Xylazine has no effect on blood clotting time or other hematologic parameters.

In animals under the influence of xylazine, the respiratory rate is reduced as in natural sleep. Following treatment, a sleeplike state, the depth of which is dose-dependent, is usually maintained for 1 to 2 hours, while analgesia lasts from 15 to 30 minutes. The centrally-acting muscle relaxant effect causes relaxation of the skeletal musculature, complementing sedation and analgesia.

WARNING:

• This drug is not to be administered to horses that are to be slaughtered for food. Do not eat, drink or smoke while handling the veterinary drug product. Avoid skin and eye contact with the drug or its solution. If symptoms occur, seek medical advice. In the case of accidental oral intake or self-injection, seek the advice of a physician and show the package insert but DO NOT DRIVE.

• Keep out of reach of children. Do not eat, drink or smoke while handling the veterinary drug product. Avoid skin and eye contact with the drug or its solution. If symptoms occur, seek medical advice. In the case of accidental oral intake or self-injection, seek the advice of a physician and show the package insert but DO NOT DRIVE.

DISPOSAL:

Dispose unused drug or waste materials in accordance with the Provincial/Municipal guidelines.

STORAGE:

Store at room temperature, 15–30°C (59–86°F). Do not freeze. Store the vials in the upright position. Do not return any vials to the container. Discard any remainder 24 days after boiling. The stopper should not be punctured more than 24 times after boiling.

REFERENCES:

1. Intravenously - 0.5 mL/45 kg body weight (Equivalent to 1.1 mg/kg or 0.5 mg/lb)

2. Intramuscularly - 0.3 mL/45 kg body weight (Equivalent to 0.7 mg/kg or 0.3 mg/lb)

3. To attain a total dose of 2.3 mg/kg (1.0 mg/lb) or more, use 0.5 mL/45 kg body weight intravenous)

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7. Major surgical procedures:

a. When used as a preanesthetic to general anesthesia.

b. When used in conjunction with local anesthetics.

8. Minor surgical procedures of short duration such as debridement, removal of cutaneous neoplasms and suturing

9. Oral administration:

a. The drug should be administered by pharyngeal intubation and a nasogastric tube.

b. The drug should be administered by pharyngeal intubation and a nasogastric tube. Following intubation, the content of the ampule should be administered over 15 minutes using a 20-gauge needle and syringe.

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10. Xylazine is a potent sedative and analgesic as well as muscle relaxant. Its sedative and analgesic activity is related to central nervous system depression. Its muscle-relaxant effect is based on inhibition of the intraneural transmission of impulses in the peripheral nerves. Xylazine is effective within 10 to 30 minutes after intravenous injection and 15 to 30 minutes after intramuscular injection.

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