

Midazolam																					
<b>Indication</b>	Sedation to facilitate mechanical ventilation																				
<b>Dose</b>	<p><b>Loading Dose</b> 0.03-0.3mg/kg</p> <p><b>Maintenance Dose</b> 0-8mg per hour (0.03 – 0.2mg per kg per hour)</p> <p>Doses should be based on ideal body weight for patients with BMI OVER 30.</p> <p><b>***MIDAZOLAM INFUSIONS SHOULD BE APPROVED BY CONSULTANTS BEFORE BEING PRESCRIBED ***</b></p>																				
<b>Preparation</b>	<p>Midazolam vials contain 50mg in 50ml (1mg/ml)</p> <p>Draw the contents of a 50ml vial into a 50ml syringe</p>																				
<b>Administration</b>	Continuous infusion via a peripheral or central line																				
<b>Shelf-life</b>	24 hours at room temperature																				
<b>Common Compatibility Issues</b>	Midazolam is considered compatible with atracurium, ciprofloxacin, clindamycin, fentanyl, insulin or noradrenaline at concentrations normally used on UHDB ICU. See unit compatibility chart for more information.																				
<b>Additional information</b>	<p><b>Caution</b> Many Midazolam preparations are available on the unit, take care to select the correct product.</p> <p>Midazolam preparations need to be ordered in the Midazolam CD order book (Kept in the CD cupboard)</p> <p>Midazolam can accumulate in the presence of hepatic or renal impairment. Sedation holds are especially important in this group of patients.</p> <p>Clinical effects of midazolam can be reversed by administration of flumazenil.</p>																				
<b>Sample Label</b>	<table border="1" style="width: 100%; background-color: #ffff00;"> <thead> <tr> <th colspan="4" style="text-align: center;"><b>DRUGS ADDED TO THIS INFUSION</b></th> </tr> </thead> <tbody> <tr> <td colspan="3"> <b>PATIENT</b>  <i>A. Patient (A. Number)</i> </td> <td> <b>WARD</b>  <i>ICU</i> </td> </tr> <tr> <td> <b>DRUG</b>  <i>Midazolam</i>  <i>in 50ml</i> </td> <td> <b>AMOUNT</b>  <i>50mg</i>  <i>(1mg/ml)</i> </td> <td> <b>ADD BY</b> </td> <td> <b>CHECKED BY</b> </td> </tr> <tr> <td> <b>DATE ADDED</b>  <b>TIME ADDED</b> </td> <td> <b>EXP. DATE</b>  <b>EXP. TIME</b> </td> <td colspan="2"> <b>BATCH No.</b> </td> </tr> <tr> <td colspan="4" style="text-align: center;"><b>DISCONTINUE IF CLOUDINESS OR PRECIPITATE DEVELOPS</b></td> </tr> </tbody> </table>	<b>DRUGS ADDED TO THIS INFUSION</b>				<b>PATIENT</b> <i>A. Patient (A. Number)</i>			<b>WARD</b> <i>ICU</i>	<b>DRUG</b> <i>Midazolam</i> <i>in 50ml</i>	<b>AMOUNT</b> <i>50mg</i> <i>(1mg/ml)</i>	<b>ADD BY</b>	<b>CHECKED BY</b>	<b>DATE ADDED</b> <b>TIME ADDED</b>	<b>EXP. DATE</b> <b>EXP. TIME</b>	<b>BATCH No.</b>		<b>DISCONTINUE IF CLOUDINESS OR PRECIPITATE DEVELOPS</b>			
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### Documentation Controls

Development of Guideline:	Pharmacist – Critical Care & Theatres
Consultation with:	Pharmacy Department, Critical Care Nursing & Medical teams
Approved By:	Adult Drug Monograph Process Written/Reviewed by Tien Vu December 2023 Checked By Munthar Miah December 2023
Review Date:	December 2026
Key contact:	Pharmacist – Critical Care & Theatres

### References

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