

## Vecuronium

Vecuronium dosing is weight based; ensure accuracy of documented weight before administration		
CAUTION: High Administration Risk Rating		
<b>Form &amp; Storage</b>	10mg powder for solution for injection	Store between 2-8°C. Do not freeze. Keep in outer carton.
<b>Dose</b>	80–100 micrograms/kg; (by intravenous injection) maintenance 20–30 micrograms/kg, adjusted according to response Usual range 0.8- 1.4mcg/kg/min	
<b>Reconstitution</b>	Reconstitute each vial with 5 mL Water for Injections to give 2 mg/mL solution	
<b>Compatibility &amp; Stability</b>	Sodium chloride 0.9% Glucose 5%	
<b>Administration</b>	<p><b>IV injection</b> Bolus given over one minute</p> <p><b>IV infusion (continuous)</b> Administered via syringe pump to control rate of administration.  Dilute 50mg (25mL) with an equal volume of sodium chloride 0.9% or glucose 5% to give 50mg in 50mL (1mg in 1mL)</p>	
<b>Monitoring</b>	Monitor blood pressure and heart rate	
<b>Extravasation</b>	<ul style="list-style-type: none"> <li>Extravasation is likely to cause tissue damage. The undiluted solution has a low pH. 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.</li> </ul>	
<b>Additional Information</b>	<ul style="list-style-type: none"> <li>To avoid excessive dosage in obese patients, dose should be calculated on the basis of ideal body weight. Refer to Ideal Body Weight calculator on the microguide app.</li> <li>Vecuronium should only be administered under the close supervision of an experienced anesthetist<sup>1</sup> with adequate facilities for endotracheal intubation and artificial ventilation.</li> </ul>	

*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 22142 or 22546.*