

Immunoglobulin, human normal – Kiovig®

Kiovig® dosing is weight based; ensure accuracy of documented weight before administration																																																																
CAUTION: High Administration Risk Rating																																																																
Form	Bottles containing Normal Human Immunoglobulin (IVIg) 100mg/mL : 2.5g in 25mL, 5g in 50mL, 10g in 100mL, 20g in 200mL, 30g in 300mL																																																															
Reconstitution	Already in solution																																																															
Compatibility & Stability	Dilution not generally required but KIOVIG may be diluted with glucose 5% solution to a final concentration of 50 mg/mL (5% immunoglobulin).																																																															
Administration Method	<p>The solution should be clear or slightly opalescent and colourless or pale yellow. Do not use solutions that are cloudy or have deposits.</p> <p>IV Infusion Initial rate 0.5mL/kg per hour for 30 minutes. If the patient tolerates the infusion well, the dose may be increased at 30 minute intervals up to a maximum of 6ml/kg/hour. Use an infusion pump.</p> <p>Infusion rates based on a range of body weights:</p> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th rowspan="2" style="background-color: #e1f5fe;">Prescribed rate in mL/kg/hr</th> <th colspan="7" style="background-color: #e1f5fe;">Patient's weight (kg)</th> </tr> <tr> <th style="background-color: #ffffcc;">40</th> <th style="background-color: #ffffcc;">50</th> <th style="background-color: #ffffcc;">60</th> <th style="background-color: #ffffcc;">70</th> <th style="background-color: #ffffcc;">80</th> <th style="background-color: #ffffcc;">90</th> <th style="background-color: #ffffcc;">100</th> </tr> </thead> <tbody> <tr> <th colspan="8" style="background-color: #e1f5fe;">Infusion rate in mL/hour</th> </tr> <tr> <th style="background-color: #ffffcc;">0.5</th> <td>20</td> <td>25</td> <td>30</td> <td>35</td> <td>40</td> <td>45</td> <td>50</td> </tr> <tr> <th style="background-color: #ffffcc;">1</th> <td>40</td> <td>50</td> <td>60</td> <td>70</td> <td>80</td> <td>90</td> <td>100</td> </tr> <tr> <th style="background-color: #ffffcc;">2</th> <td>80</td> <td>100</td> <td>120</td> <td>140</td> <td>160</td> <td>180</td> <td>200</td> </tr> <tr> <th style="background-color: #ffffcc;">4</th> <td>160</td> <td>200</td> <td>240</td> <td>280</td> <td>320</td> <td>360</td> <td>400</td> </tr> <tr> <th style="background-color: #ffffcc;">6</th> <td>240</td> <td>300</td> <td>360</td> <td>420</td> <td>480</td> <td>540</td> <td>600</td> </tr> </tbody> </table>	Prescribed rate in mL/kg/hr	Patient's weight (kg)							40	50	60	70	80	90	100	Infusion rate in mL/hour								0.5	20	25	30	35	40	45	50	1	40	50	60	70	80	90	100	2	80	100	120	140	160	180	200	4	160	200	240	280	320	360	400	6	240	300	360	420	480	540	600
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Documentation Requirements	This is a blood product, therefore batch and expiry should be recorded in patient's notes.																																																															
Adverse Drug Reactions	Infusion related reactions: <u>In case of adverse reaction, either the rate of administration must be reduced or the infusion stopped.</u>																																																															
Monitoring	<ul style="list-style-type: none"> Monitor BP, heart rate, oxygen saturation, respiratory rate and temperature during initial rate and hourly during infusion. Monitor urine output and serum creatinine levels. 																																																															
Additional Information	<ul style="list-style-type: none"> In all patients, IVIg administration requires: <ul style="list-style-type: none"> - adequate hydration prior to the initiation of the infusion of IVIg - avoidance of concomitant use of loop diuretics Prescriber should round dose down to nearest whole vial size to minimise waste. 																																																															

Information relates to Kiovig® manufactured by Shire.

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