Module GH0422

Maternal Risk Factors

Objectives

- Discuss antenatal fetal screening methods to identify neonates at risk
- Summarize major maternal diseases that can affect the fetus and the neonate
- Identify neonatal morbidity and mortality risks from maternal disease

Content Outline

1. Introduction
2. Maternal Antenatal Fetal Screening
   a. Overview
   b. First trimester screening
   c. Second trimester screening
3. Diabetes
   a. Overview
   b. Pathophysiology
   c. Types
   d. Fetal/Neonatal effects
   e. Diagnosis/Management
4. Maternal Thyroid Disease
   a. Overview
   b. Hyperthyroidism
   c. Hypothyroidism
5. Preeclampsia and HELLP Syndrome
   a. Overview
   b. Pathophysiology
   c. Diagnosis
   d. Management
   e. Issues for the fetus/neonate
6. Intrahepatic Cholestasis of Pregnancy
   a. Overview
   b. Diagnosis and treatment
   c. Issues for the fetus
7. Human Immunodeficiency Virus
   a. Overview
   b. Pathophysiology
   c. Treatment
   d. Risk to fetus
   e. Testing
8. Herpes Simplex Virus
   a. Overview
   b. Diagnosis and treatment
   c. Risk to fetus
9. Hepatitis Viruses
   a. Overview
   b. Hepatitis B
   c. Hepatitis C

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10. Gonorrhea
    a. Overview
    b. Risk to and treatment of fetus

11. Syphilis
    a. Overview
    b. Diagnosis
    c. Management and treatment

12. Congenital Syphilis
    a. Overview
    b. Risks

13. Chlamydia Trachomatis
    a. Overview
    b. Diagnosis and treatment
    c. Risk to fetus

Reading Material Resources

Module GH0422: Maternal Risk Factors is based on the chapter listed below. A copy is included with the module.

Chapter 4, Golden Hours: Care of the Very Low Birth Weight Neonate, Bissinger, R.L., Annibale, D.J., and Fanning, B.A. The National Certification Corporation (NCC), Chicago, IL 2019.