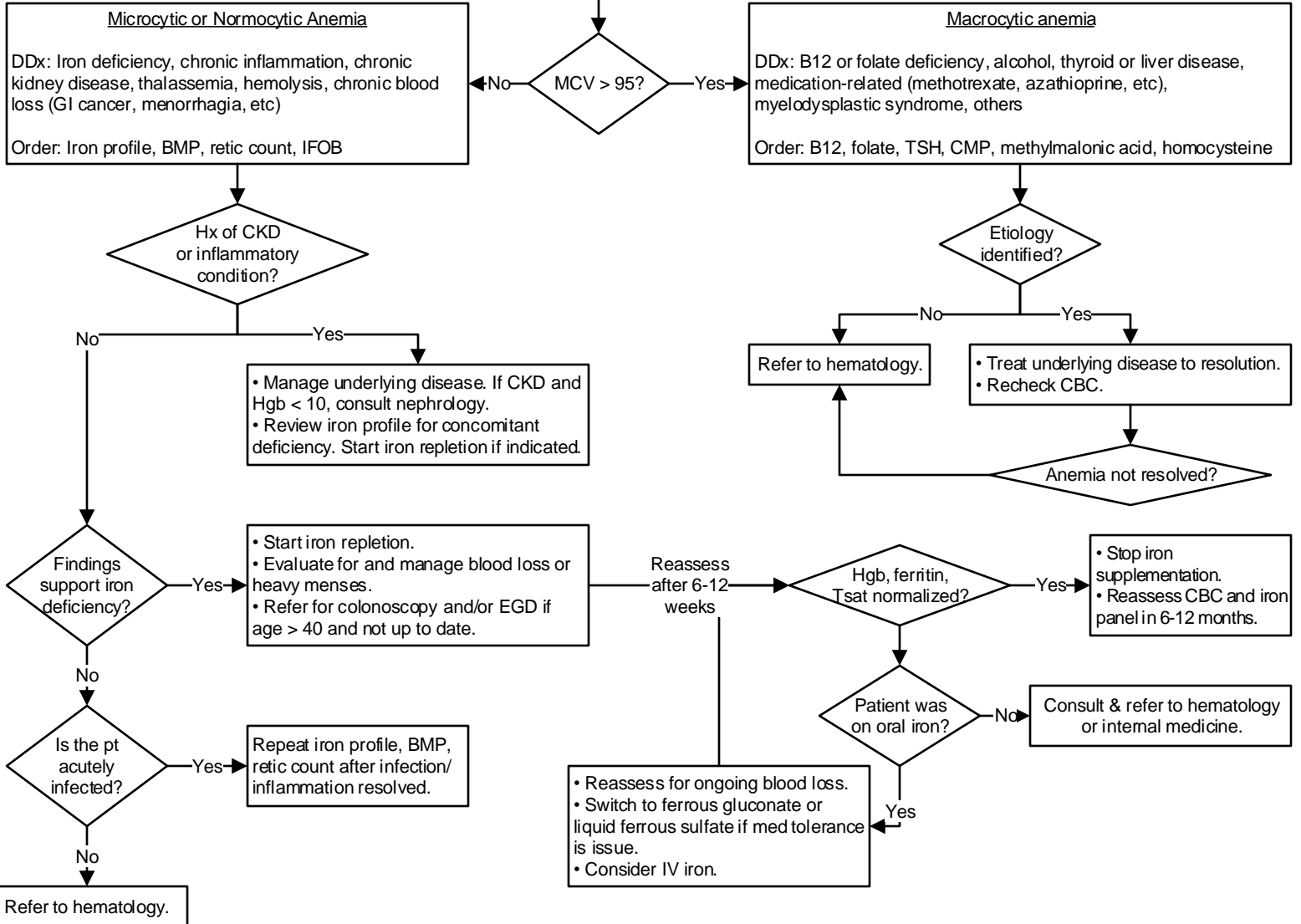




Note: this guideline does NOT apply to patients with acute blood loss requiring transfusion.

Adult male with Hgb < 13 g/dL or
Adult non-pregnant female with Hgb < 12 g/dL



Oral Iron Repletion

- Ferrous sulfate 325mg daily or every other day is generally acceptable
- No data to support vitamin C co-administration
- If GI side effects, consider ferrous gluconate 324mg daily or liquid ferrous sulfate

Candidates for IV Iron (See [Iron Infusion Guideline.](#))

- Elderly patients
- Hx gastric surgery, PUD, H pylori
- Hospitalized with acute bleeding needing transfusion (can give in same hospitalization)
- Heart failure with reduced ejection fraction
- IBD, celiac disease, other malabsorption syndromes
- Inability to tolerate oral iron
- Lack of response to oral iron

Findings diagnostic of iron deficiency:

- Ferritin < 30ng/ml or < 100ng/ml in patient with chronic inflammation
- Transferrin saturation (Tsat) < 20%

Findings supporting iron deficiency:

- RBC count low
- Corrected retic count low
- TIBC increased

References: UpToDate, Dynamed

B12 Reference Values

> 300pg/ml: Normal

200-300pg/ml: Borderline, check MMA/homocysteine

< 200pg/ml: Low

NB: High B12 in pt not on supplementation should prompt hematology referral due to risk of MDS

This guideline is designed for the general use of most patients but may need to be adapted to meet the special needs of a specific patient as determined by the medical practitioner.
Approved by Clinical Guideline Committee 8/2/24.

If comments about this guideline, please contact clinical_guidelines@ykhc.org.