

Dengue fever

'Dengue fever' is a viral disease caused by *Flavivirus* (Arboviruses) transmitted by mosquitoes. It occurs in tropical Asia, Africa and Central and South America. It mainly affects young people, including children.

The incubation period is 3-7 days, then a sudden febrile condition lasting 3-6 days begins ^[1] A two-phase process is common. The first phase is accompanied by "high fever and persistent myalgia and arthralgia" (*breakbone fever*). During the second phase, a "maculopapular rash" usually appears, which is most pronounced on the torso, without affecting the soles and palms. At the same time, the cervical nodes enlarge. Complications can be myocarditis or nervous system damage. ^[2]

'Hemorrhagic form' is manifested by bleeding on the skin, may be accompanied by ascites, vomiting, abdominal pain; progression is manifested by hypotension, hypovolemia, and shock. The cause is a recurrent infection with another serotype of the virus. ^[2]

Diagnostic

Specific antibody titer.

Treatment

Symptomatic.

Prognosis

Usually good, except the hemorrhagic form.

Links

Related articles

- Hemorrhagic fevers
- Arboviruses

External links

<https://cs.wikipedia.org/wiki/Dengue>

Source

- ws: https://www.wikiskripta.eu/w/Hnisav%C3%A1_meningitida_%28pediatrie%29

References

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2. ↑ Státní zdravotní ústav. *Infekce v ČR 2015, kumulativně* [online]. Poslední revize 2015, [cit. 2015-11-26]. <<http://www.szu.cz/publikace/data/kumulativni-nemocnost-vybranych-hlasenych-infekci-v-ceske>>.
3. Dostál, V. et al.: *Infektologie*. Karolinum, Praha, 2004, str. 228
4. BENEŠ, Jiří, et al. *Infekční lékařství*. 1. vydání. Praha : Galén, 2009. 651 s. ISBN 978-80-7262-644-1.

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