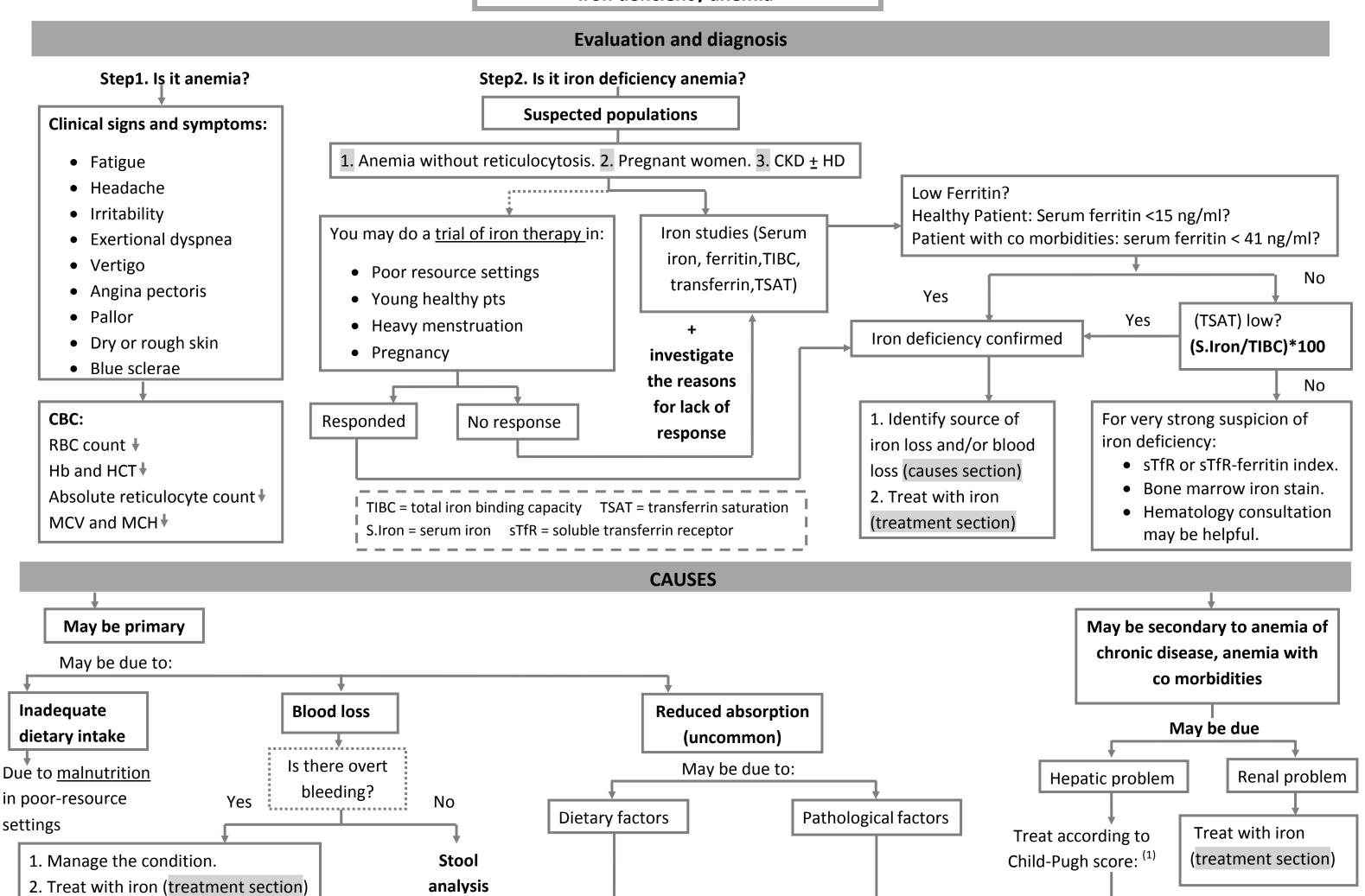
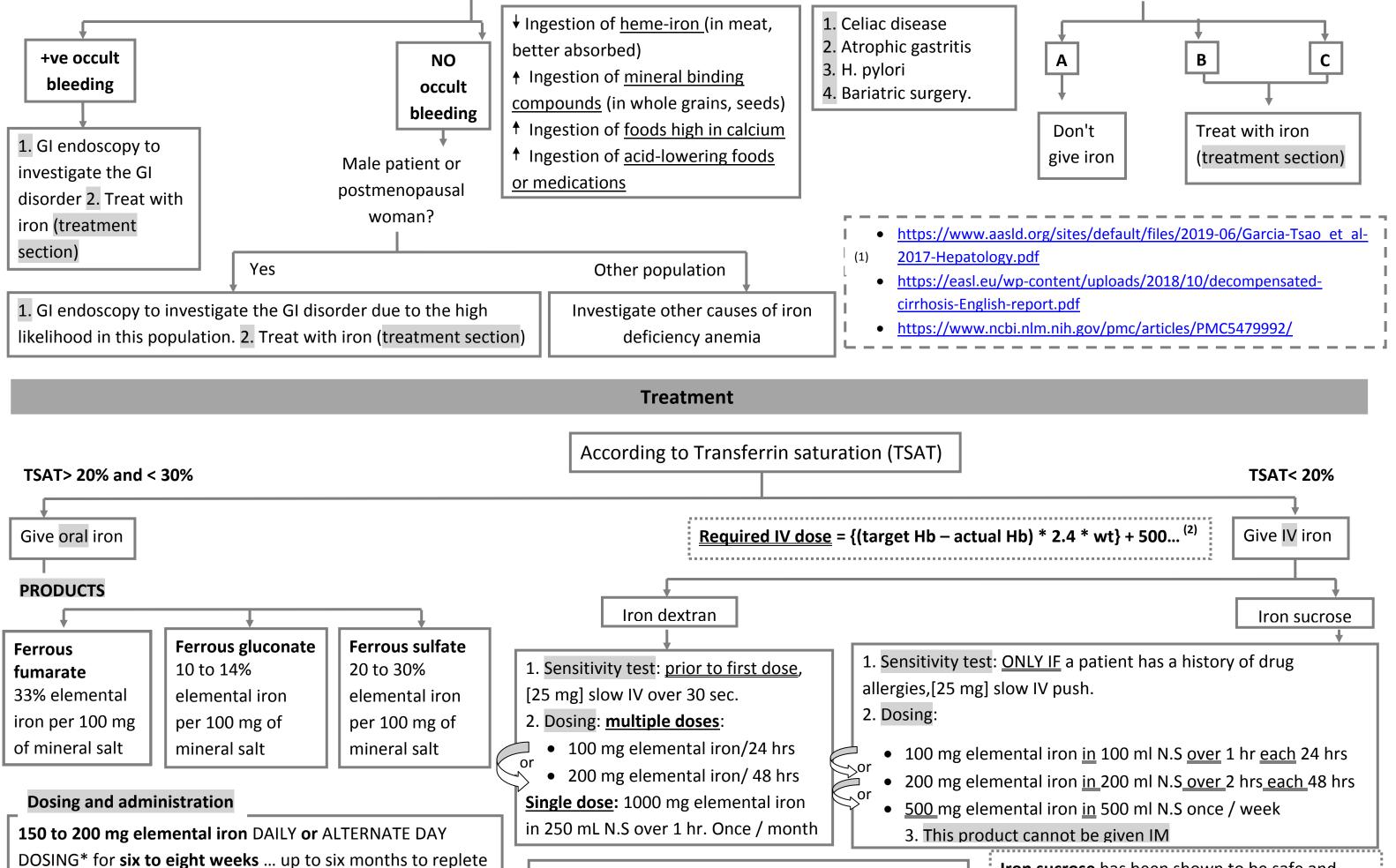
Iron deficiency anemia





