Hemoglobinopathy Screening
Offer to all patients

CBC and hemoglobin electrophoresis

- **MCV ≥ 80 fL**
  - No hemoglobin electrophoresis abnormality
  - **Routine Care**

- **MCV ≤ 80 fL**
  - Abnormal hemoglobin electrophoresis
  - Paternal evaluation (CBC and hemoglobin electrophoresis refer to genetic counseling)

- **MCV ≤ 80 fL**
  - Normal hemoglobin electrophoresis*
  - Serum ferritin and refer to (Anemia Diagnosis algorithm)
  - **Unless patient or partner are Asian then refer to genetic counseling for α-thalassemia evaluation**

*at UNC report states cannot exclude α-thalassemia
References


2. ACOG Committee Opinion Number 690, March 2017. Carrier Screening in the Age of Genomic Medicine. Revised 2.27.17 NV

Notification to Users
These algorithms are designed to assist the primary care provider in the clinical management of a variety of problems that occur during pregnancy. They should not be interpreted as a standard of care, but instead represent guidelines for management. Variation in practices should take into account such factors as characteristics of the individual patient, health resources, and regional experience with diagnostic and therapeutic modalities.

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