





# IV Iron Preparations for Treatment of Iron Deficiency Anaemia (IDA) in Australia

Name Brand	Formulation	Full Cost PBS 2021 <sup>‡</sup>	ADULT Administration See Australian Product Information for updates	SA Medicine Formulary <a href="http://www.sahealth.sa.gov.au/medicinesformulary">www.sahealth.sa.gov.au/medicinesformulary</a>
<p><b>Iron Polymaltose</b> FERROSIG<sup>®</sup></p> 	<p><b>100 mg iron in 2 mL</b> 50 mg/mL</p> <p>IV or IM (not recommended)</p>	<p>5 x 100 mg ampoules \$31.26</p>	<p><b>Total dose IV infusion</b> (up to 2500 mg) in 500 mL 0.9% sodium chloride*</p> <ul style="list-style-type: none"> <li>• first 50 mL infused at 20 to 40 mL/h.</li> <li>• then increase to 120 mL/h.</li> </ul> <p>For dosing see PI and hospital protocols. Nb. Renal unit protocols to treat functional iron deficiency are commonly for 500 mg doses (or 100 mg doses on haemodialysis). <b>IM injection:</b> See PI (but not recommended).</p>	<p>No Formulary restriction. Used in inpatients (unless eligible for ferric carboxymaltose – see below).</p>
<p><b>Ferric Carboxymaltose</b> FERINJECT<sup>®</sup></p> 	<p><b>100 mg iron in 2 mL</b> 50 mg/mL</p> <p><b>500 mg iron in 10 mL</b> 50 mg/mL</p> <p><b>1000 mg iron in 20 mL</b> 50 mg/mL</p> <p>IV only</p>	<p>2 x 500 mg vials \$298.76</p> <p>1 x 1000 mg vial \$298.74</p> <p>(100 mg vial not PBS listed)</p>	<p><b>IV infusion:</b> maximum single dose is 20 mg/kg up to 1000 mg, no more than once per week. For dosing tables to calculate the total body iron deficit &amp; for dosing in pregnancy, see PI &amp; hospital protocols. For doses:</p> <ul style="list-style-type: none"> <li>• greater than 500 mg, up to and including 1000 mg, dilute in 100 mL (or 250 mL) 0.9% sodium chloride and infuse over at least 15 minutes.</li> <li>• greater than 200 mg, up to and including 500 mg, dilute in 100 mL 0.9% sodium chloride and infuse over at least 6 minutes.</li> </ul> <p>Doses 100 mg to 200 mg or IV bolus: see PI.</p>	<p>Restricted Formulary inclusion:</p> <ul style="list-style-type: none"> <li>• <b>Outpatients, on discharge and day patients</b> 2 years or older ONLY. Patients under 2 years on advice of Paediatric Haematology. 500 mg/10 mL and 1000 mg/20 mL vials eligible for PBS supply.</li> <li>• Inpatients 2 years or older available via Streamlined Non Formulary Approval Process: <ul style="list-style-type: none"> <li>- second dose to complete treatment course, where first dose was given in outpatient setting</li> <li>- OR proven intolerance (not systemic hypersensitivity) to iron polymaltose.</li> </ul> </li> </ul>
<p><b>Iron Sucrose</b> VENOFER<sup>®</sup></p> 	<p><b>100 mg iron in 5 mL</b> 20 mg/mL</p> <p>IV only</p>	<p>5 x 100 mg ampoules \$38.09</p>	<p>See PI &amp; hospital protocols for dosing &amp; administration.</p> <ul style="list-style-type: none"> <li>• <b>IV Infusion:</b> For doses of 100 mg, dilute in a maximum of 100 mL 0.9% sodium chloride, rate of 100 mg over at least 15 minutes, not more than 3 times per week. For doses of 200 mg to 500 mg, see <a href="#">New Zealand PI</a> &amp; hospital protocols.</li> </ul> <p><b>IV doses:</b> on haemodialysis see PI &amp; hospital protocols.</p>	<p>Restricted Formulary inclusion:</p> <ul style="list-style-type: none"> <li>• Proven systemic hypersensitivity to iron polymaltose or ferric carboxymaltose.</li> </ul>
<p><b>Ferric Derisomaltose</b> MONOFER<sup>®</sup></p> 	<p><b>500 mg iron in 5 mL</b> 100 mg/mL</p> <p><b>1000 mg iron in 10mL</b> 100 mg/mL</p> <p>IV only</p>	<p>3 x 500 mg vials \$444.63</p> <p>1 x 1000 mg vial \$298.74</p>	<p><b>IV infusion:</b> maximum single dose is 20 mg/kg up to 1500 mg, not more than once per week.</p> <p>For dosing to calculate the total body iron deficit see PI. Dilute in 100 mL 0.9% sodium chloride and infuse:</p> <ul style="list-style-type: none"> <li>• Doses of 1000 mg or less over 20 minutes.</li> <li>• Doses greater than 1000 mg over at least 30 minutes.</li> </ul> <p>For bolus doses, see PI.</p>	<p>Not listed on the Formulary as of April 2021.</p> <p>For SA Medicines Formulary updates refer to <a href="http://www.sahealth.sa.gov.au/medicinesformulary">www.sahealth.sa.gov.au/medicinesformulary</a></p>

Long-lasting brown STAINING of the skin may occur due to leakage of iron into tissues around injection site & may be permanent. \*Iron polymaltose at accelerated infusion rates is used in some hospitals as per local protocols. See [www.sahealth.sa.gov.au/bloodsafe](http://www.sahealth.sa.gov.au/bloodsafe) for IV iron patient leaflet & prescribing checklist with indications, contraindications & precautions for IV iron. Consider individual patient needs when prescribing. ALWAYS refer to current PRODUCT INFORMATION, HOSPITAL PROTOCOLS & FORMULARY Guidelines. ‡Patient co-payments for PBS items (Jan 2021): Concession = \$6.60 General = \$41.30. The full cost (dispensed price for the maximum quantity as in the PBS schedule) is given to highlight the true cost of the medicine

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IV iron preparations (and vial sizes) available in Australia on the PBS, April 2021

