

## **XYLAZIN 2% INJ**

### **Composition:**

Contains per ml solution:

Xylazine (as HCl) ..... 20 mg

### **Description:**

Xylazine is an alpha-2 agonist with sedative, some analgesic and muscle relaxant properties. Sedation is dose-dependent, 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. A strong emetic effect is usual in cats and dogs. Xylazine induces strong cardiovascular effects e.g. bradycardia and increased blood pressure. Hyperglycaemia is also induced.  $\alpha$ 2-adrenoceptor blockers such as yohimbine and atipamezole may reverse the effects of xylazine.

### **Indications:**

Sedation, premedication for surgery and local or regional anaesthesia, in cattle, horses, sheep, goats, dogs and cats.

### **Contraindications:**

Use with care in elderly or debilitated patients which may be adversely affected by profound cardiovascular changes. Use with caution in the first month of pregnancy. Do not use in the latter stages of pregnancy except at parturition.

### **Dosage and administration:**

For intramuscular (IM), intravenous (IV) or subcutaneous (SC) administration.

Cattle, IM ..... 0.25 – 1.5 ml per 100 kg body weight

Horses, IV ..... 3 – 5 ml per 100 kg body weight

Sheep, IM ..... 0.1 – 0.25 ml per 10 kg body weight

Goats, IM ..... 0.025 – 0.1 ml per 10 kg body weight

Dogs, IM ..... 0.05 – 0.15 ml per kg body weight

Cats, IM ..... 0.15 ml per kg body weight

For combinations and dosages, and other animal species please consult a veterinary drug handbook or other reliable pharmacotherapeutic source.

For a correct dosage, the body weight should be determined with accuracy.

### **Side effects:**

Bradycardia, hypotension and vomiting. After high dosages (cattle: 3 ml per 100 kg; horses: 10 ml per 100 kg) respiratory depression can occur. Recumbent ruminants can become tympanic.

**Interactions:**

Horses: concurrent intravenous use of potentiated sulphonamides with alpha-2 agonists has been reported to cause fatal cardiac arrhythmias. Do not combine with neuroleptics or tranquilizers. Barbiturates have an additive effect and concurrent use may cause enhanced or prolonged respiratory depression and myocardial damage.

**Precautions and warnings:**

Keep the animals as calm as possible during administration and procedure. Animals can still react on approach (kicking) and resist against procedures whilst sedated. Sedated animals should remain under observation and segregated without water and feed until normal.

Avoid direct skin contact to prevent sensitisation and contact dermatitis, wash off splashes from the skin and eyes immediately.

This is a potent drug; particular care should be taken to avoid accidental self-administration.

In the event of accidental self-administration, seek urgent medical attention and show this datasheet to the doctor. Do not drive!

Advice to doctor: Do not leave patient unattended, Xylazin 2% inj is an alpha2- adrenoreceptor agonist. Maintain airways and give symptomatic and supportive treatment.

**Withdrawal times:**

None.

**Storage conditions:**

Store below 25°C. Do not freeze.

**Packing:**

25 ml vials.