

PANCURONIUM

BRAND NAME	PANCURONIUM INJECTION BP
DRUG CLASS	Non-depolarising neuromuscular blocker
AVAILABILITY	Ampoule contains 4 mg/2 mL of pancuronium bromide. Also contains sodium acetate and sodium chloride. ¹
WARNING	Paralyzing agent - causes respiratory arrest. Facilities for maintenance of airway and a reversal agent must be readily available. ²
pH	3.5–4.2 ¹
PREPARATION	Not required
STABILITY	Ampoule: store at 2 to 8 °C. Do not freeze. Can be kept out of the fridge during periods of normal use in theatre. ¹ Infusion solution: stable for 24 hours at 2 to 8 °C. ¹
ADMINISTRATION	
IM injection	Not recommended
SUBCUT injection	Not recommended
IV injection	Suitable. Inject undiluted over a few seconds. ¹ Flush the line after each dose to avoid re-paralysis during recovery. ²
IV infusion	No information
IV use in infants and children	Inject undiluted or dilute to 1 mg/mL and inject over a few seconds. For continuous infusion dilute to 0.1–1 mg/mL with a compatible fluid. ^{1,3}
COMPATIBILITY	
Fluids	Glucose 5% ¹ , glucose 5% in sodium chloride 0.9% ¹ , glucose 5% in sodium chloride 0.45% ¹ , Hartmann's ¹ , Plasma-Lyte 148 via Y-site ⁴ , sodium chloride 0.9% ¹
Y-site	Compatibility information is available for concentrations of 0.05–0.1 mg/mL. ⁵ Consult the pharmacist, pharmacy department or medicines information service for advice.
INCOMPATIBILITY	
Fluids	No information
Drugs	Caspofungin ⁶ , furosemide ⁶ , quinine ¹ , thiopental sodium ⁶
SPECIAL NOTES	Continuous monitoring is required.

REFERENCES

1. Product Information. Available from www.tga.gov.au. Accessed 16/10/18.
2. ISMP Medication Safety Alert, Acute Care. Horsham, PA: Institute for Safe Medication Practices. 2016; 21: 12. Available from www.ismp.org.au. Accessed 16/06/16.
3. Phelps S, Hagemann TM, Lee KR, Thompson AJ. Pediatric injectable drugs. 11th ed. Bethesda, MD: American Society of Health-System Pharmacists; 2018.
4. OneCall Medical Information Service. Y-Site compatibility of intravenous drugs with Plasmalyte 148. Toongabbie, NSW: Baxter; 2015.
5. McEvoy GK editor. Handbook on injectable drugs. 18th ed. Bethesda, MD: American Society of Health-System Pharmacists; 2015.
6. Pancuronium bromide. In: IV index [internet]. Trissel's 2 clinical pharmaceuticals database (parenteral compatibility) Greenwood Village, CO: Truven Health Analytics. Accessed 2/08/16.