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 (>2 cm
• 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.