EMMCC lab testing algorithm for anemia

If hemoglobin is greater than or equal to 13 gm/dL, no further evaluation is required. However, if the ferritin level is known to be less than 100 ng/dL or the transferrin saturation is known to be less than 20 percent with a ferritin less than 250 ng/dL, consider iron therapy.

If hemoglobin is less than 10 gm/dL, the patient should be evaluated according to this testing algorithm. The patient blood management provider may order additional laboratory studies. There may be a recommendation to postpone surgery with a referral back to the primary care provider or hematologist for further evaluation.

If Hgb is <13 gm/dL

1. AND MCV is ≤ to 105 fl → see flow diagram A.
2. AND MCV is > 105 fl → see flow diagram B.

Text box at left can be dragged over to page file and adjusted to fit column measure as needed.

Same for Flow diagrams, but probably better once edited to create a PDF of the charts and then scale identically in placing in page to work with column measure and to fit story length.