

Critical Care Guidelines
FOR CRITICAL CARE USE ONLY

PHENYLEPHRINE

PRESENTATION:	Ampoules containing 10mg/mL of phenylephrine
INDICATION:	Epidural hypotension
DOSE AND ADMINISTRATION:	ICU STANDARD INFUSION
	Dilute 10mg in 100mL sodium chloride 0.9%
DOSE:	Starting dose: 15-30mL/hr (25-50micrograms/min) Maximum dose: 60mL/hr (100mcg/min)
CONCENTRATION:	100micrograms/mL
STABILITY:	Physically and chemically stable for 24 hours at room temperature.
ADDITIONAL INFORMATION:	Also stable in glucose 5%.

References

1. Summary of Product Characteristics
 - a. Phenylephrine 10mg/ml, concentrate for solution for injection/infusion (Martindale Pharma). Accessed via [Phenylephrine 10 mg/ml, concentrate for solution for injection/infusion - Summary of Product Characteristics \(SmPC\) - \(emc\) \(medicines.org.uk\)](#) Last revised 25/2/19.
 - b. Phenylephrine 100micrograms/ml solution for injection or infusion (Aguettant Ltd). Accessed via [Phenylephrine 100 micrograms/ml solution for injection or infusion - Summary of Product Characteristics \(SmPC\) - \(emc\) \(medicines.org.uk\)](#) Last revised 17/02/20.
 - c. Phenylephrine Injection BP 10mg/ml (Advanz Pharma). Accessed via [Phenylephrine Injection BP 10 mg/ml - Summary of Product Characteristics \(SmPC\) - \(emc\) \(medicines.org.uk\)](#) Last revised 26/8/21.
2. The Injectable Medicines Guide: Phenylephrine monograph. Accessed via [Injectable Medicines Guide - Display - Phenylephrine hydrochloride - Intravenous - Version 11 - IVGuideDisplayMain.asp \(medusaimg.nhs.uk\)](#) Last revised 12/6/21.
3. Handbook of Drug in Intensive Care (6th edition) – Phenylephrine.

Critical Care Guidelines: PHENYLEPHRINE	
Authors: Erin Fraser	
Document Version: 4	Authoriser: Lothian Critical Care Directorate QIT Editorial Board
Authorisation Date: June 2023	Review Date: June 2025

FOR CRITICAL CARE USE ONLY