



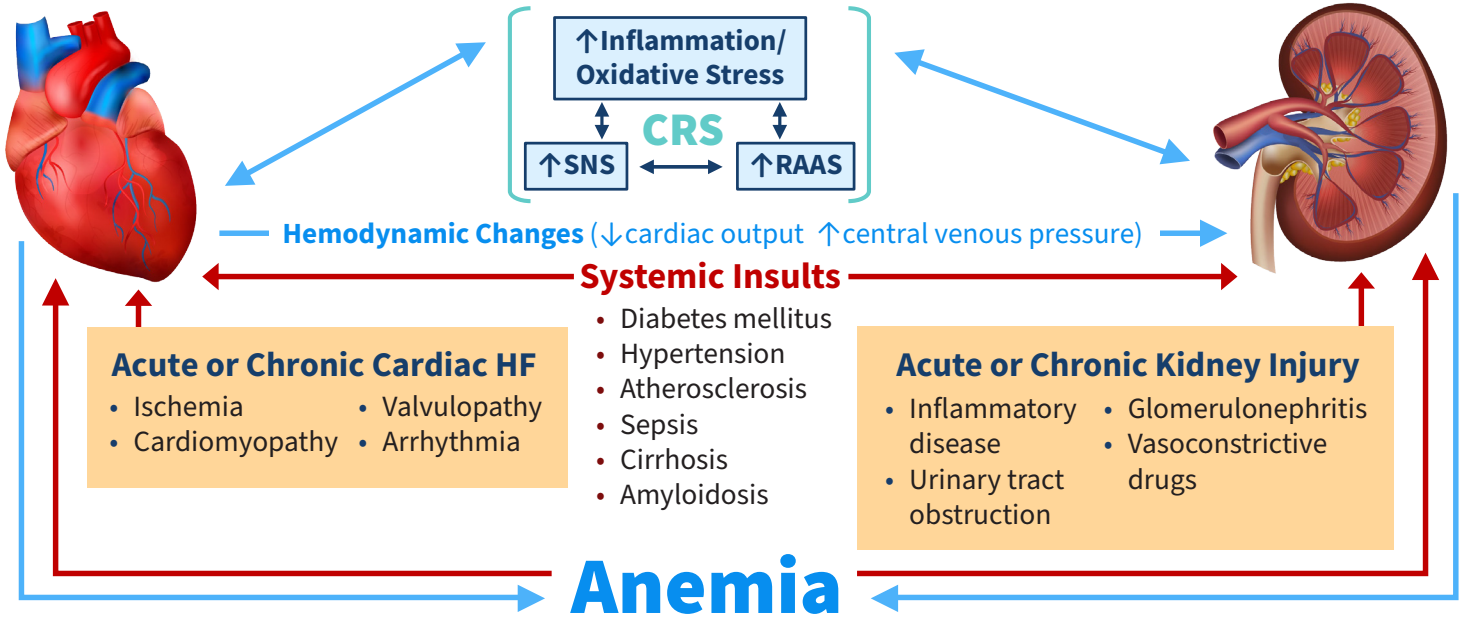
Optimizing Therapeutic Strategies in the Management of Cardiorenal Anemia Syndrome



