

Cotrimoxazole

Cotrimoxazole dosing may be weight based; ensure accuracy of documented weight before administration				
Form	400mg Sulphamethoxazole and 80mg Trimethoprim per 5 mL ampoule	Store below 25°C		
Reconstitution	Already in solution Draw up using a 5 micron filter needle Dilute further before administration.			
Compatibility & Stability	Sodium Chloride 0.9% Glucose 5% Crystallisation or turbidity may develop at any time; inspect during infusion and discard if present.			
Administration	IV Infusion			
	Dilute each 5mL ampoule with 125mL of compatible fluid e.g.			
	Dose	volume	Diluent volume	Fluid Restriction Glucose volume
	480mg	5mL	125mL	75mL
	960mg	10mL	250mL	150mL
	1440mg	15mL	500mL	225mL
	1920mg	20mL	500mL	300mL
	2400mg	25mL	1000mL	375mL
	2880mg	30mL	1000mL	450mL
	3360mg	35mL	1000mL	525mL
Administration	After adding co-trimoxazole to the infusion solution, shake thoroughly to ensure complete mixing.			
	Administer over 60 - 90 minutes.			
	Preferably administer via a central venous access device to avoid potential venous irritation. If given peripherally, choose a large vein and monitor the injection site closely.			
	Fluid restricted patients: Each 5mL injection may be diluted with at least 75mL of glucose 5% and administered over 1 hour due to reduced stability.			
Administration	Cotrimoxazole may be administered undiluted as an infusion via a central line, over 90 to 120 minutes			
Extravasation	<ul style="list-style-type: none">Extravasation may cause tissue damage. Monitor injection site for signs of phlebitis.Pain, local irritation, inflammation, and rarely thrombophlebitis may occur with IV use especially if extravasation occurs.			
Monitor	<ul style="list-style-type: none">Full blood counts frequently during treatment, especially if signs and symptoms of blood disorders occurfluid balanceinjection sitethe patient closely for skin reactionsserum sodium and potassium closely in those at risk of hyperkalaemia and hyponatraemia			

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

Additional Information	Co-trimoxazole is a mixture of trimethoprim and sulfamethoxazole in the proportions of 1 part to 5 parts (i.e. trimethoprim to sulfamethoxazole 16 mg : 80 mg/mL)
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Information provided relates to Co-trimoxazole manufactured by Aspen (Septrin®) or Merckle (Cotrim - ratiopharm® unlicensed).