

Table 1: Oral iron preparations

Generic names [available formulations]	Product names	Amount of iron (varies depending on the preparation between tablets, liquids, elixirs, etc.)		Comments
		Total dose	Elemental iron	
Ferrous gluconate [available as tablets]	Fergon	240-325mg	27-38mg	Non-heme iron products. These products contain higher amounts of elemental iron compared to heme-iron containing products.
Ferrous sulfate [available as liquid, elixir, suspension, tablets, timed-release tablets and enteric coated tablets]	Feosol Slow FE Fer-iron Fer-In-Sol Mykidz Iron	75-325mg	15-65mg	These are also associated with greater GI toxicity compared to heme-iron products.
Ferrous fumarate [available as regular and timed release tablets]	Femiron Ferretts Ferro-Sequels Hemocyte Ircan	63-325mg	20-106mg	
Polysaccharide-iron complex [available as capsule and elixir]	Niferex Nu-Iron Ferrex-150 ProFe Poly-Iron 150		60-180mg	
Iron polypeptide as dietary supplements	Proferrin ES		12mg	Heme-iron product
Combined heme and non-heme dietary iron supplement	Bifera		6mg as iron-polypeptide 22mg as polysaccharide-iron complex	

Table 2: Intravenous iron preparations*

Generic names	Product names	Amount of iron per dose	Duration of dose administration [approximate]
Ferric gluconate	Ferrlecit	125mg	2 hours
Iron sucrose	Venofer	200mg	75 minutes
Ferumoxytol	Feraheme	510mg	Rapid infusion
Iron dextran [#]	INFeD [low molecular weight dextran] Dexferrum [high molecular weight dextran]	50mg/mL – dose calculated based on weight and hemoglobin to replace total iron stores in a single infusion	3-4 hours
Ferric carboxymaltose [@]	Ferinject	1gram	15 minutes

* All intravenous iron products can be associated with potentially life threatening allergic reactions

[#] High molecular weight carries the highest risk of life threatening allergic reaction, which occur in about 11 per million doses administered. This is less with the low molecular weight dextran (3 per million doses).

[@] Not available in the USA