

Acetazolamide

Indication	Metabolic Alkalosis																				
Dose	500mg as a “once only” dose																				
Preparation	<p>Acetazolamide vials contain 500mg acetazolamide</p> <ol style="list-style-type: none"> 1. Draw 10ml of Water for Injections into a syringe 2. Add to the vial <p>Draw up the dose into a 10ml syringe</p>																				
Administration	<p>Given as a slow bolus injection over at least 3 minutes</p> <p>Acetazolamide can be given via a peripheral or central line</p>																				
Shelf-life	Use immediately																				
Common Compatibility Issues	Bolus dose is not applicable																				
Additional information	<p>Due to the pH of the reconstituted injection it is preferable to administer via a central line. If administered peripherally it must be given into a large vein and the cannula site monitored closely.</p> <p>Carbonic anhydrase inhibitors can cause increased excretion of bicarbonate, sodium and potassium so levels should be monitored</p> <p>Metabolic acidosis can cause hypokalaemia so potassium levels should be monitored closely and replaced as necessary</p> <p>Acetazolamide is an sulphonamide so patients allergic to sulfamethoxazole or hydrochlorothiazide should not receive it</p> <p>Use of acetazolamide in this way is unlicensed</p>																				
Sample Label	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr style="background-color: yellow;"> <th colspan="4" style="text-align: center;">DRUGS ADDED TO THIS INFUSION</th> </tr> </thead> <tbody> <tr> <td colspan="3"> PATIENT <i>A. Patient (A. Number)</i> </td> <td> WARD ICU </td> </tr> <tr> <td> DRUG <i>Acetazolamide</i> </td> <td> AMOUNT <i>500mg</i> </td> <td> ADD BY </td> <td> CHECKED BY </td> </tr> <tr> <td> DATE ADDED TIME ADDED </td> <td> EXP. DATE EXP. TIME </td> <td colspan="2"> BATCH No. </td> </tr> <tr style="background-color: yellow;"> <td colspan="4" style="text-align: center;">DISCONTINUE IF CLOUDINESS OR PRECIPITATE DEVELOPS</td> </tr> </tbody> </table> <p>Not required as a bolus dose</p>	DRUGS ADDED TO THIS INFUSION				PATIENT <i>A. Patient (A. Number)</i>			WARD ICU	DRUG <i>Acetazolamide</i>	AMOUNT <i>500mg</i>	ADD BY	CHECKED BY	DATE ADDED TIME ADDED	EXP. DATE EXP. TIME	BATCH No.		DISCONTINUE IF CLOUDINESS OR PRECIPITATE DEVELOPS			
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For review August 2025

Documentation Controls

Development of Guideline:	Pharmacist – Critical Care & Theatres
Consultation with:	Pharmacy Department
Approved By:	ICU Sister's Meeting: June 2023 ICU Risk & Quality Meeting: August 2023 Surgical Division
Review Date:	August 2025
Key contact:	Pharmacist – Critical Care & Theatres

References

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***** End of Monograph *****