



superiors

ISNC #26

A- 15- year old girl has been referred by her GP because she looks anemic, by examination she has chronic leg ulcer. her HB is 7 g/dL and MCV is 87 fL with reticulocytosis. What is the pathophysiology of anemia in this case?

Select one:

- a. Chronic blood loss
- b. Hemolysis
- c. Production failure
- d. Acute blood loss

A- 15- year old girl has been referred by her GP because she looks anemic, by examination she has chronic leg ulcer. her HB is 7 g/dL and MCV is 87 fL. What is the most likely diagnosis?

Select one:

- a. Sideroblastic anemia
- b. Sickle cell anemia
- c. Thalassemia
- d. Myeloma

**A 30-year-old woman complains of dizziness. Complete blood count shows RBC 3 million/ml<sup>3</sup>, hemoglobin 9 g/dl, mean corpuscular volume (MCV) 66 fL, and RDW 18% with increased total iron binding capacity (TIBC). What is the most likely diagnosis?**

Select one:

- a. Iron deficiency anemia
- b. Anemia of chronic disease
- c. Aplastic anemia
- d. Thalassemia minor



**A 66-year-old man presents with extreme fatigue and shortness of breath. On examination he is pale and has peripheral neuropathy. Blood tests reveal a low hemoglobin, increased MCV. What is the most likely diagnosis?**

Select one:

- a. Sideroblastic anemia
- b. Iron deficiency anemia
- c. B12 deficiency
- d. Hemolytic anemia

A- 15- year old girl has been referred by her GP because she looks anemic, by examination she has chronic leg ulcer. her HB is 7 g/dL and MCV is 87 fL with reticulocytosis. What is the next step for diagnosis of this case?

Select one:

- a. Vitamin B12 level
- b. CBC
- c. HB electrophoresis
- d. Iron studies