

## Iron as Ferric Carboxymaltose (Ferinject®)

Ferinject® dosing is weight based; ensure accuracy of documented weight before administration

**CAUTION: High Administration Risk Rating**

<b>Form</b>	1000mg in 20ml vial (50mg/ml)																												
<b>Reconstitution</b>	Already in solution																												
<b>Compatibility &amp; Stability</b>	Sodium Chloride 0.9% <b>ONLY</b>																												
<b>Administration</b>	<p><b>IV Infusion - Preferred</b></p> <ul style="list-style-type: none"> <li>Administer via a largest possible suitable vein using a small gauge cannula, e.g. 24G (or 22G if 24G unavailable) <b>and monitor the injection site closely.</b></li> </ul> <p>Suggested dilution for intravenous infusion.</p> <table border="1"> <thead> <tr> <th>Volume of Ferinject® required</th> <th>Equivalent Iron dose</th> <th>Max volume of sterile sodium chloride 0.9%</th> <th>Minimum administration time</th> </tr> </thead> <tbody> <tr> <td>2-4ml</td> <td>100-200mg</td> <td>50ml</td> <td>No minimum time</td> </tr> <tr> <td>&gt;4-10ml</td> <td>&gt;200-500mg</td> <td>100ml</td> <td>6 minutes</td> </tr> <tr> <td>&gt;10-20ml</td> <td>&gt;500-1000mg</td> <td>250ml</td> <td>15 minutes</td> </tr> </tbody> </table> <p><b>IV Injection – choose a large vein</b> May be administered by iv injection using undiluted solution.</p> <table border="1"> <thead> <tr> <th>Volume of Ferinject® required</th> <th>Equivalent Iron dose</th> <th>Administration rate/Minimum administration time</th> </tr> </thead> <tbody> <tr> <td>2-4ml</td> <td>100-200mg</td> <td>No minimum time</td> </tr> <tr> <td>&gt;4-10ml</td> <td>&gt;200-500mg</td> <td>100mg iron/minute</td> </tr> <tr> <td>&gt;10-20ml</td> <td>&gt;500-1000mg</td> <td>15 minutes</td> </tr> </tbody> </table>	Volume of Ferinject® required	Equivalent Iron dose	Max volume of sterile sodium chloride 0.9%	Minimum administration time	2-4ml	100-200mg	50ml	No minimum time	>4-10ml	>200-500mg	100ml	6 minutes	>10-20ml	>500-1000mg	250ml	15 minutes	Volume of Ferinject® required	Equivalent Iron dose	Administration rate/Minimum administration time	2-4ml	100-200mg	No minimum time	>4-10ml	>200-500mg	100mg iron/minute	>10-20ml	>500-1000mg	15 minutes
Volume of Ferinject® required	Equivalent Iron dose	Max volume of sterile sodium chloride 0.9%	Minimum administration time																										
2-4ml	100-200mg	50ml	No minimum time																										
>4-10ml	>200-500mg	100ml	6 minutes																										
>10-20ml	>500-1000mg	250ml	15 minutes																										
Volume of Ferinject® required	Equivalent Iron dose	Administration rate/Minimum administration time																											
2-4ml	100-200mg	No minimum time																											
>4-10ml	>200-500mg	100mg iron/minute																											
>10-20ml	>500-1000mg	15 minutes																											
<b>Monitoring</b>	Patient should be observed for adverse effects for at least 30 minutes following each administration.																												
<b>Adverse Drug Reactions</b>	<p>Parenterally administered iron preparations can cause hypersensitivity reactions including serious and potentially fatal anaphylactic/anaphylactoid reactions; cardio respiratory resuscitation facilities and equipment should be available. Hypersensitivity reactions have also been reported after previously uneventful doses of parenteral iron complexes. If hypersensitivity reactions or signs of intolerance occur the treatment must be stopped immediately.</p> <p>The risk is enhanced for patients with:</p> <ul style="list-style-type: none"> <li>known allergies including drug allergies, patients with a history of severe asthma, eczema or other atopic allergy.</li> <li>immune or inflammatory conditions (e.g. systemic lupus erythematosus, rheumatoid arthritis).</li> </ul>																												
<b>Extravasation</b>	Extravasation at the injection site may lead to irritation of the skin and potentially long lasting brown discolouration. In case of extravasation, the administration of ferric carboxymaltose must be stopped immediately.																												
<b>Additional Information</b>	Maximum dose for single administration is 1000mg (dose should not exceed 20mg/kg body weight for administration by intravenous infusion and dose should not exceed 15mg/kg body weight for administration by intravenous injection). Maximum cumulative dose is 1000mg per week. Use IBW if patient is overweight.																												

**Information provided relates to Ferinject® manufactured by Vifor.**

*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*