

ATI - The Hematologic System Test Challenge Questions with Correct Answers 2023-2024

A nurse is caring for a client who is about to begin taking epoetin. An increase in which of the following laboratory values should indicate to the nurse that the therapy is effective?

- A. PT
- B. WBC
- C. Hgb
- D. Platelets - **Correct ANS:** C. Hgb

A nurse is caring for a client who is scheduled for an outpatient surgical procedure and reports taking aspirin 81 mg daily, including this morning. The nurse should identify that this places the client at risk for which of the following complications?

- A. Uncontrolled bleeding
- B. Myocardial infarction
- C. Respiratory depression
- D. Decreased renal perfusion - **Correct ANS:** A. Uncontrolled bleeding

A nurse should assess a client who has megaloblastic anemia for indications of which of the following vitamin deficiencies?

- A. Vitamin C
- B. Vitamin K
- C. Vitamin B12
- D. Vitamin D - **Correct ANS:** C. Vitamin B12

A nurse is caring for a client who is experiencing an acute ischemic cardiovascular event due to a thrombus in a cerebral vessel. Which of the following drugs should the nurse expect to administer?

- A. Alteplase
- B. Aspirin
- C. Clopidogrel
- D. Heparin - **Correct ANS:** A. Alteplase

A nurse is caring for a client who is about to begin alteplase therapy to treat pulmonary embolism. Which of the following drugs should the nurse have available in the event of a severe adverse reaction?

- A. Vitamin K
- B. Aminocaproic acid

C. Protamine

D. Deferoxamine - **Correct ANS:** B. Aminocaproic acid

A nurse is monitoring a client who is undergoing anticoagulant therapy with heparin. Which of the following findings should the nurse identify as a possible indication of hemorrhage?

A. Rapid pulse

B. Yellowing of the sclera

C. Elevated blood pressure

D. Pale-colored stools - **Correct ANS:** A. Rapid pulse

A nurse is caring for a client who is about to begin factor VIII therapy to treat hemophilia A. When administering factor VIII, which of the following actions should the nurse take?

A. Administer the powdered form orally

B. Premedicate with aspirin

C. Administer it via rapid IV bolus

D. Have emergency equipment ready - Correct ANS: D. Have emergency equipment ready

A nurse is caring for a client who is taking clopidogrel to prevent stent restenosis. The nurse should monitor the client for which of the following adverse reactions?

A. Hyperuricemia

B. Hyponatremia

C. Lymphocytopenia

D. Thrombocytopenia - **Correct ANS:** D. Thrombocytopenia

A nurse is caring for a client who has renal failure and is receiving epoetin. The nurse should monitor the client for which of the following adverse effects?

A. Hypertension

B. Muscle pain

C. Edema

D. Dry mouth - **Correct ANS:** A. Hypertension

A nurse is monitoring a client following ferrous sulfate administration.. The nurse should monitor the client for which of the following adverse effects?

A. Phlebitis

B. Dark, orange-colored stools

C. Constipation

D. Injection site pain - **Correct ANS:** C. Constipation

A nurse is caring for a client who is taking ferrous sulfate to treat iron-deficiency anemia and develops iron toxicity. Which of the following drugs should the nurse expect to use to treat this complication?

A. Flumazenil

B. Acetylcysteine

C. Naloxone

D. Deferoxamine - **Correct ANS:** D. Deferoxamine

A nurse is caring for a client who has hemophilia A and is about to begin taking desmopressin to prevent bleeding. The nurse should monitor the client for which of the following adverse reactions?