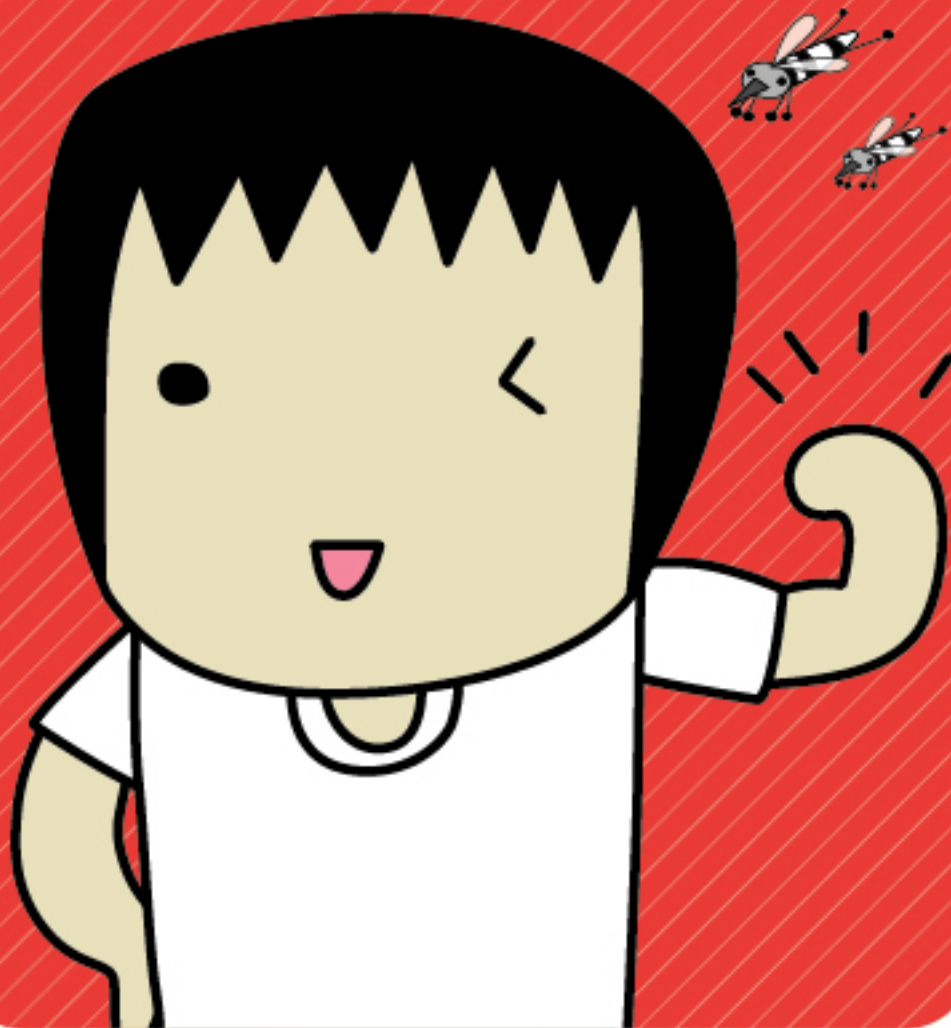


DENGUE:

