



The New Dengue CPG

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Outline



- Introduction
- Epidemiology
- Pathophysiology
- Classification
- Management OPD case
- Management IPD case (febrile phase)
- prevention

Dengue virus



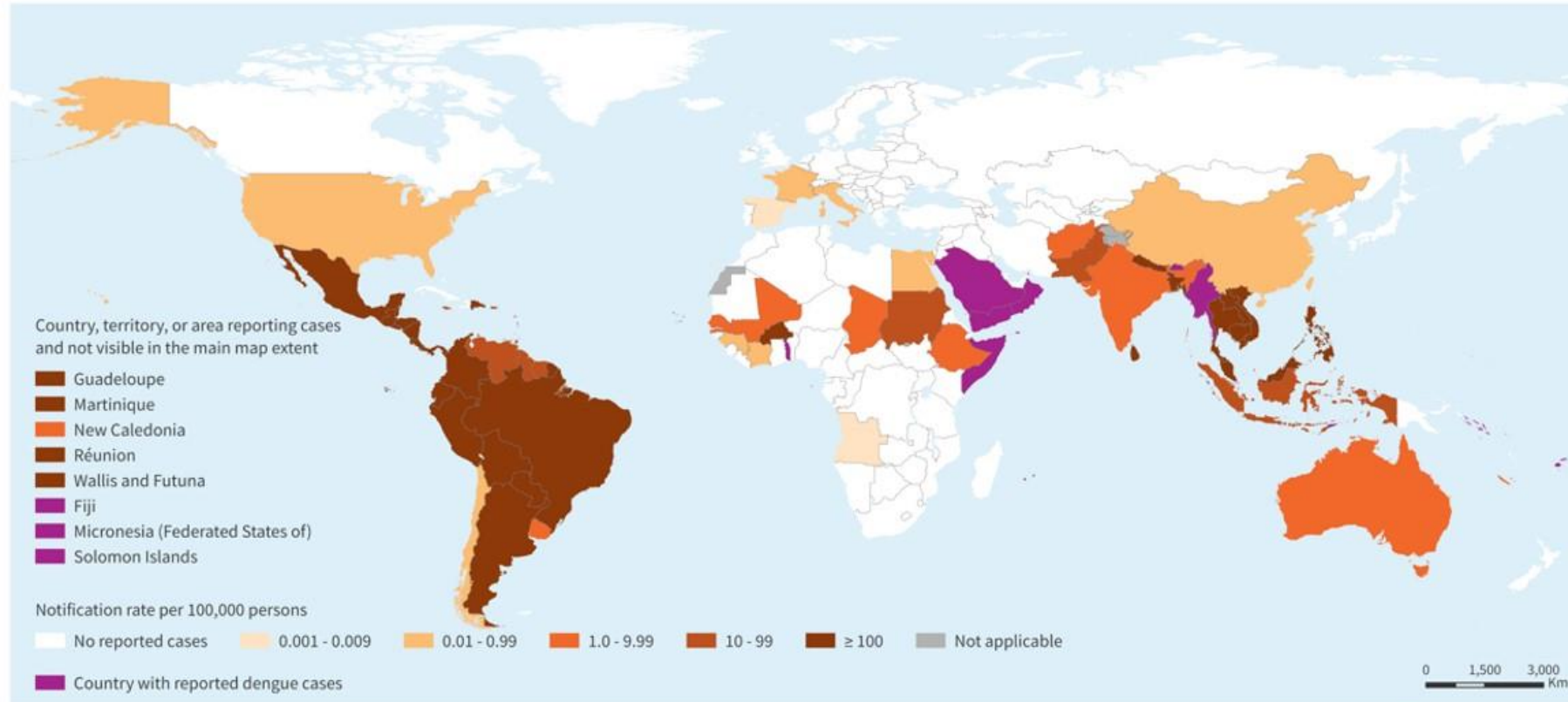
- Family *Flaviviridae*
- Single strand RNA virus
- 4 serotypes (DEN1, DEN2, DEN3, DEN4)
- Transmission: *Aedes aegypti* mosquito (and less common, *Aedes albopictus*)
- Infection of dengue virus produces **lifelong immunity against that type** and period of **cross protection** (often 6-12 months) against infection with the other 3 types

Dengue Global Situation



- The global incidence of dengue has **markedly increased** over the past two decades
- From 2000 – 2019 → 500,000 to 5.2 million cases of dengue infection
- After a slight decline of cases between the year 2020-2022 due to the COVID-19 pandemic, in 2023 an upsurge in dengue cases have been observed globally
- In 2023 around 5 million cases of dengue

Dengue Global Situation



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Data Source: World Health Organization, European Centre for Disease Prevention and Control
Map Production: WHO Health Emergencies Programme
Map Date: 8 December 2023

