

ACTIVE LEARNING TEMPLATE: *Medication*

STUDENT NAME _____

MEDICATION Hematologic Diagnostic Procedures

REVIEW MODULE CHAPTER 39

CATEGORY CLASS _____

PURPOSE OF MEDICATION

Expected Pharmacological Action

- evaluate blood function by testing indicators such as erythrocytes (rBcs), leukocytes (WBcs), platelets, and coagulation times
- By testing the blood, diagnosis of a disease and efficacy of treatment can be determined.

Therapeutic Use

- Blood collection/testing

Complications

- Infection
- Bleeding

Medication Administration

- Bone marrow aspiration/biopsy

Contraindications/Precautions

- Use standard precautions in collecting and handling blood for specimen collection
- Report bleeding to the provider immediately
- Infection can occur at the aspiration site

Nursing Interventions

- Ensure that the client has provided informed consent
- Place the client in a prone or side-lying position to expose the iliac crest for the procedure.
- Administer a sedative if prescribed
- Apply pressure to the biopsy site to control bleeding
- Post procedure discomfort is usually relieved by mild analgesics

Interactions

- Teach the client to check the biopsy site daily. Keep the dressing clean, dry, and intact

Client Education

- Explain the procedure to the client
- teach the client to report excessive bleeding and evidence of infection to the provider
- client to check the biopsy site daily
-

Evaluation of Medication Effectiveness

- Monitor for evidence of infection
- After a procedure is completed, the tissue sample is sent to pathology for interpretation