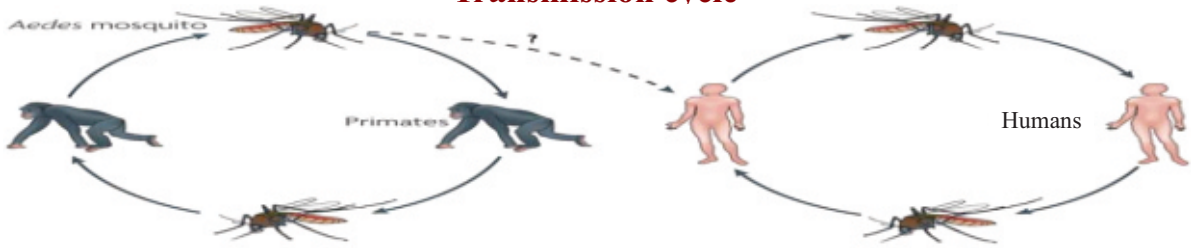



Dengue fever, also known as breakbone fever, is an acute mosquito-borne viral disease. *Aedes* spp. of mosquitoes are primarily involved in dengue transmission. The disease is characterized by joint pain, muscle aches, headache and rash. Dengue hemorrhagic fever is a severe form of the disease.


Transmission cycle



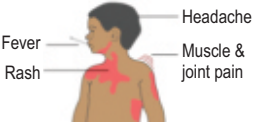
Occurrence of dengue




Precautions at home



Lesions



General symptoms



Rashes

Elimination of stagnant water in homes and surrounding environments

Clinical symptoms in humans:

The principal symptoms of dengue are:

- High fever and at least two of the following:
- Severe abdominal pain or persistent vomiting
- Red spots or patches on the skin
- Bleeding from nose or gums
- Vomiting blood
- Black, tarry stools (feces, excrement)
- Drowsiness or irritability
- Pale, cold, or clammy skin
- Difficulty in breathing

Diagnosis

- On the basis of symptoms
- Immunochromatographic strips/ELISA

Prevention and control

- Mosquito control using spray/mosquito coil/net
- Wear long-sleeved clothes when going outdoors
- Early clinical and laboratory diagnosis, intravenous rehydration
- Mortality from dengue can be reduced to almost zero by implementing timely, appropriate clinical management

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Year of publication: 2021