START
Low Hb identified

Step 1
WBC or Platelets also abnormal?

yes

Multiple Cytopenias
Blood smear
Schistocytes
Blasts
NRBCs
Dysplasia
Immature WBCs

no

Step 2
MCV

Microcytic
Normocytic
Macrocytic

Step 3
Reticulocyte Count

Hypoproliferative
Hyperproliferative

Step 3a

Iron Deficiency

low

normal, with signs of inflammation

Consider trial of iron therapy

High

Step 3b

Hematology consultation recommended

Yellow area: Hematology consultation recommended

Key:
Tests
Diagnoses
Classifications

*Alteration in MCV is modest, and MCV is often within normal range

**Uncommon to cause more than mild anemia; test according to clinical context

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