



# Dengue and severe dengue

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## Overview

## Symptoms

## Treatment

Dengue is a mosquito-borne viral infection common in warm, tropical climates. It is caused by any one of four closely related dengue viruses (called serotypes), which can lead to a broad spectrum of symptoms, including some that are extremely mild (unnoticeable) to those who may require medical intervention and hospitalization. In severe cases, fatalities can occur. There is no treatment for the infection itself, but the symptoms that a patient experiences can be managed.

In 2023, WHO graded dengue as a Grade 3 emergency after outbreaks increased in several countries. Dengue epidemics tend to have seasonal patterns, with transmission often peaking during and after rainy seasons. Several factors contribute to this increase, including high mosquito population levels, susceptibility to circulating serotypes, favourable air temperatures, precipitation and humidity, all of which affect the reproduction