



(Cardiovascular - Blood)

Scenario – Cardiovascular - Blood

Instructions

Read aloud the following paragraph, paying close attention to the correct pronunciation of each medical term. Use the phonetic spelling provided with the term to guide you. At the conclusion of reading the paragraph and using this document, compose a list of the bolded medical terms and translate their correct meaning. Be sure to number each term in your list.

Scenario:

A 36-year-old female presented to the emergency department with the following symptoms: gradual onset of fatigue, restless legs, pale skin, and occasional headaches. However, this morning she woke up with chest pain and shortness of breath, which prompted a trip to the ED. On examination, the emergency physician noted an irregular heartbeat. Along with a chest x-ray and EKG, a full blood workup was ordered: a **complete blood count (CBC)**, complete metabolic panel, **cardiac (KĀR-dē-ăk)** enzymes, PT and PTT.

The **phlebotomist (flē-BŎT-ō-mīst)** obtained the blood specimens by accessing a **vein (vān)** in the patient's right arm. After the procedure, **hemostasis (hē-MŎ-STĀ-sīs)** was attained with the application of minimal pressure on the site.

Results of the patient's EKG and x-ray were normal as were her cardiac enzymes. CBC results were normal **leukocyte (loo-kō-SĪT-īs)** and **thrombocyte (THRŎM-bō-sīts)** counts, but a low **erythrocyte (ě-RITH-rŏ-sīts)** count, hemoglobin, and **hematocrit (hē-MAT-ŏ-křit)**. Because of this, the doctor ordered follow-up iron studies to be performed today. The patient received a preliminary diagnosis of iron deficiency anemia.