CORNERSTONE CLINICAL TOOL

The HF-CKD-Anemia Triad

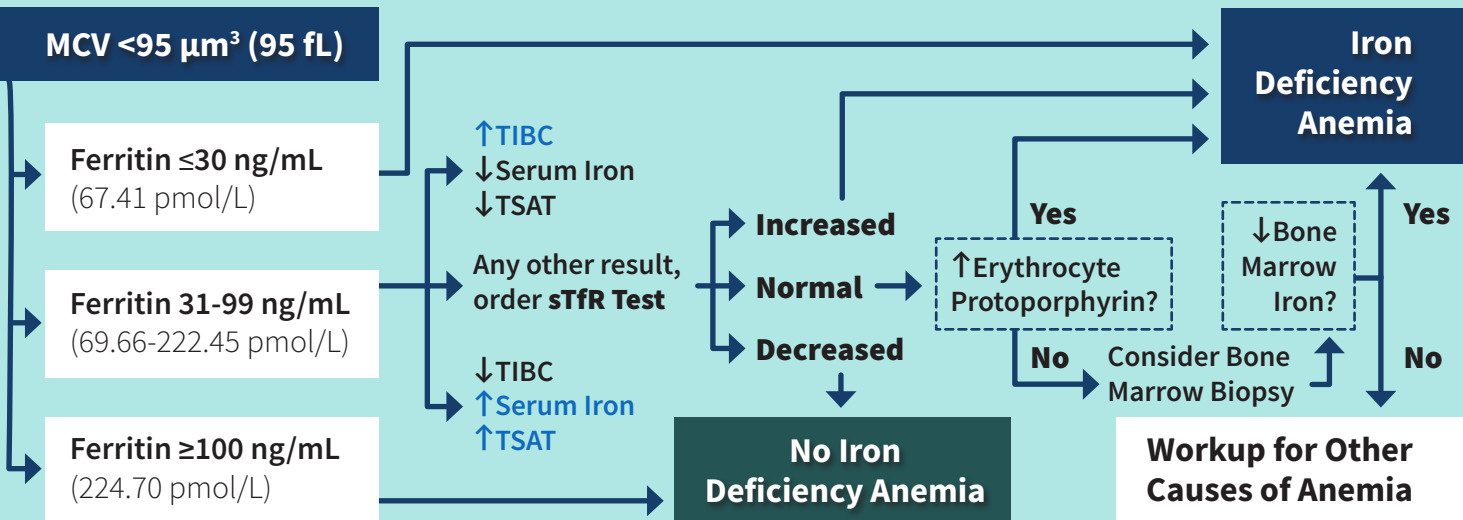
Adapted from: McCullough P, et al. *Kidney Intl Suppl.* 2021.



IDA Diagnosis

(IDA: Iron Deficiency Anemia)

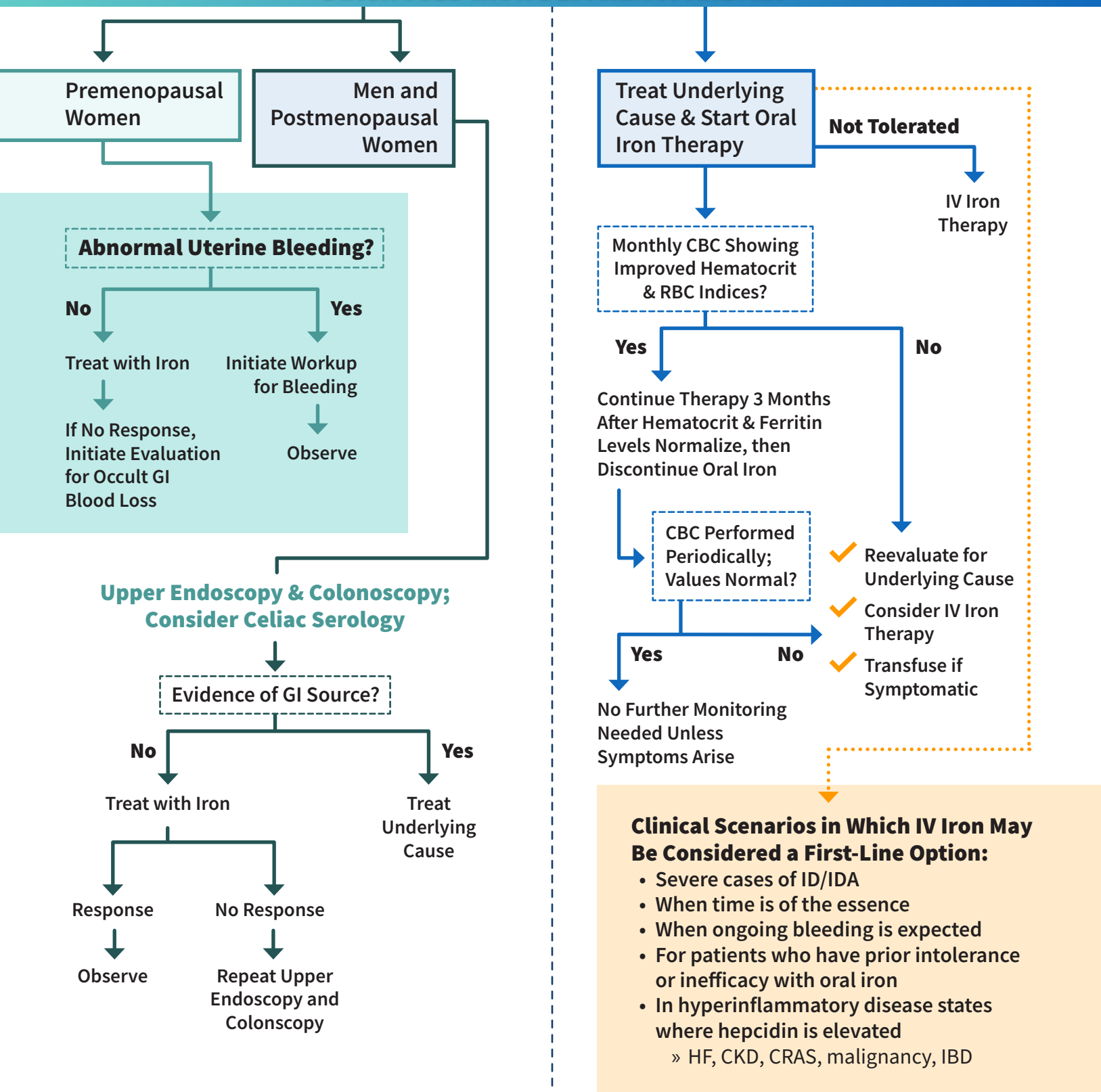
Adapted from: Short MW, et al. *Am Fam Physician.* 2013 Jan 15;87(2):98-104.



