

# IV Iron Preparations for Treatment of Iron Deficiency in Australia

Name Brand	Formulation	Full Cost PBS 2024 <sup>‡</sup>	ADULT Administration: See Australian PI for updates; for paediatric & <a href="#">obstetric dosing</a> <sup>^</sup> see specific local protocols	SA Medicine Formulary (July 2024) <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 \$33.89</p>	<p><b>Total dose IV infusion</b> (up to 2500 mg) in 500 mL 0.9% sodium chloride:<sup>#</sup></p> <ul style="list-style-type: none"> <li>• first 50 mL infused at 20 to 40 mL/hr;</li> <li>• then increase to 120 mL/hr.</li> </ul> <p>For dosing see Product information (<a href="#">PI</a>) &amp; hospital protocols. Nb. Renal unit protocols to treat functional iron deficiency are commonly for 500 mg doses (or 100 mg doses on haemodialysis).</p>	<p>No Formulary restriction on use.</p> <p>Used in inpatients (unless eligible for ferric carboxymaltose or ferric derisomaltose– 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 \$300.19</p> <p>1 x 1000 mg vial \$300.18</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 <a href="#">PI</a> &amp; hospital / SA 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 <a href="#">PI</a>.</p>	<p>Formulary restrictions on use:</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: <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>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 10 mL</b> 100 mg/mL</p> <p>IV only</p>	<p>3 x 500 mg vials \$424.17</p> <p>1 x 1000 mg vial \$285.60</p>	<p><b>IV infusion:</b> maximum single dose is 20 mg/kg up to 1500 mg, not more than once per week. For dosing tables to calculate total body iron deficit see <a href="#">PI</a> &amp; hospital protocols. 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 IV bolus doses, see <a href="#">PI</a>.</p> <p>Has a lower risk of causing hypophosphataemia than ferric carboxymaltose (FERINJECT<sup>®</sup>).</p>	<p>Formulary restrictions on use: <b>Outpatients, discharge and day patients</b> (eligible for PBS supply) 18 years or older.</p>
<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 \$39.53</p>	<p>See <a href="#">PI</a> &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 hospital protocols &amp; <a href="#">New Zealand PI</a>.</li> </ul> <p><b>IV doses:</b> on haemodialysis see <a href="#">PI</a> &amp; hospital protocols.</p>	<p>Formulary restrictions on use: Proven systemic hypersensitivity to other intravenous iron product(s) on the Formulary.</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>

<sup>#</sup>Iron polymaltose at accelerated infusion rates (or dilution in a smaller volume) is used in some hospital protocols. <sup>\*</sup>Refer to ferric carboxymaltose (FERINJECT) PI for special warning/precaution regarding low blood phosphate. ALWAYS refer to current [Product Information](#) (PI), Hospital Protocols, [SA Formulary](#),<sup>^</sup> [SA Perinatal Practice Guideline \(Perinatal Anaemia & IV iron\)](#). Long-lasting or permanent brown skin staining may occur due to leakage of iron around IV site or more distantly. See [SA Health BloodSafe page](#) for IV iron patient leaflet, IV Iron Prescribing Checklist with indications, contraindications & precautions. Full cost (dispensed price for maximum quantity as in PBS schedule) is given to highlight the true cost of the medicine. <sup>‡</sup>Patient co-payments for PBS items (Jan 2024): Concession = \$7.70 General = \$31.60. TP-L3-811 v4.0 18/07/24, Page 1 of 2

IV iron preparations (and vial sizes) available in Australia on the PBS, July 2024

