

Adrenaline (Epinephrine)

Form:	1 in 10,000 (1mg per 10ml) prefilled syringe (Resuscitation trolley only) 1 in 1,000 (1mg per 1ml) ampoule
Reconstitution:	Prefilled syringe: Already in solution Ampoule: Already in solution. <u>Dilute further before IV administration.</u>
Administration Method:	<u>IV injection</u> Use 1 in 10,000 (1mg per 10ml) prefilled syringe where available. If the prefilled syringe is not available the 1 in 1,000 (1mg per 1ml) preparation may be diluted to 1 in 10,000. Dilute 1 ml with 9mls Sodium Chloride 0.9% and mix well. Give by rapid IV injection. Administer via a central venous access device if already in place, or into a large peripheral vein. IV injection administered via a peripheral vein should be followed by a 20ml flush of Sodium Chloride 0.9% to aid entry into the central circulation. <u>IV infusion</u> Contact ITU/Pharmacy for guidance.
Extravasation:	Tissue infiltration may lead to local ischaemia. Tissue necrosis may occur due to low pH. Administer via a central venous access device if possible.
Compatibility & Stability:	Sodium Chloride 0.9% Glucose 5%
Special Notes:	<ul style="list-style-type: none"> • Repeated local administration may produce necrosis at the sites of injection. • Intramuscular injections of Adrenaline into the buttocks should be avoided because of the risk of tissue necrosis. • Discoloured solutions or solutions containing precipitate should not be used. • For IM injection, use 1 in 1,000 (1mg per 1 ml) ampoule.

Information provided relates to Adrenaline manufactured by MercuryPharma and prefilled syringes manufactured by Aurum.

This information has been summarised to act as a guide for those administering IV medication. The monograph should be used in conjunction with the drug data sheet and BNF for information on dose, adverse effects, cautions and contra-indications. Further information is available from Pharmacy on 22146 or 22542