2009 New Dengue Classification
Dengue case classification by severity

**Probable dengue**
Lives in or travels to dengue-endemic area, plus patient has fever and 2 of the following clinical features:
- Nausea, vomiting*
- Rash
- Aches and pains (headache, eye pain, myalgia, and arthralgia)*
- Tourniquet test positive
- Leucopenia
- Any warning sign*

**Laboratory confirmed dengue**
(important when no sign of plasma leakage)
* Indicates where the 2009 WHO guidelines differs from the 1997 guidelines.

**Warning signs**
- Abdominal pain or tenderness
- Persistent vomiting
- Clinical fluid accumulation
- Mucosal bleed
- Lethargy; restlessness
- Liver enlargement greater than (>) 2cm
- Increase in HCT concurrent with rapid decrease in platelet count

**Requiring strict observation and medical intervention**

1. Severe plasma leakage resulting in one or both of the following:
   - Shock
   - Fluid accumulation and respiratory distress
2. Severe bleeding as evaluated by clinician
3. Severe organ involvement
   - Hepatic (liver): AST or ALT > 1000 U/L
   - Neurologic (central nervous system (CNS)): Impaired consciousness
   - Myocardial (heart) and other organs

Adapted from Dengue, Guidelines for Diagnosis, Treatment, Prevention and Control, WHO/TDR.