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Dengue Hemorrhagic Fever and Cardiac Involvement

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[Cardiac involvement in Dengue Haemorrhagic Fever](https://pubmed.ncbi.nlm.nih.gov/9579814)

<https://pubmed.ncbi.nlm.nih.gov/9579814>

Acute reversible **cardiac** insult may be noticed in Dengue Haemorrhagic Fever/Dengue Shock Syndrome and could be responsible for **hypotension/shock** seen in some of these patients. Further studies are required to establish the pathogenic mechanisms of cardiac dysfunction in patients with Dengue Haemorrhagic Fever/Dengue Shock Syndrome.

Cited by: 195

Author: J.P Wali, A Biswas, S Chandra, A Malhotr...

Publish Year: 1998

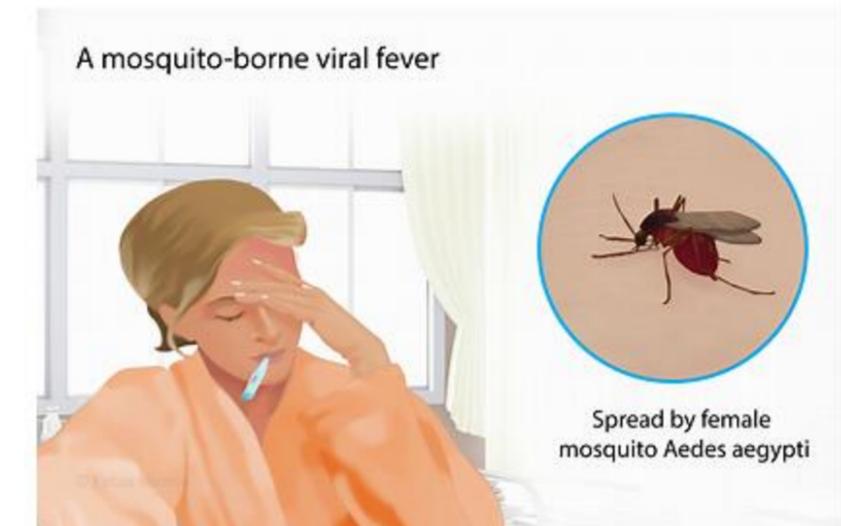
[Spectrum of cardiac involvement in patients with dengue fever](https://www.sciencedirect.com/science/article/pii/S0167527320338158)

<https://www.sciencedirect.com/science/article/pii/S0167527320338158>

Sep 13, 2020 · The reported incidences of cardiac involvement and myocarditis in dengue infection are varied in different studies. Salgado et al. in a study of 102 patients with DF, found myocarditis in 14%; these patients had dengue hemorrhagic fever (DHF) [6]. Wichmann D, et al. from Sri Lanka reported a 27% incidence of cardiac involvement in DF [12].

Dengue Fever

Medical Condition



A mosquito borne viral disease. This causes high fever, headache and joint pains.

 Very rare (Fewer than 20,000 cases per year) >

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Cardiac involvement is **not rare** in patients with dengue fever. Most common cardiac dysfunction is sinus bradycardia. Rising serum levels of markers of cardiac injury is indicative of bad prognosis.

Author: Chintan Shah, Govindan Vijayaraghavan, Chandrasekharan C. Kartha

Cited by: 2

Publish Year: 2021

Female: 122

Male: 198

Spectrum of cardiac involvement in patients with dengue fever

www.sciencedirect.com/science/article/pii/S0167527320338158

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What is the prognosis of dengue fever?

What are the stages of dengue fever?

What is dengue fever and how it spreads?

What are common victims of dengue fever?

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Table 1

Severity	Symptoms
Dengue Fever	Fever and two of the following: Nausea, ...
Dengue Fever with Warning Signs	Dengue fever as defined above with any o ...
Severe Dengue	Dengue fever with at least one of the fo ...

May 28 2021

Author: Janakiraman Abhinayaa, Saji James, Rathinasamy Jebaraj, Ponnurangam Nagarajan Vinoth

Publish Year: 2021

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PEOPLE ALSO ASK

- What is the prognosis of dengue fever?
- What are the stages of dengue fever?
- What is dengue fever and how it spreads?
- What are common victims of dengue fever?

Feedback

Cardiac involvement in Dengue Haemorrhagic Fever

https://pubmed.ncbi.nlm.nih.gov/9579814

Acute reversible cardiac insult may be noticed in Dengue Haemorrhagic Fever/Dengue Shock Syndrome and could be responsible for hypotension/shock seen in some of these patients. Further studies are required to establish the pathogenic mechanisms of cardiac involvement in Dengue

Dengue Fever

Medical Condition

A mosquito borne viral disease. This causes high fever, headache and joint pains.

- Very rare (Fewer than 20,000 cases per year in US)
- Transmitted through mosquito bites
- May be preventable by vaccine
- Requires lab test or imaging
- Treatable by a medical professional
- Can last several days or weeks

Dengue fever is caused by a virus called Dengue virus which is transmitted by a mosquito species called Aedes especially by A. Aegypti. Sudden onset of high fever, headache especially at the back of the eyes and joint pain are the commonly observed symptoms. Treatment of dengue fever is mainly supportive and depends on the stage of infection

Symptoms

Commonly observed symptoms are as follows:

- Sudden onset of very high fever
- Severe headache usually at the back of eyes
- Muscles and joints becomes painful
- Development of skin rashes
- Fatigue
- Vomiting
- Mild bleeding

Treatments

Treatment of dengue fever is mainly supportive and depends on the stage of infection

Medical procedures: Blood transfusion