

Prescribing and administering Ferinject® (Ferric Carboxymaltose) by intravenous infusion

Step 1 – Calculate dose

The dose of Ferinject® should be individually calculated based on the patient's weight and haemoglobin level. The maximum single dose is 1000mg or 20mg/kg, whichever is lower. Where the total dose required exceeds this, the dose should be split over two or three infusions, with each dose being given at least 1 week apart. The required dosing schedule should be taken from the table below:

Weight	Hb<100g/l		Hb≥100g/l (& <130g/l)	
25-34kg	Week 1	500mg	Week 1	500mg
	Week 2	No further dose	Week 2	No further dose
	Week 3	No further dose	Week 3	No further dose
35-37kg	Week 1	500mg	Week 1	500mg
	Week 2	500mg	Week 2	500mg
	Week 3	500mg	Week 3	No further dose
38-49kg	Week 1	750mg	Week 1	500mg
	Week 2	750mg	Week 2	500mg
	Week 3	No further dose	Week 3	No further dose
50-69kg	Week 1	1000mg	Week 1	1000mg
	Week 2	500mg	Week 2	No further dose
	Week 3	No further dose	Week 3	No further dose
≥70kg	Week 1	1000mg	Week 1	1000mg
	Week 2	1000mg	Week 2	500mg
	Week 3	No further dose	Week 3	No further dose

Step 2 – Prescribe on electronic prescribing

For inpatients only, Ferinject® doses should be prescribed as STAT doses on the Hospital Electronic Prescribing and Administration (HEPMA) system. Where subsequent doses require to be given, these should also be prescribed to ensure it is not missed. If the patient is discharged prior to administration of any subsequent doses, arrangements should be made for the patient to receive these doses as an outpatient.

Step 3 – Prescribe on high risk infusion chart

For all patients, Ferinject® doses should be prescribed on a high risk infusion chart.

- Ferinject® should be given in 100ml of sodium chloride 0.9% when administered as an IV infusion.
- Only sodium chloride 0.9% should be used for flushing.
- No additional therapeutic agents should be added to the bag.
- Ferinject® should be administered over 15 minutes.
- For 750mg doses, the dose should be made up using 1x500mg and 3x100mg vials in order to minimise wastage.