xylacare® 2% Solution for Injection

A sedative with analgesic and muscle relaxant properties for use in cattle, horses, dogs and cats.

Presentation:
Xylacare 2% is a clear, colourless aqueous solution for injection. Each ml contains 20mg Xylazine base. Contains methyl hydroxybenzoate 1.8mg/ml and propyl hydroxybenzoate 0.2mg/ml as preservatives.

Uses:
Xylacare 2% is a sedative with analgesic and muscle relaxant properties for use in cattle, horses, dogs and cats where sedation is required, including:

1. Handling fractious animals e.g. for transportation
2. Medical examinations e.g. X-ray examination, removal of bandages, examination of the penis and oral cavity
3. Premedication for minor superficial operations and local or regional anaesthesia
4. Elimination of defecation when examining and treating the vagina, uterus and hindquarters.

Dosage and Administration

Cattle: Xylacare 2% solution is given by intramuscular injection taking precautions against contamination. The dose rate is 0.5 – 0.3mg/kg xylazine (0.25 to 1.5ml Xylacare 2% per 100kg bodyweight), according to the degree of sedation required. Very fractious animals may require higher dosage rates not exceeding 0.3mg/kg (Dose rate 4).

Dose	mg/kg	mg/50kg	ml/50kg
1	0.05	2.5	0.12
2	0.10	5.0	0.25
3	0.20	10	0.50
4	0.30	15	0.75

Horses: Xylacare 2% is given by slow intravenous injection. Dosage depends upon the degree of sedation required and the response of the animal and is 0.6 –1mg/kg (3 – 5ml/100kg) bodyweight. Nervous or excitable horses may require higher doses. Older horses and those having undergone severe physical exertion before treatment should receive the lowest dose rate. The horse does not usually become recumbent with Xylacare 2% and light to deep sedation with variable degree of analgesia is obtained. Effects are usually seen within 5 minutes and persist for approximately 20 minutes. Xylacare 2% may be employed in the horse as a premedication to barbiturate anaesthesia or in combination with regional or local anaesthesia.

Dogs: Xylacare 2% is administered intramuscularly at dose rates of 1 – 3mg/kg (0.05 – 0.15ml/kg bodyweight). It may be used in combination with a local anaesthetic. Premedication with atropine may be desirable in some cases. Xylacare 2% is synergistic with barbiturates and reduces the dosage of the latter by approximately one half.

Cats: Xylacare 2% is administered intramuscularly at dose rates of 3mg/kg (0.15ml/kg bodyweight). Premedication with atropine may occasionally be desirable.

Contra-indications, warnings etc.:
Do not administer by the intra-carotid route.
Careful consideration should also be given before administrating to animals exposed to stress conditions such as extreme heat, cold, high altitude or fatigue.
Following the use of Xylacare 2% in cattle profuse salivation, bloat and polyuria may occur. Tympany should be avoided in recumbent cattle by maintaining the animal in sternal recumbency. Provision should also be made for facilitating dependent drainage from the mouth to avoid inhalation asphyxia.
Side effects such as bradycardia, cardiac arrhythmia and polyuria may occur in the horse. Following intravenous administration to horses a transient rise followed by a fall in blood pressure usually occurs. Vomiting is commonly observed in dogs and cats following use of the product. Xylacare 2% should not be administered during the later stages of pregnancy because of the risk of inducing premature parturition. As the safety of xylazine use during organogenesis has not been fully demonstrated by current methods it should be used with caution during the first month of pregnancy.

Protection of consumers:
Animals must not be slaughtered for human consumption during treatment. Cattle may be slaughtered for human consumption only after 14 days from the last treatment. Not for use in animals from which milk is produced for human consumption. Not to be used in horses for human consumption. Treated horses may never be slaughtered for human consumption. The horse must have been declared as not intended for human consumption under national horse passport legislation.

Operator warnings:
Horses sedated with xylazine usually remain standing and may still kick with accuracy. Precaution should be taken to avoid accidental injection/self-injection. In the case of accidental oral intake or self-injection, seek medical advice immediately and show the package leaflet to the doctor but **DO NOT DRIVE** as sedation and changes in blood pressure may occur. Avoid skin, eye or mucosal contact. Immediately after exposure, wash the exposed skin with large amounts of fresh water.
Remove contaminated clothes that are in direct contact with skin. In the case of accidental contact of the product with eyes, rinse with large amounts of fresh water. If symptoms occur, seek the advice of a doctor. If pregnant women handle the product, special caution should be observed not to self-inject as uterine contractions and decreased foetal blood pressure may occur after accidental systemic exposure.

Advice to Doctors:
Xylazine is an alpha2-adrenoreceptor agonist. Symptoms after absorption may involve clinical effects including dose-dependant sedation, respiratory depression, bradycardia, hypotension, a dry mouth, and hyperglycaemia. Ventricular arrhythmias have also been reported. Respiratory and haemodynamic symptoms should be treated symptomatically.

General precautions:
Keep out of the reach of children.
For animal treatment only.

Pharmaceutical precautions: Store below 25˚C. Following withdrawal of the first dose, use the product within 28 days. Discard unused material. Keep vial in outer carton. When the container is broached (opened) for the first time, using the in-use shelf life which is specified on this package leaflet, the date on which any product remaining in the container should be discarded should be worked out. The discard date should be written in the space provided on the label.

Disposal advice: Dispose of any unused product and empty containers in accordance with guidance from your local waste regulation authority.

Legal authority: POM-V

To be supplied only on veterinary prescription.
UK authorised veterinary medicinal product.

Package quantities: Vials of 25ml.

Marketing authorisation: Vm 10347/4020

Date of preparation: November 2009

Manufactured in the EU
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