

Pabrinex (Vitamins B and C) Intravenous for Adults

Who can administer

May be administered by registered competent doctor or nurse/midwife

Important information

Global shortage of Pabrinex for 16 months from April 2024
Please follow guidelines below with regard to doses

Stock available	Pharmacy (location H-01)
	Emergency Department Zone B (controlled drug press - to be signed out of Pabrinex stock register)

- Two formulations available - one for IV one for IM use (IM preparation not routinely stocked in UCH). Please ensure the correct formulation is being used for the required route.
- Facilities for treating anaphylaxis should be available when administering this preparation

Available preparations

Pabrinex IV (2 ampoules) 2 x 5ml ampoules

Ampoule No. 1 contains	Ampoule No. 2 contains
Thiamine Hydrochloride Ph. Eur. 250mg Riboflavine (as Phosphate Sodium BP) 4mg Pyridoxine Hydrochloride Ph. Eur. 50mg	Ascorbic Acid Ph. Eur. 500mg Nicotinamide Ph. Eur. 160mg Anhydrous Glucose Ph. Eur. 1g

Reconstitution

Already in solution

Draw up using a 5 micron filter needle

Infusion fluids

Sodium chloride 0.9% or Glucose 5%

Methods of intravenous administration

Intermittent intravenous infusion (administer using an electronically controlled infusion device)

- Equal volumes of the contents of ampoules no. 1 and 2 should be added to 100mL infusion fluid
- Administer over 30 minutes
- Up to three pairs of ampoules may be added to 100mL bag
- A 50mL infusion may be used if required (eg fluid restriction) but the residual volume in the infusion line must be flushed through at the same rate to avoid significant underdosing

Dose in adults

Alcohol withdrawal ^(ref 1)

- **Severe symptoms**

- Do not use IV Pabrinex
- Give oral thiamine 100mg every eight hours for six weeks or until adequate nutritional status
UNLESS Wernicke's encephalopathy suspected (see Wernicke's Encephalopathy below)

- **Moderate symptoms**

- Do not use IV Pabrinex
- Give oral thiamine 100mg every eight hours for six weeks, or until adequate nutritional status

Treatment of suspected or established Wernicke's encephalopathy ^(ref 1,2)

- Give two pairs every eight hours for two days, followed by one pair once daily for a further three days (followed by maintenance oral thiamine)

Storage

- Store below 25⁰C

References

SPC November 2018

1: Local recommendations, based on expert opinion, considering worldwide shortage of Pabrinex

2: UpToDate, accessed online 29th April 2024

Therapeutic classification

Multivitamin preparations