

ACTIVE LEARNING TEMPLATE: *Medication*

STUDENT NAME Madison Barber

MEDICATION Lovemox/Enoxaparin REVIEW MODULE CHAPTER _____

CATEGORY CLASS Anticoagulants, Antithrombotics

PURPOSE OF MEDICATION

Expected Pharmacological Action

Increases the inhibitory effect of antithrombin on factor Xa and thrombin

Therapeutic Use

Prevents the formation of a clot

Complications

Edema, alopecia, ecchymoses, pruritus, rash, hyperkalemia, constipation, n/v, anemia, bleeding, dizziness, headache, insomnia

Medication Administration

SubQ: Medical patients with acute illness: 40 mg once daily for 6-14 days

Contraindications/Precautions

Contraindications: hypersensitivity to enoxaparin, pork products, benzyl alcohol, active major bleeding, hx of immune mediated heparin induced thrombocytopenia (HIT)

Precautions: severe renal and hepatic impairment, uncontrolled hypertension, recent hx of ulcer disease, underweight individuals, history of HIT

Nursing Interventions

- Assess for signs of bleeding and hemorrhage
- Assess pt for signs of thrombosis
- Monitor for hypersensitivity reactions
- Monitor pt with epidural catheters for signs of neurologic impairment
- Monitor injection sight

Interactions

Risk of bleeding with warfarin, aspirin, thrombolytic agents, NSAIDs, penicillins,

Client Education

- Instruct on correct injection technique
- Advise to report any adverse reactions
- Instruct to notify healthcare provider on all at home medications
- Inform provider about dental work

Evaluation of Medication Effectiveness

Prevention of DVT and pulmonary embolism, resolution of acute DVT, prevention of ischemic, ic complications, treatment of acute ST-segment elevation MI