

## Who can administer

May be administered by registered competent doctor or nurse/midwife

## Important information

- Different preparations of terlipressin are available (Terlipressin EVER Pharma, Haemopressin, Variquel, Glypressin) -these have different indications and are licensed at different doses for the same indication. The doses have been summarised in this document, regardless of brand used.
- For full information, see manufacturer's SPC

## Available preparations

Terlipressin 1mg per 5ml vial (EVER Pharma)

Haemopressin 1mg vial

Glypressin 1mg vial (not routinely stocked in GUH)

Variquel 1mg vial (not routinely stocked in GUH)

## Reconstitution

### **Terlipressin 1mg per 5ml vial (EVER Pharma)**

- Already in solution

### **Haemopressin and Glypressin**

- Add 5ml of solvent provided per 1mg vial
- Draw up solvent using a 5 micron filter needle

### **Variquel**

- Already in solution

## Infusion fluids

Not required- product ready for use

## Methods of intravenous administration

### **Bolus intravenous injection**

- Administer required dose over 1 minute
- Use a large peripheral vein or a central line <sup>(ref 4)</sup>

## Dose in adults

### **Short term management of bleeding oesophageal varices**

- Give 1 to 2mg, repeated every four to six hours as necessary, until bleeding is controlled, or a period of

72 hours has elapsed <sup>(ref 5)</sup>

## **Type 1 hepato-renal syndrome** <sup>(ref 6)</sup>

### **Usual starting dose**

- Give 1mg at six hour intervals, **for at least three days**
- If after three days of treatment the serum creatinine does not decrease by at least 30%, the dose may increase to a maximum of 2mg every six hours
- **No response to treatment:** *(Decrease in serum creatinine is less than 30% of baseline)*
  - Interrupt treatment by day 7
- **Complete response:** *(Decrease in serum creatinine below 133micromol/L for at least two consecutive days)*
  - Interrupt treatment
- **Incomplete response** *(Serum creatinine drops by at least 30% of baseline but is still greater than 133micromols/L on day 7)*
  - Treatment may be continued to a maximum of 14 days

## **Monitoring**

- Monitor blood pressure, heart rate, haematology, fluid balance and electrolytes

## **Storage**

Terlipressin 1mg per 5ml via (EVER Pharma): Store in a fridge

Haemopressin, Glypressin; Store below 25<sup>0</sup>C

Variquel; Store in a fridge

## **References**

- (1) Haemopressin SPC Feb 2021
- (2) Variquel SPC September 2021
- (3) Glypressin SPC July 2020
- (4) Injectable Medicines Administration Guide downloaded from Medusa 24/11/2021
- (5) Martindale accessed online November 2022
- (6) Terlipressin 1mg per 5ml via (EVER Pharma) Jan 28th 2022

## **Therapeutic classification**

Posterior pituitary hormone