

Peritoneal Dialysis Programs

Standing Orders – Iron

Iron Sucrose (Venofer) (ICD10 = D63.1)

1. **Goal:** Iron saturation 25 - 35%; Ferritin 500 - 800 ng/ml.
2. **Labs:** (ICD10 = E83.10)
 - a. Draw iron studies (iron saturation and ferritin) monthly until TSAT \geq 25% then quarterly in January, April, July and October.
 - b. Draw iron studies (iron saturation and ferritin) monthly when EPO dose is $>15,000$ units/week.
 - c. Iron labs must be drawn at least 7 days after last IV iron dose or transfusion.
3. **ESA:** Do not start ESA until iron saturation is \geq 25%.
4. **Administration:** Give Venofer IV push over 2 minutes. May dilute in 30 ml syringe with 20 ml NS. For patients with known sensitivity, may add to 50 ml bag of 0.9% NS and drip over 20 minutes.
5. **Infection/Antibiotics:** HOLD IV iron if patient has signs of significant infection or is on antibiotics.
6. **Dosing:**
 - a. **Test Dose (First Dose Only):**
 - i. Administer Venofer test dose of 0.5 cc (100mg/5cc vial) over 3 minutes for the first dose only, to assure no allergic reaction. Wait 3 minutes, and then give the remainder.
 - ii. Observe the patient in the dialysis center for 30 minutes following the initial dose of IV iron to watch for possible drug reactions.
 - b. Patients transferring from in-center will be converted to Venofer per home dialysis programs iron protocol.
 - c. When possible give 2x/week doses on the first and last day of the week.
 - d. For high Hgb, refer to EPO S/O.
 - e. Based on patient's most recent iron studies give Venofer per tables below:

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Peritoneal Dialysis Programs Standing Orders - Iron

If	And	And		
	Ferritin	Iron Saturation	Timing	Venofer Dose
New to PD Program	≤ 800	< 25%	1 st week (Training)	Give 200 mg IV push x 2 doses. Each dose should be separated by at least 1 clinic day.
			2 nd week	200 mg IV push x 2 doses. Each dose should be separated by at least 1 clinic day. Draw follow up iron studies 7 days after last dose and follow S/O.
			3 rd week	Give 200 mg IV push
		25 - 35%	1 st week (training)	Give 200 mg IV push x 2 doses. Each dose should be separated by at least 1 clinic day.
			2 nd week	Draw follow up iron studies 7 days after last dose and follow S/O.
		36-50%	1 st week (training)	Give 200 mg IV push
	2 nd week		Draw follow up iron studies 7 days after last dose and follow S/O.	
	> 800	< 25%		Check with nephrologist
≥ 25%			Hold Venofer	

If	And	And		
	Ferritin	Iron Saturation	Timing	Venofer Dose
Maintenance PD Program	≤ 800	< 25%		Give 200 mg IV push every 2 weeks.
		25 - 50%		Give 200 mg IV push every month.
		> 50%		Hold Venofer Redraw iron studies with next quarterly draw and resume protocol.
	> 800	< 20%		Check with nephrologist
		≥ 20%		Hold Venofer Redraw iron studies with next quarterly draw and resume protocol.

Patient Name _____

NKC# _____

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7. Hemoglobin:

- a. If hemoglobin ≥ 12 , iron saturation $\geq 30\%$, and ferritin > 800 , hold Venofer.
- b. If hemoglobin ≥ 12 , iron saturation $\leq 30\%$, and ferritin ≤ 800 , contact MD for direction.
- c. If hemoglobin ≥ 12 , iron saturation $\leq 30\%$, and ferritin > 800 , contact MD for direction.

Physician Name (Please Print)

RN Name (Please Print)

Physician signature
*(See referral sheet
and/or initial PD
orders)*

RN signature

Date

Patient Name _____

Reviewed 4/10/2017

NKC# _____

Page 3 of 3