

# Pantoprazole Intravenous for Adults

## Who can administer

May be administered by registered competent doctor or nurse/midwife

## Important information

- **High dose regimen:** unlicensed and is used for 72 hours only
- **Standard dose regimen:** data are available for use up to 7 days - unlicensed for longer durations.  
Switch to oral route as soon as possible

## Available preparations

Pantoprazole 40mg vial

## Reconstitution

**Sodium chloride 0.9% ONLY**

10mL per 40mg vial

## Infusion fluids

Sodium chloride 0.9% or Glucose 5%

## Methods of intravenous administration

**Can use either slow intravenous injection or intravenous infusion for 40mg doses - choice depends on practicalities such as time available, fluid status of patient, etc. High doses must be given by infusion as specified below**

### **Slow intravenous injection** <sup>(ref 1)</sup>

- Administer over at least 2 minutes

### **Intermittent intravenous infusion** <sup>(ref 1)</sup>

- Add required dose to 100mL infusion fluid and administer over 15 minutes

### **Loading dose infusion, followed immediately by continuous infusion (for bleeding gastric ulcer (unlicensed))** <sup>(ref 2,3)</sup>

- **Loading dose**

- Give 80mg
  - by slow intravenous injection - give two vials of 40mg, over 2 minutes each
  - **OR** by short infusion as above

- **Continuous infusion**

- Reconstitute two 40mg vials, each with 10ml Sodium chloride 0.9% taken from the same 100mL bag
- Return the reconstituted vials to the bag to give an 80mg in 100mL infusion solution

# Dose in adults

## Usual dose

- Give 40mg once daily

## High dose infusion for bleeding gastric ulcer (unlicensed)<sup>(ref 2,3)</sup>

- Loading dose: give 80mg <sup>(as detailed above)</sup>, FOLLOWED immediately by a maintenance dose of 8mg per hour for 72 hours ( = 10ml per hour of 80mg in 100ml infusion as reconstituted above)

## Zollinger-Ellison syndrome

- Initially 80mg (160mg if rapid acid control required (give doses above 80mg in two divided doses) then 80mg once daily (adjusted according to response)

## Renal impairment

- No dosage adjustment required

## Hepatic impairment

- Do not exceed 20mg daily in patients with severe hepatic impairment. Monitor liver enzymes, discontinue if liver function deteriorates

# Storage

- Store below 25<sup>0</sup>C
- Infusion must be changed every 12 hours (note: in most cases, the infusion will only last 10 hours if it is being administered at the rate specified above) <sup>(ref 1)</sup>

# References

SPC Pantoprazole Laboratories Azevedos 17/10/2019

1: Injectable Medicines Guide, Medusa Downloaded 05/02/2025

2: UpToDate, accessed online 05/02/2025

3: ASHP Injectable drug information, accessed from Medicinescomplete 05/02/2025

Search synonym Protium

# Therapeutic classification

Proton pump inhibitor