Lactoride®

Hartmann's solution

Description

Lactoride is a sterile solution of Sodium Chloride, Potassium Chloride, Calcium Chloride and Sodium Lactate. Each 100ml of solution contains Sodium Chloride BP 0.6 g, Potassium Chloride BP0.04 g, Calcium Chloride BP0.027 g and Sodium Lactate 50% solution USP equivalent to 0.32 g of Sodium Lactate. The solution contains per litre Sodium 131 mmol, Potassium 5 mmol, Calcium 2 mmol, Bicarbonate (as lactate) 29 mmol, and Chloride 111 mmol.

Use

Lactoride is used to treat hypovolemia caused by surgery, hemorrhage and trauma. Excessive sweating, severe diarrhoea or vomiting, excess loss of fluid by nephrotic kidneys, inadequate intake of fluid and electrolytes etc. that may lead to typical hypovolemic shock may be corrected with Lactoride. Severe plasma loss caused by intestinal obstruction, burns or other denuding conditions of the skin may be treated with Lactoride. Lactoride is mainly used as a fluid and electrolyte replenisher. It may be used as an alternative to Sodium Bicarbonate in the treatment of metabolic acidosis associated with dehydration and to alkalinize urine.

Dose

The volume and rate of infusion will depend upon the requirements of the patients and the judgement of the physician. It usually varies with age, weight and clinical condition of the patient. The recommended flow rate is up to 100-drops/minute/70 kg body weight. In burn patients the dose of Lactoride according to the Parkland formula : 4ml/kg body weight/% of Body surface area (BSA) burn (e.g. for a 30% BSAburn of a person having 60 kg body weight, 4 x 60x30ml = 7200 ml of Lactoride would be required in 24 hours). Half of this within 8 hr, the remainder over 16 hr.

Precaution

Lactoride should not be administered rapidly or for prolonged periods. Since the solution contains different electrolytes, it should be infused with caution in patients where electrolyte imbalance may cause detrimental effects; e.g. in pregnancy, renal impairment, heart failure, pulmonary congestion, etc. or to patients receiving potassium sparing diuretics.

Warning

Infusion of fluid should be immediately discontinued if rigor arises for any reason during the process. Do not use if the solution is cloudy, contains particles, or after expiry date.

Storage

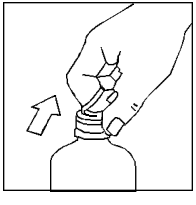
Lactoride should be stored at controlled room temperature.

Packaging

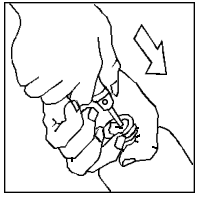
Available in 500ml and 1000ml bottle containing 0.6% w/v of Sodium Chloride, 0.04% w/v of Potassium Chloride, 0.027% w/v of Calcium Chloride, and 0.32 % w/v of Sodium Lactate.

Administration Procedure:

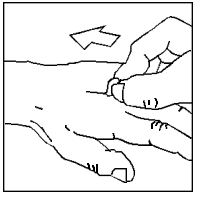
1. Check infusion set and infusion solution prior to use.
2. Pull moderately to tear off the protective cover of the Eurocap *(Picture-1).*
3. Hold lightly the Eurocap but not the bottle body *(Picture-2).*
4. Open the flow regulator fully and hold the giving set on the top white area, but not the memorane venting region *(Picture-2).*
5. Insert the spike of the administration set to the Eurocap and fit the connector of the administration set firmly to the needle *(Picture-2).*
6. Gradually allow the fluid to flow down to the needletip and close.
7. Remove the protective cover of the needle.
8. Locate the venpuncture site and clean the site with an antiseptic solution, and then insert the needle *(Picture-3).*
9. Securely tape the puncture site.
10. Securely tape the wings and tubing
11. Start infusion while adjusting drip speed.



Picture-1



Picture-2



Picture-3

BEXIMCO PHARMA

Manufactured by

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