Zika Virus Overview

Content Outline

1. Overview of Zika Virus History, Biology, Classification & Geographic Spread Patterns
2. Classification of the Virus & Modes of Transmission
   2.1 Mosquito vectors
   2.2 Non-mosquito transmission sources
   2.3 Vertical transmission
3. Clinical Manifestations of Zika Virus Infection
   3.1 Diagnostic approaches & challenges
   3.2 Treatment
   3.3 Perinatal aspects
      3.3.1 Potential teratogenic risks to fetus
      3.3.2 Recommendations for pregnant women
   3.4 Association with Guillain-Barre Syndrome
4. Public Health Aspects
   4.1 Recommendations for prevention & control
   4.2 Current status of diagnostic assays & vaccine development
5. Hypothesized Models for the Role of the Placenta in Teratogenicity
   5.1 Direct transfer hypothesis
   5.2 Placental-mediation hypothesis

Reading Material Resources

Module WB1824: Zika Virus Overview is based on the resources listed below. A copy of the resources are included with the module.

