

# Lang's Solution

Hypertonic Intravenous Infusion for Horses

## INJECTABLES

**INTRAVENOUS ALKALINE HYPERTONIC SALINE  
INFUSION TO MAINTAIN FLUID AND ELECTROLYTE  
BALANCE IN HORSES**

### ACTIVE INGREDIENTS:

38g/L Sodium Chloride, 38g/L Sodium Citrate  
To provide: 23.2g/L Sodium Ions, 28.3g/L Citrate  
Ions and 22.4g/L Chloride Ions.



## Features

- Rapid rehydration effects, particularly useful following long distance transport or heavy exercise.
- Initiates the thirst reflex in Horses which are unwilling to drink.
- Restores cellular efficiency and body salts to ensure optimal athletic performance.

## Benefits

- Alters the blood profile from one of hypotonic contraction to hypertonic expansion; a gain of salts in excess of water.
- Ideal for rapid restoration of body fluid reserves.

### DIRECTIONS FOR USE/CONTRAINDICATIONS:

Administer entire contents of one 500mL pouch by intravenous (IV) infusion. This product is for use by veterinarians only. Ensure fresh, clean drinking water is available immediately after treatment, as horses will seek out water.

*IMPORTANT NOTE: The provision of adequate roughage (hay) will aid the prevention of dehydration due to fibrous matter in the hindgut acting as a storage reservoir for water and electrolytes. Horses must receive 1% of body weight daily in roughage provision.*

### DOSAGE RATES:

As directed by a veterinarian.

### PACK SIZE:

500mL pouch for sterile intravenous infusion



**Ranvet Pty Ltd**

10-12 Green Street, Banksmeadow NSW 2019 Australia

Ph: 612 9666 1744 . Fax: 612 9666 1755

Web: [www.ranvet.com.au](http://www.ranvet.com.au) . Email: [info@ranvet.com.au](mailto:info@ranvet.com.au)