

Drug	BLACK BOX WARNING	Available in the United States	Total Dose Infusion or >500 mg infusion	Molecular weight (in Daltons)	Half life	Test dose required	ROUTE OF DELIVERY	Use in Pregnancy (CATEGORY)	Monitoring during administration	Ferritin peak
<b>IRON DEXTRAN PRODUCTS</b>										
INFeD <sup>®</sup> (iron dextran) by Sanofi –Aventis  LMW	+	+	+	165,000	5.2 HOURS  Functional iron available in 4-5 days	+	IV*	⊗  Category C	+	7-9 days
Cosmofer (Pharmacosmos, Holbaek, Denmark. Distributor: Nebo, Denmark) <i>SAME AS INFED LMW</i> AVAILABLE: Europe	+		+	165,000	4-5 DAYS	+	IV	⊗  Category C	+	7-9 days
Dexferrum <sup>®</sup> (iron dextran) by American Regent.  HMW	+*	+	+	265,000	59 HOURS	+	IV	⊗  Category C	+	
DexIron (American Regent, Shriley, NY) <i>SAME AS DEXFERRUM HMW</i> AVAILABLE: Canada	+*		+	265,000	59 HOURS	+	IV	⊗  Category C	+	
Infufer (Sabex, Boucherville, Quebec, Canada) <i>SAME AS INFED LMW</i> AVAILABLE: Canada	+		+	165,000	4-5 DAYS	+	IV	⊗  Category C	+	7-9 days

		MODIFIED		IRON	DEXTRAN				
Feraheme Generic Name: Ferumoxytol Injection  (US, Israel, and Europe)		+	+	750,000	15 Hours  8 days-for functional iron availability		IV	⊗  Category C	28-35 days
<b>FERRIC GLUCONATE</b>									
Ferrlecit <sup>®</sup> (Na ferric gluconate complex) by Sanofi-Aventis AVAILABLE: United States, Germany, Italy, Israel, Hungary		+		289,000-440,000	1 hour		IV	Category B	24 hours after last infusion
<b>IRON POLYMALTOSE</b>									
Iron Polymaltose Maltofer (Vifor International, St. Galen, Switzerland)  AVAILABLE: South America, Europe and Asia		⊗	+		22 hours	+	IV	Category A	
Iron Polymaltose Injection  (Ferrum-H, Ferrosig- Aspen Pharmacare Australia)  AVAILABLE: Australia, India		⊗	+	462,000	22 hours	+	IV		21 days

IRON SACCHARATE										
Fesin (Yoshitomi, Osaka, Japan) <b>AVAILABLE: Japan</b>		⊗					IV			
IRON SUCROSE										
Venofer (Vifor International, St. Galen, Switzerland) Worldwide availability		+	⊗	34,000-60,000	6 hours		IV	Category B		24 hours after last infusion
OTHER										
ferric carboxymaltose (Ferinject) Vifor (International) Inc., St Gallen, Switzerland <b>( Not in US )</b>			+	150,000	16 hours		IV			24 days

\* = IM route approved but rarely used due to reported ADE specific to injection site.

⊗ = does not apply      + = applies

+\* = some literature reports a higher percentage of ADE's than other agents in similar category: Chertow GM, Mason PD, Vaage-Nilsen O, Ahlmén J. Update on adverse drug events associated with parenteral iron. Nephrol Dial Transplant. 2006 Feb;21(2):378-82. Epub 2005 Nov 11. PubMed PMID: 16286429.