A GLOBAL CONCERN



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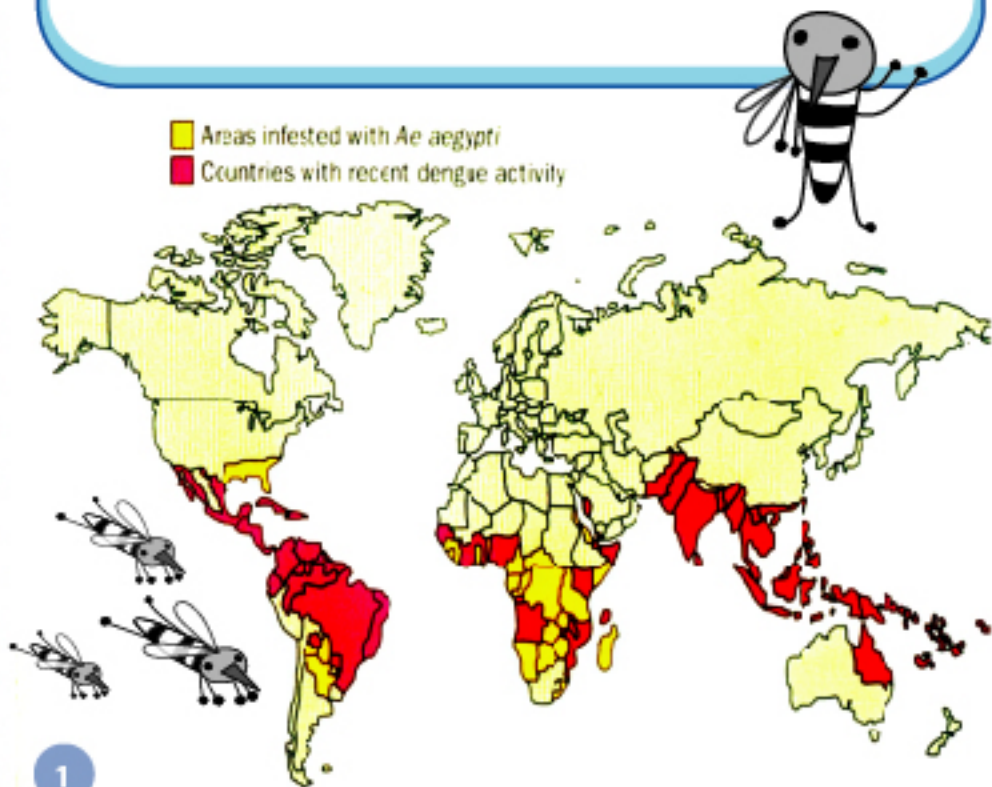
12 pages

1. Dengue I. Title

Dengue: A global concern

Dengue is a major public health concern in South and Southeast Asia, the Western Pacific regions, Central and South America and other tropical countries.

- Areas infested with *Ae. aegypti*
- Countries with recent dengue activity



Getting to know dengue



Dengue is the virus that can be transferred to humans by biting of **mosquitoes**.



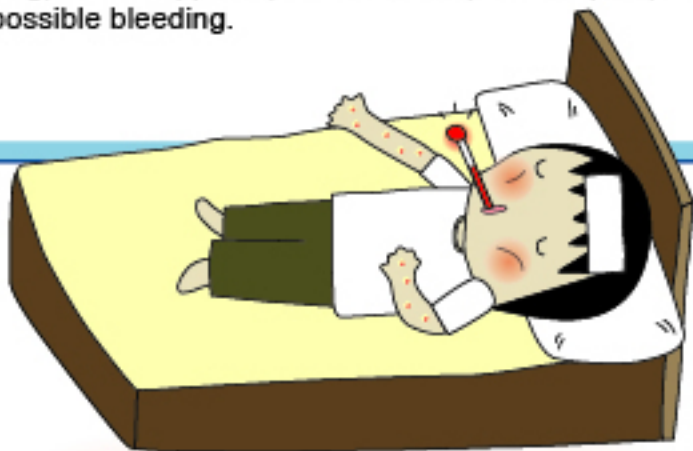
The diseases caused by dengue virus occur all year round, but more common in the **rainy season**.

Although the majority of dengue victims are **children**, all other ages can be affected.



