

# Chronic Maintenance In-Center Hemodialysis Standing Orders - Iron

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## Sodium ferric gluconate (ICD10- D63.1)

- 1. Goal:** Iron saturation 30 - 50%; Ferritin 500 - 1200 ng/ml.
- 2. Labs:** (ICD10 = E83.10)
  - a. Draw iron labs quarterly (ferritin and iron saturation) Jan.-Apr.-Jul.-Oct. or as indicated by table below.
  - b. Wait a minimum of 7 days after the last dose of Sodium ferric gluconate before drawing iron labs. May wait until next monthly lab draw.
- 3. Test Dose:** Administer Sodium ferric gluconate test dose of 25 mg (2 cc of a 62.5 mg vial) IV over 3 minutes for the first dose only to assure no allergic reaction.
- 4. Infection/Antibiotics:** HOLD IV iron if patient has signs of significant infection or is on antibiotics.
- 5. Sodium ferric gluconate dosing:**
  - a. Based on most recent iron labs give IV Sodium ferric gluconate and draw labs per table below.
  - b. Doses with frequency "q run" may be given up to 3x/week depending on patient's dialysis schedule.
  - c. Weekly dosing should be given on the mid-week run.

If	And	Actions	
<b>Ferritin &lt; 500</b>	<b>Iron Saturation</b>	<b>IV Sodium ferric gluconate Dose</b>	<b>Draw Iron Labs</b>
	<b>&lt; 20%</b>	125 mg q run x9	7 days after last dose Based on labs move to new dose
	<b>20 - 30%</b>	125 mg q run x 6	7 days after last dose Based on labs move to new dose
	<b>31 - 50%</b>	125 mg q week x 3	7 days after last dose Based on labs move to new dose
	<b>&gt; 50%</b>	Hold Sodium ferric gluconate	Quarterly

**Northwest Kidney Centers**

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<b>If</b>	<b>And</b>	<b>Actions</b>	
<b>Ferritin 500 - 800</b>	<b>Iron Saturation</b>	<b>IV Sodium ferric gluconate Dose</b>	<b>Draw Iron Labs</b>
		< 20%	125 mg q run x 6 7 days after last dose Based on labs move to new dose
		20 - 30%	125 mg q run x 3 then 62.5 mg q 2 weeks Quarterly
		31 - 50%	62.5 mg q week x 3 then 62.5 mg q month Quarterly
>50%	Hold Sodium ferric gluconate Quarterly		
<b>If</b>	<b>And</b>	<b>Actions</b>	
<b>Ferritin 801 - 1200</b>	<b>Iron Saturation</b>	<b>IV Sodium ferric gluconate Dose</b>	<b>Draw Iron Labs</b>
		< 20%	62.5 mg q 2 weeks x 2 7 days after last dose Check with MD re: further doses
		20 - 30%	62.5 mg q month x 2 Quarterly
		31 - 50%	Hold Sodium ferric gluconate Quarterly
>50%	Hold Sodium ferric gluconate Quarterly		
<b>If</b>	<b>And</b>	<b>Actions</b>	
<b>Ferritin &gt;1200</b>	<b>Iron Saturation</b>	<b>IV Sodium ferric gluconate Dose</b>	<b>Draw Iron Labs</b>
		< 20 %	Check with MD Quarterly (unless otherwise ordered)
		20 - 30 %	Hold Sodium ferric gluconate Quarterly
		31 - 50 %	Hold Sodium ferric gluconate Quarterly
> 50 %	Hold Sodium ferric gluconate Quarterly		

**6. Hemoglobin:**

- a. If hemoglobin  $\geq$  12, iron saturation  $>$  30%, and ferritin  $>$  800, hold Sodium ferric gluconate.
- b. If hemoglobin  $\geq$  12, iron saturation  $\leq$  30%, contact MD for direction.

Suzanne Watnick, MD  
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 Physician Name (Please Print)

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 Physician signature  
 (*see Initial Orders*)

\_\_\_\_\_  
 Date

**Patient Name** \_\_\_\_\_ **NKC#** \_\_\_\_\_