**INDICATIONS FOR TESTING**
Symptoms of tissue hypoxia (e.g., fatigue, weakness, pallor, dizziness, fainting)

**ORDER**
CBC with platelet count and automated differential

**No**
Consider other potential causes of symptoms

**Yes**
Anemia present on CBC (Hb < 13 g/dL for men; Hb < 12 g/dL for women)

**Consider other potential causes of symptoms**

Classify by RBC indices

**Low MCV (microcytic)**
Evaluate for microcytic anemia

**Normal MCV (normocytic)**
ORDER Reticulocyte count
Calculate corrected reticulocyte count
Elevated corrected reticulocyte count

**High MCV (macrocytic)**
ORDER Reticulocyte count
Calculate corrected reticulocyte count
Elevated corrected reticulocyte count

**No**

**Yes**
Evaluate for anemia of inflammation: examine peripheral smear
Rule out blood loss and hemolysis

Evaluate for megaloblastic anemia (including examination of peripheral blood smear for hypersegmented neutrophils); consider bone marrow examination
Rule out blood loss and hemolysis

**Abbreviations**

- Hb: Hemoglobin
- MCV: Mean corpuscular volume
- RBC: Red blood cell