Side effects

iron stores.

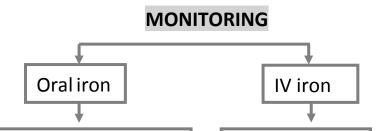
daily dosing.

*Alternate-day dosing (taking the iron every other day rather

than everyday). It may result in better iron absorption than

Metallic taste, nausea, flatulence, constipation, diarrhea, epigastric distress, and/or vomiting, Itching, black/green or tarry stools.

effective in settings of dialysis, non-dialysis CKD, IBD, chemotherapy-induced anemia, the peripartum period, gastric bypass, heavy uterine bleeding and others.



EACH TWO WEEKS

1. Check hemoglobin and reticulocyte count

2. Review tolerability of the oral iron.

EACH FOUR-EIGHT WEEKS

Check

hemoglobin and reticulocyte count

Iron stores repleted Lack of response

Approaches to lack of response:

- Patient not taking oral iron (e.g. due to side effects) (compliance)
- •Reduced absorption of oral iron
- •Blood loss exceeds iron intake
- •Incorrect initial diagnosis
- More than one diagnosis (especially relevant in older adults)
- •Inflammatory state with block in intestinal iron regulation (sepsis)
- •Therapy was effective but bleeding recurred.

(2) https://teksmedik.com/uptodate19/d/image.htm?imageKey=HEME%2F54677
(3) https://www.mayoclinic.org/tests-procedures/hemoglobin-test/about/pac-20385075

Strategies to improve tolerability: ●Increasing the interval (eg, to every other day) if not done already.

- Making dietary modifications (eg, taking iron with food or milk), although this may reduce absorption.
- Switching to a formulation with a lower amount of elemental iron. Switching from a tablet to a liquid, for which it is easier to titrate the dose.

	Target Hb values (3)
Adult male	13.5 – 17.5 g/dl
Adult female	12 – 15.5 g/dl
CKD	11 – 12 g/dl
CKD + CV	10 g/dl