

## Regina Area Iron Comparison

	<u>Iron Sucrose</u> PP-290 Intravenous Iron Therapy	<u>Iron Isomaltoside*</u> PP-673 Iron Isomaltoside (Monoferric™) Therapy for use in Ambulatory Care ONLY
Maximum Single Dose	300 mg	1500 mg
Maximum single dose per kg	7 mg/kg	20 mg/kg
Infusion Time Per Visit	2 hours	1 hour
Number of Visits	5-10	1-2
Total time for course of therapy	10-20 hours	1 to 2 hours
Parking Costs per patient per course of therapy (\$1/0.5 hour)	\$25-50	\$3-6
Target Population	Inpatients	Outpatients
Cost/100 mg	\$40	\$45
Total Drug Cost Per 1500 mg	\$600	\$675
Total RN Time, IV tubing, Parking and Drug Cost Per 1500 mg	\$1110	\$735
Serious Adverse Event Rate	<1 per million	<1 per million
Differences in adverse events	Rate dependent hypotension, flushing more common, resolves after cessation and slower infusion rate	Musculoskeletal pain at initiation of infusion more common; resolves after cessation and restarting
Hemoglobin Peak Response	8 weeks	Faster rise in hemoglobin weeks 1-5 and peaks by 8 weeks
Outpatient Pearl	For the time taken for every 1 outpatient treated with iron sucrose, 10 could be treated with Iron Isomaltoside	
	Inpatients who have started iron sucrose in hospital should be transitioned to Isomaltoside as an outpatient	

\*Iron Isomaltoside (Monoferric™) is currently not covered under the provincial drug plan

