

ANEMIA

Key Features:

1. Assess the risk of iron deficiency anemia (IDA) in patients with chronic kidney disease (CKD) and iron deficiency (ID) by measuring ferritin, transferrin saturation (TSAT), and soluble transferrin receptor (sTfR) levels.

4. In a patient with iron deficiency, [investigate further](#) to find the cause.

What you should study:

- ✓ [Iron Deficiency Anemia AAFP 2013](#)
- ✓ [Iron Deficiency Anemia in Children CPSP 2011](#)
- ✓ [Iron Deficiency and Other Anemias in Children AAFP 2016](#)
- ✓ [Evaluation of Anemia in Children AAFP 2010](#)
- ✓ [Evaluation of Microcytosis AAFP 2010](#)

5. Consider and [look for anemia](#) in appropriate patients (e.g., those [at risk for blood loss](#) [those receiving anticoagulation, elderly patients taking a nonsteroidal anti-inflammatory drug] or in [patients with hemolysis](#) [mechanical valves]), [whether they are symptomatic or not](#), and in those with [new or worsening symptoms of angina or CHF](#).

6. In patients with [macrocytic anemia](#):

a) Consider the possibility of [vitamin B₁₂ deficiency](#).

b) Look for [other manifestations of the deficiency](#) (e.g., neurologic symptoms) in order to make the [diagnosis of pernicious anemia](#) when it is present.

What you should study:

- ✓ [La carence in vitamine B12](#)
- ✓ [Vitamin B12 Deficiency AAFP 2017](#)
- ✓ [Evaluation of Macrocytosis AAFP 2009](#)
- ✓ [Anémie persistante chez la personne âgée MduQ 2014](#)

7. As part of [well-baby care](#), consider anemia in [high-risk populations](#) (e.g., those living in poverty) or in [high-risk patients](#) (e.g., those who are pale or have a low-iron diet or poor weight gain).

What you should study:

- ✓ [Iron Deficiency and Other Anemias in Children AAFP 2016](#)