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Supported by an independent educational grant from American Regent.

DIAGNOSED IRON DEFICIENCY ANEMIA



ID Management in HF Guidelines

2023 Focused Update and 2021 European Society of Cardiology (ESC) Guidelines for the Diagnosis and Treatment of Acute and Chronic Heart Failure

Adapted from:
McDonagh T, et al. Eur Heart J. 2021;42(36):3599-3726.
McDonagh T, et al. Eur Heart J. 2023; (00):1-13.

Class I, Level C:

All patients with HF should be periodically screened for anemia and ID with a full blood count, serum **ferritin concentration**, and **TSAT**.

Class IIa, Level A:

IV FCM or FDI should be considered in symptomatic patients with HFrEF and HFmrEF, and ID, to **reduce the risk of HF hospitalization**.

Class I, Level A:

IV iron is recommended in symptomatic patients with HFrEF and HFmrEF, and ID, to **alleviate HF symptoms** and **improve QoL**.

Class IIa, Level B:

IV FCM should be considered in symptomatic HF patients **recently hospitalized for HF** and with LVEF <50% and ID to **reduce the risk of HF hospitalization**.

2022 AHA/ACC/HFSA Guideline for the Management of Heart Failure: A Report of the American College of Cardiology (ACC)/American Heart Association (AHA) Joint Committee on Clinical Practice Guidelines

Adapted from:
Heidenreich PA, et al. J Am Coll Cardiol. 2022;79(17):e263-e421.

Class 1, Level C-EO:

Patients diagnosed with HF should have **iron studies included** with laboratory evaluation to optimize management.

Class 2a, Level B-R:

In patients with HFrEF and **ID with or without anemia**, IV iron replacement is reasonable to **improve functional status** and **QoL**.

IV Iron Product-Specific Quick Reference Table

Iron Product	Elemental Iron (mg/mL)	Labelled TDI?	HF or CKD Indication?	Test Dose Required?	Infusion Time
FCM	50	Yes	CKD, HF	No	≥15 minutes
FDI	100	Yes	CKD	No	≥20 minutes
Ferumoxytol	30	No	CKD	No	≥15 minutes
Iron Sucrose	20	No	CKD	No	≥15 minutes
Low-Molecular-Weight Iron Dextran	50	No	-	Yes	1 hour (not to exceed 50 mg/min)
Sodium Ferric Gluconate	12.5	No	CKD	No	1 hour

Note: This table is intended for quick reference only. Please check product labeling for complete information, including indications, adverse events, and warnings/precautions.

Auerbach M, et al. Lancet Haematol. 2020;7(4):e342-e350.; FDA Prescribing Information.