**Objectives**

1. Describe routine labs and relevance of abnormal findings.
2. Identify the MOA, indications and nursing considerations of selected medications.
3. Create a nursing care plan for a patient in acute pain.

**Instructions**

**1. Create a table for the following 11 labs: Na, K, CL, HCO3, BUN, Cr; Hgb, Hct, WBCs, RBCs, platelets.**

* List normal ranges (11 pts/1 pt for ea lab)
* Identify conditions and list signs and symptoms associated with abnormally high values for each lab (11 pts/1 pt for ea lab)
* Identify conditions and list signs and symptoms associated with abnormally low values for each lab (11 pts/1 pt for ea lab)

**2. Create a table for the following 3 labs: PT, PTT, and INR.**

* List normal ranges (3 pts/1 pt for each lab)
* Identify drugs that affect the results of each adversely. (3 pts; 1 pt for each lab)
* Identify the drug and therapeutic ranges when a patient is on anticoagulant therapy (3 pts; 1 pt for each lab)

**3. List nursing interventions for a patient on anticoagulation therapy.**

**4. Create a table for the following 11 medications: propranolol, captopril, diltiazem, furosemide, digoxin, amiodarone, heparin, enoxaparin, warfarin, famotidine, pantoprazole.**

* Identify the classification and MOA of each (6.5 pts/0.5 pt for each med)
* Identify the indication for each (6.5 pts/0.5 pt for each med)
* Identify the side effects of each (6.5 pts/0.5 pt for each med)
* Identify the nursing considerations of medication (6.5 pts/0.5 pt for each med)

**5. Create a plan of care for a patient experiencing acute pain. Include the following points:**

* Subjective assessment of pain (4 pts)
* Objective assessment of pain (4 pts)
* Nursing and collaborative interventions for acute pain (4 pts)
* Evaluation of pain interventions, including standards of timing (2 pts)

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