Concentration: 1 mg/mL
* Weight of Cow #126: 450kg

To administer 10% Tolazoline:

* Volume of Xylazin used: 0.6mL at concentration 20mg/mL
* Concentration of Tolazoline: 100mg/mL

*12mlmg/kg= Volume2 x 100mg/kg*

*Volume2= 12mlmg/kg/ 100 mg/kg*

*Volume2= 0.12ml*

For mildly depressed animals: **2** times xylazin dose: 0.12 ml x 2= *0.24ml*

For severely depressed animals: **4** times xylazin dose: 0.12 ml x 4= *0.48ml*