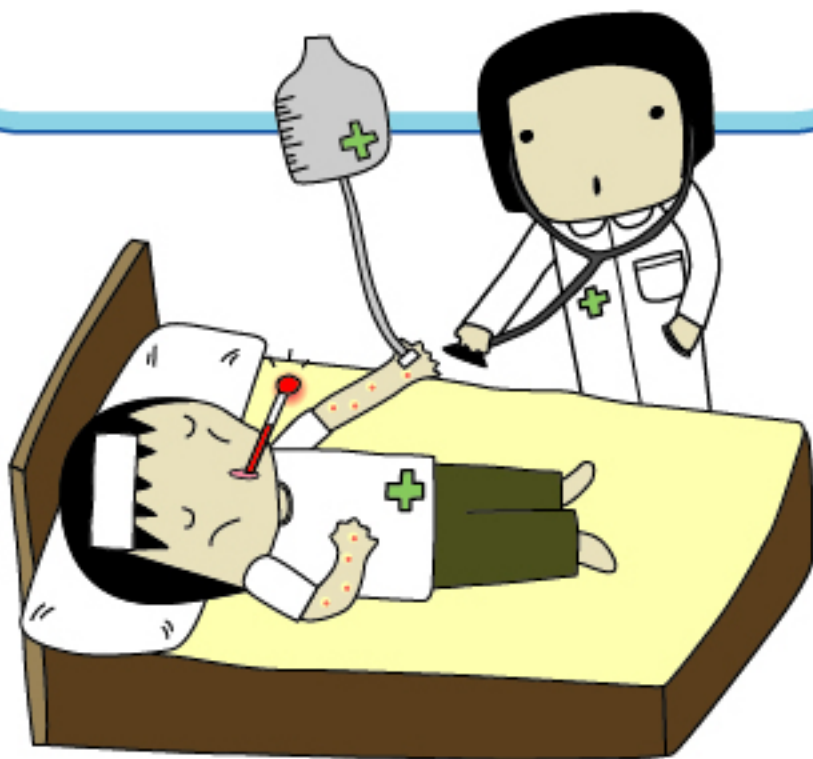
Symptoms of dengue

Very **high and sustained fever**, flushed face, nausea, vomiting, loss of appetite, stomachache, muscle pain, headache and possible bleeding.



Course of dengue

The **diagnosis** of dengue at the early phase is not easy. Close observation during the course of illness is very important.



Critical dengue

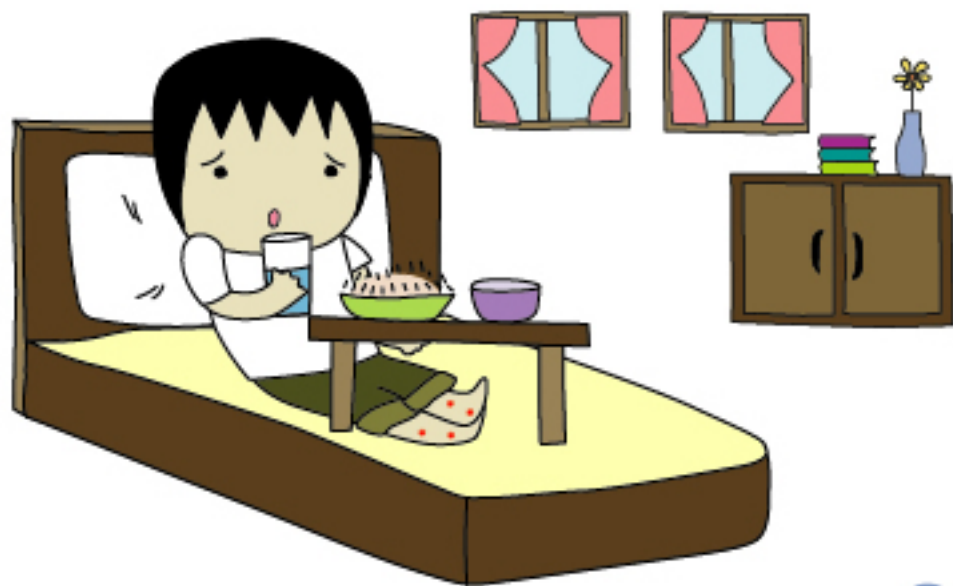
The illness may result in **shock** when the fever goes down. Shock leads the patient to restlessness with cold hands and feet, weak pulses and low blood pressure.

These patients should immediately be taken to the hospital.



Recovery phase of dengue

The patient will feel better, **eat and drink well** and pass more urine. Some may have **red rashes** mainly on the legs.



Dengue treatment

Close follow up and blood tests in dengue patient are necessary.

Adequate **drinking** of fruit juice, electrolyte solution or plain water is encouraged while some patients may need **intravenous fluid therapy**.



