

## FOR ICU USE ONLY

### ADRENALINE

<b>PRESENTATION:</b>	Ampoules containing 1mg/ml of adrenaline.
<b>INDICATION:</b>	Inotropic support with variable degree of vasoconstriction and vasodilation. Bronchospasm and anaphylaxis.

#### DOSE AND ADMINISTRATION: ICU STANDARD INTRAVENOUS INFUSION

The infusion prepared depends on the dose and infusion rate. See table below.

Strength	Adrenaline (mg)	Glucose 5% (ml)	Comments
<b>Single Strength</b> Final concentration 80 micrograms/ml	8mg 20mg 40mg	100ml 250ml 500ml	Remove volume of glucose 5% from bag equivalent to volume of adrenaline which is to be added
<b>Double strength</b> Final concentration 160 micrograms/ml	40mg 80mg	250ml 500ml	
<b>Quadruple strength</b> Final concentration 320 micrograms/ml	80mg 160mg	250ml 500ml	

Initially 1-7mls/hour (0.01-0.1 micrograms/kg/min) of single strength titrated to required level.

Infuse through a central venous catheter.

Single Strength may be infused via a large peripheral vein until central venous access is established. Closely monitor the insertion site for the development of phlebitis.

<b>CONCENTRATION:</b>	80micrograms/ml 160micrograms/ml 320micrograms/ml
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<b>STABILITY:</b>	Physically and chemically stable for 24 hours at room temperature. Protect from light.
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<b>ADDITIONAL NOTES:</b>	Also stable for 24 hours in 0.9% sodium chloride but more stable in glucose 5%. Do not use if discoloured or has a precipitate.
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#### References

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<b>Key Words/comments</b>	
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