



Riverbend Medical Center Regional Infusion Center (RIC)
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IRON SUCROSE INFUSION (v. 04/10/2024)

Diagnosis/Indication: _____

Medications:

- .. Iron sucrose 200 mg in 200 mL of normal saline over 30 minutes IV x 5 doses within 14 days (non-dialysis patient)
- .. Iron sucrose 500 mg in 250 mL of normal saline over 3 hours IV every 2 weeks (non-dialysis patient) x _____ doses
- .. Iron sucrose 300 mg in 250 mL of normal saline over 2 hours IV on day 1 and 15 then 400 mg in 250 mL of normal saline over 3 hours IV on day 28 (peritoneal dialysis patients receiving ESA treatment)
- .. Methylprednisolone 125 mg IV x 1 dose (pre-iron infusion- optional)
- .. Diphenhydramine 25 mg PO x 1 dose (pre-iron infusion- optional)
- .. Sodium chloride 0.9% at 100 mL/hr. Run concurrent with iron infusions as needed for vein discomfort (optional)

*Maximum iron sucrose dose 1000 mg in 14 day period

Nursing communications:

- Vital signs: Initial and as needed
- Monitor patient for signs and symptoms of hypersensitivity (anaphylaxis, flushing, dyspnea, tachycardia, increased blood pressure)
- Slow rate 50% for rate-related reactions like chest discomfort

Access:

- .. Insert peripheral IV
 - Every visit, remove after IV administration complete
- .. Access & Use Central Line/ CVAD
 - Initiate Central Line (Non-PICC) Maintenance Protocol
 - Heparin, porcine (PF) 100 unit/mL flush 5 mL as needed for Port-a-Cath line care
 - Alteplase (Cathflo) 2 mg as needed for occluded catheter. For clearing central line catheter- retain in catheter for 30 minutes to 2 hours, instill a 2nd dose if occluded
- .. Access & Use PICC
 - Initiate PICC Maintenance Protocol
 - Normal saline flush 3 mL as needed for PICC/ Hickman line care
 - Alteplase (Cathflo) 2 mg as needed for occluded catheter. For clearing central line catheter- retain in catheter for 30 minutes to 2 hours, instill a 2nd dose if occluded

Emergency Medications:

- Diphenhydramine (BENADRYL) 25 to 50 mg IV as needed for mild to moderate drug reactions (flushing, dizziness, headaches, diaphoresis, fever, palpitations, chest discomfort, blood pressure changes (≥ 20 points in SBP), nausea, urticaria, chills, pruritic).
 - Administer 25 mg IV once, if reaction does not resolve in 3 minutes may repeat 25 mg IV dose for a total of 50 mg and contact provider.
- MethylPREDNISolone sodium succinate (Solu-MEDROL) 125 mg IV once as needed for shortness of breath, continued symptoms of mild to moderate drug reaction (flushing, dizziness, headaches, diaphoresis, fever, palpitations, chest discomfort, blood pressure changes (≥ 20 points in SBP), nausea, urticaria, chills, pruritic) that worsen or persist 5 minutes after administration of diphenhydramine (Benadryl). Contact provider if given.
- Epinephrine 0.3 mg IM once for anaphylaxis. If reaction does not resolve in 3 minutes may repeat 0.3 mg IM dose for a total of 0.6 mg. Avoid use of hand, foot, leg veins in elderly patient and those with occlusive vascular disease. Contact provider if given.
- Famotidine (PEPCID) 20 mg IV once as needed for infusion/ allergic reaction.

Patient name and DOB _____

Provider printed name: _____

Provider signature: _____

Height _____ Weight _____

Date: _____ Time: _____