Supportive care

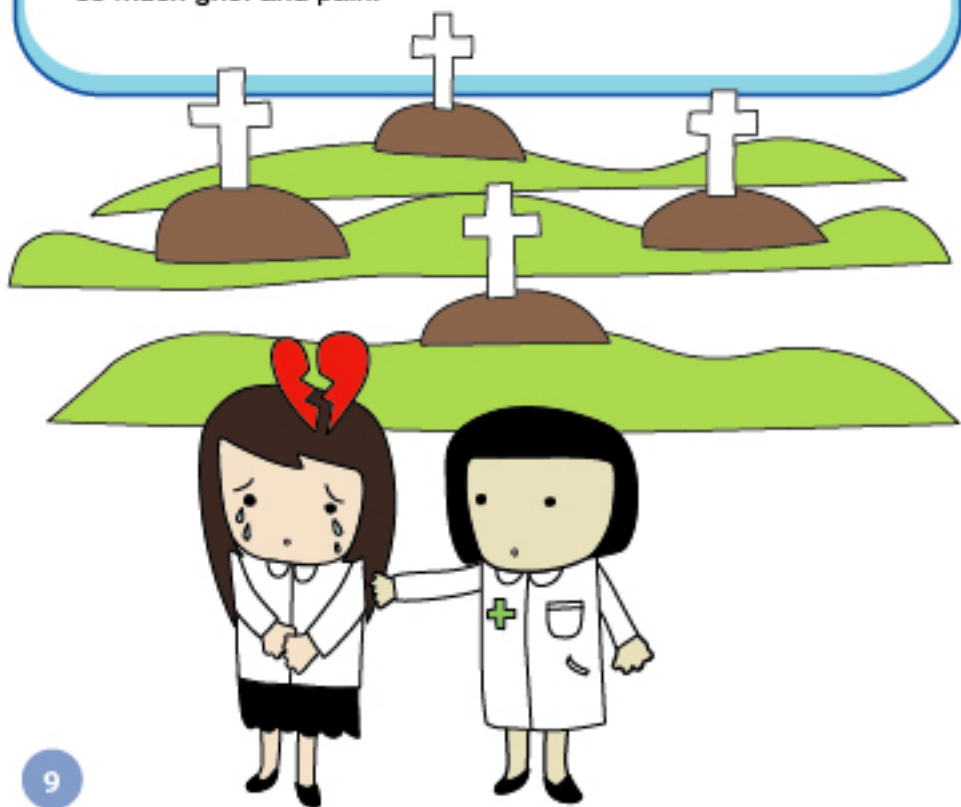
Sponging down the fever, taking a soft diet and sipping fluid.



Unavoidable loss

Even though dengue patients are saved most of the time, certain loss is unavoidable in very **severe dengue**.

Losing healthy loved ones unexpectedly can produce so much grief and pain.

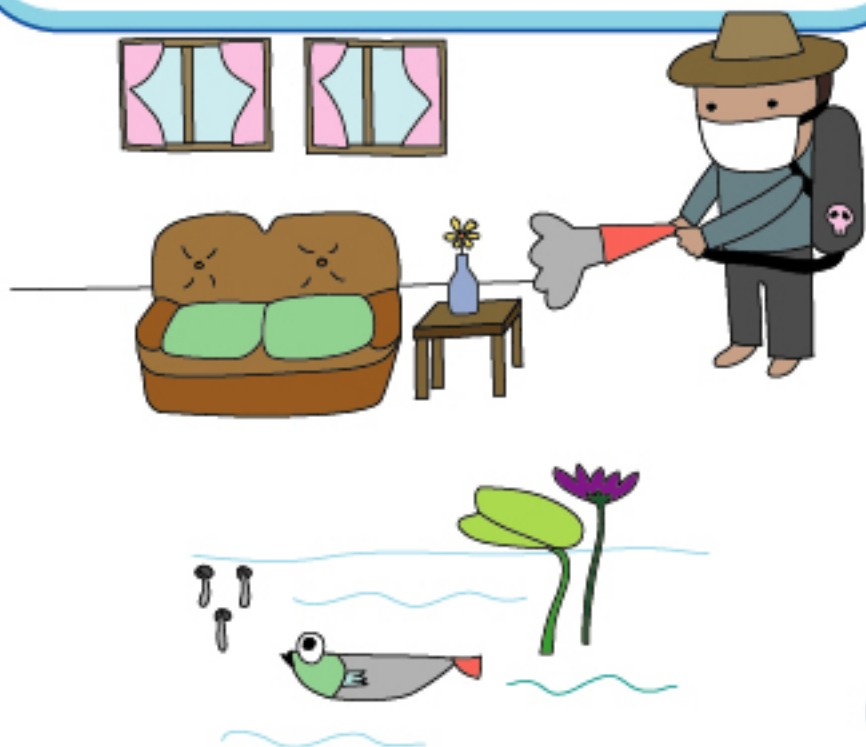


Prevention of dengue

- Avoidance of mosquito bite
- Mosquito control
- Eradication of mosquito larvae

The main vector of dengue is the **Aedes** mosquito, which prefers to feed on man during daytime.

Their breeding sites are in clean still water.



Dengue vaccine

The vaccine is **not yet available**, some difficulties in making dengue vaccine are :

- Many dengue serotypes to be covered
- The complexity of the disease mechanism





Contents

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