

Dengue Laboratory diagnostics

Ananda Nisalak, M.D.

Department of Virology

USAMC-AFRIMS

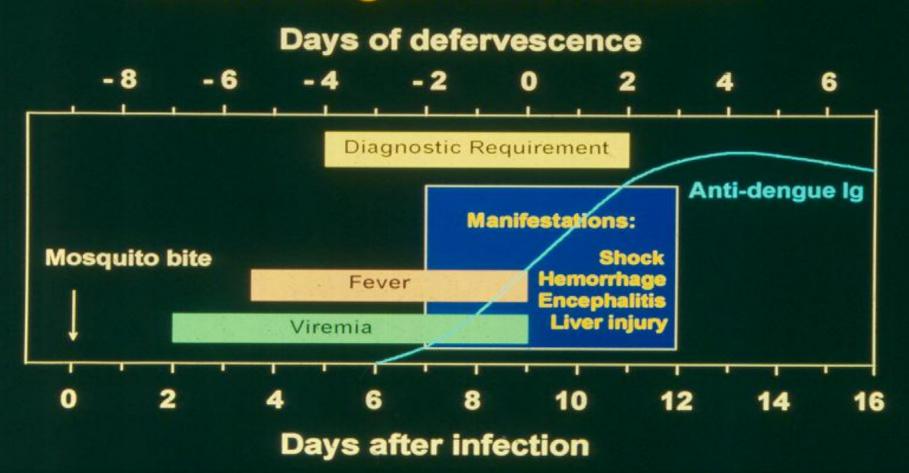


Outline

- 1. Understanding the immunologic natural history of acute dengue infection
- 2. Diagnostic goals
- 3. Assay methods
- 4. Post vaccination surveillance:
 - Active surveillance
 - Passive surveillance
- 5. Post vaccinated antibody response vs protection



Acute dengue virus infection





Diagnostic Goals

- During febrile period
 - Diagnosis is based on virus detection (virological)

- Following defervescence
 - Diagnosis is based on antibody detection (serological)



Dengue Diagnosis

