

Lidocaine

Form:	Lidocaine 2% (100mg per 5 ml) ampoules																														
Reconstitution:	Already in solution																														
Administration Method:	<p><u>IV Injection</u> Give 50 - 100mg over 2 minutes and flush immediately with 20ml sodium chloride 0.9%.</p> <p><u>IV Infusion</u> Infusions of 2mg/ml generally used, but up to 8mg/ml if fluid restricted. Do not use solutions containing preservatives for IV use.</p> <ul style="list-style-type: none"> <p>For 2mg/ml solution (1g in 500ml) Add 50 ml of 2% Lidocaine to 450ml of compatible infusion fluid to give 500ml of a solution containing 2mg/ml Lidocaine.</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>Dose mg/min</th> <th>Rate ml/hour</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">1</td> <td style="text-align: center;">30</td> </tr> <tr> <td style="text-align: center;">2</td> <td style="text-align: center;">60</td> </tr> <tr> <td style="text-align: center;">3</td> <td style="text-align: center;">90</td> </tr> <tr> <td style="text-align: center;">4</td> <td style="text-align: center;">120</td> </tr> </tbody> </table> <p>For 4mg/ml solution (2g in 500ml) Add 100 ml of 2% Lidocaine to 400ml of compatible infusion fluid to give 500ml of a solution containing 4mg/ml Lidocaine.</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>Dose mg/min</th> <th>Rate ml/hour</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">1</td> <td style="text-align: center;">15</td> </tr> <tr> <td style="text-align: center;">2</td> <td style="text-align: center;">30</td> </tr> <tr> <td style="text-align: center;">3</td> <td style="text-align: center;">45</td> </tr> <tr> <td style="text-align: center;">4</td> <td style="text-align: center;">60</td> </tr> </tbody> </table> <p>For 8mg/ml solution (400mg in 50ml) Add 20 ml of 2% Lidocaine to 30ml of compatible infusion fluid to give 50ml of a solution containing 8mg/ml Lidocaine. This may be used with a syringe pump in fluid restricted patients.</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>Dose mg/min</th> <th>Rate ml/hour</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">1</td> <td style="text-align: center;">7.5</td> </tr> <tr> <td style="text-align: center;">2</td> <td style="text-align: center;">15</td> </tr> <tr> <td style="text-align: center;">3</td> <td style="text-align: center;">22.5</td> </tr> <tr> <td style="text-align: center;">4</td> <td style="text-align: center;">30</td> </tr> </tbody> </table> 	Dose mg/min	Rate ml/hour	1	30	2	60	3	90	4	120	Dose mg/min	Rate ml/hour	1	15	2	30	3	45	4	60	Dose mg/min	Rate ml/hour	1	7.5	2	15	3	22.5	4	30
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Extravasation:	Extravasation is likely to cause tissue damage due to acidic pH (<5).																														
Compatibility & Stability:	Glucose 5% Sodium Chloride 0.9%																														
Special Notes:	<ul style="list-style-type: none"> ECG monitoring is required. 																														

Information provided relates to Lidocaine Mini-Plasco[®] manufactured by B Braun.

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