Work-up of MICROCYTIC ANEMIA in CHILDREN

1. Low hemoglobin
2. Age specific reference ranges
3. Is it only anemia?
   - CBC
   - RBC indices
   - Retic. count
4. More than one cell line affected
   - Refer to Hematology
   - Is this pancytopenia?
5. Isolated anemia
   - MCV?
     - Microcytic
     - Normocytic
     - Macrocytic
6. Are history and indices consistent with iron deficiency?
   - Yes. Trial of oral iron.
   - No response
   - Iron refractory iron deficiency
   - Hemoglobinopathy: thalassemia
   - Anemia of chronic/inflammatory disease
   - No cause found. Refer to Hematology

January 29, 2015: Hematology DSG In Review (Israels)