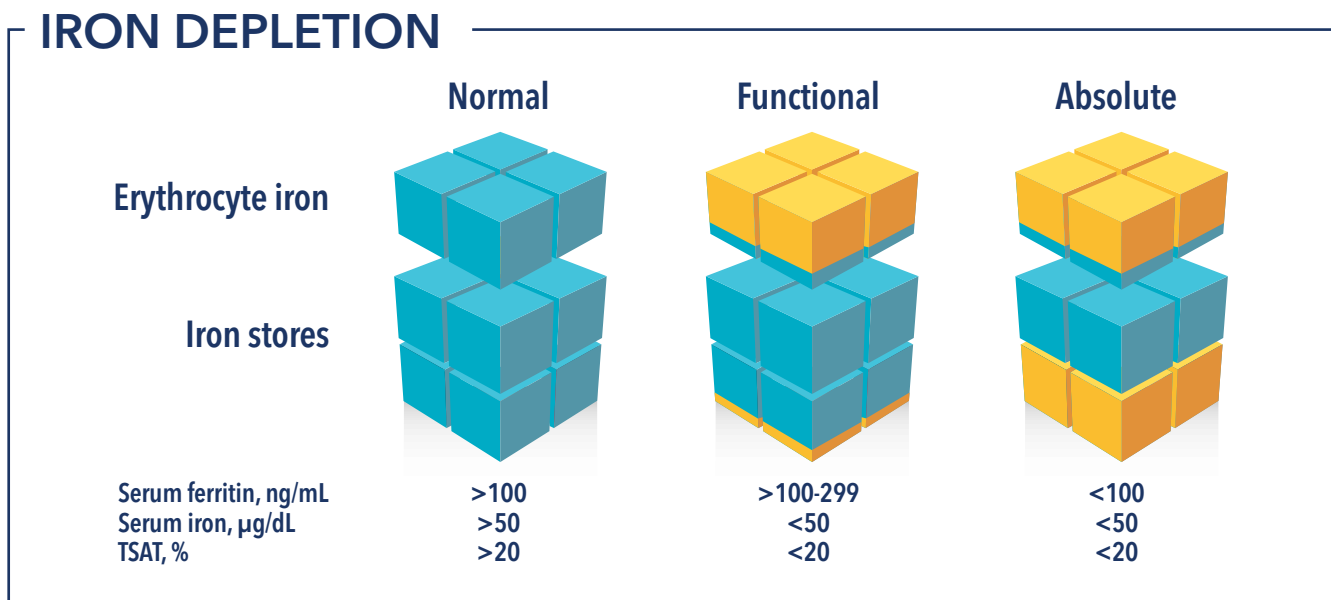


Iron has both a storage pool and a functional pool. Iron deficiency can be absolute (the body's iron store is empty) or functional (when the release of iron is compromised).



## CAUSES OF IRON DEFICIENCY:



### Reduced absorption

- AI gastritis
- Bariatric surgery
- PPIs
- Anti-H<sub>2</sub>
- H pylori*
- Hookworm infection
- Bleeding
- Oedema
- Coeliac disease



### Inadequate intake

- Vegetarian/vegan diet
- Malnutrition



### Increased body needs

- Infants/preschoolers
- Pregnancy
- EPO treatment
- Elite athletes



### Chronic blood loss (without anaemia)

- GI cancers
- Donations
- Heaves menses
- NSAIDs
- Haematuria
- Coagulopathy
- Steroids



### Having certain chronic diseases\*

- Inflammatory bowel disease (IBD)
- Chronic heart failure
- Chronic kidney disease
- Celiac disease

\*block iron transporters and reduce iron absorption, causing functional iron deficiency.

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