An Update on Thromboprophylaxis in Obstetrics

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Educational Objectives

After this session, the participant will be able to:

1. Describe the anticoagulation options during pregnancy, as well as side effects, dosing recommendations, and safety in breastfeeding.
2. Describe the indications and duration of outpatient anticoagulation use in pregnancy in the setting of:
   a. Personal history of a VTE
   b. Maternal medical conditions
   c. Inherited thrombophilias.
3. Describe indications for anticoagulation in the hospitalized patient:
   a. Antepartum indications
   b. Postpartum indications

Outline

I. VTE in pregnancy: Background
   a. Incidence
   b. Risk factors

II. Anticoagulant options during pregnancy
   a. LMWH
   b. UFH
   c. Others

III. Dosing and Timing
   a. Prophylactic
   b. Therapeutic

IV. Risk stratification (Antepartum and Postpartum Management)
   a. Personal VTE history
b. Medical conditions
c. Inherited thrombophilias
   i. High risk thrombophilias
   ii. Low risk thrombophilias

V. Antepartum prophylaxis
VI. Postpartum prophylaxis

References

11. Therapeutic Enoxaparin Dosing. UAB Pharmacy and Therapeutics Committee Medication Guideline. Document created 05/08. Last revised 05/15.