Informationen für Bürgerinnen und Bürger DENGUE FIEBER Englisch	DENGUE FEVER	infektionsschutz.de Wissen, was schützt.
	Information sheet about pathogens in humans	
What is dengue fever?	Dengue fever is a vector-borne disease caused by the dengue virus. The viruses are transmitted from Aedes mosquitoes to humans. These mosquitoes are particularly found in tropical and subtropical regions. Dengue fever is one of the most common causes of fever in people who have returned from travel to large parts of the tropics and subtropics.	
How is dengue fever transmitted?	Dengue viruses are transmitted to humans mainly through the bite of the Egyptian tiger mosquito (Aedes agyptii). They are found in subtropical and tropical regions, for example in Central America, South America, Southeast Asia or parts of Africa. The mosquitoes can bite at any time of the day, but are mostly active during the day and often bite early in the morning and in the evening at dusk. The risk of transmission is particularly high during the rainy season. Another subspecies of the Aedes mosquito, the Asian tiger mosquito (Aedes albopictus), is also found in the southern part of Europe. There have been isolated cases of dengue virus transmission in this area in the past. There is usually not any direct transmission from person to person.	
What symptoms do the sufferers show?	In most cases, the dengue virus causes no symptoms or only a few days and up to a week. Classic dengue fever can initially symptoms. Typical symptoms at the beginning include a fever The headaches are often perceived as a strong feeling of pres symptoms include muscle pain and joint pain, which is why de fever". It can also cause a skin rash with small, pale red spots become swollen. It often takes several weeks for the symptom disappear. A severe form of dengue fever can develop in a very small num who have already experienced a dengue infection are particula The severe form is accompanied by other symptoms, such as	become noticeable through flu-like up to 40 degrees, chills and headaches. sure behind the eyes. Additional engue fever is also called "break-bone on the body. The lymph nodes can ns of classic dengue fever to completely mber of sufferers. Children and people arly at risk. severe abdominal pain, vomiting,
	shortness of breath and impaired consciousness. Blood clotti course of the disease. Signs of this can be small, pinpoint blee severely nosebleeds and internal bleeding. The severe form of dengue fever can lead to circulatory collap detected and treated early, the mortality rate is below 1%. In G dengue deaths are extremely rare.	eding on the skin (petechiae) or more use and organ failure. If dengue fever is
What's the incubation period – and how long are you contagious?	It usually takes 4 to 7 days from infection to the onset of the in occur after 3 days or only after up to 14 days. Sufferers canno people. They are therefore not contagious to other people, exc for example. However, if the infected person is bitten by an Aedes mosquito mosquito. This mosquito can then infect other people through	ot transmit the virus themselves to other cept in the case of a needle injury, o, the virus can be transmitted to the
Who is particularly at risk?	 The dengue virus can infect people living in tropical or subtrop mainly affects people who are traveling in Central America, So Africa. In southern parts of Europe, there are only very few cas regions mentioned. Certain groups of people have an increase Children under 15 years of age People who have already been infected with the dengue virus 	buth America, South East Asia or parts of ses of transmission compared to the other ed risk of a severe case of dengue fever:



BVÖGD Bundesverband der Ärztinner und Ärzte des Öffentlichen Gesundheitsdienstes e.V.



Informationen für <u>Bürge</u>rinnen und Bürger

DENGUE FEVER

What should I do if I fall ill?

How can I protect

myself?

There is no specific therapy for dengue fever. In the case of illness, only the symptoms can be treated, for example with antipyretics. In the case of pain, certain painkillers (ibuprofen, acetylsalicylic acid) should not be taken due to an increased risk of bleeding. Therefore, talk to your doctor before taking any medication. Severe cases of dengue fever must be treated in hospital.

Protection against mosquito bites

The best way to protect yourself from dengue fever is to protect yourself from mosquito bites when traveling. The following measures are suitable:

- ► Wear clothing that covers as much skin as possible.
- Apply mosquito repellent to the skin. If you use sunscreen, let it absorb well before applying the repellent.
- Clothing can also be made more repellent by applying mosquito repellent to it. Observe the product's instructions for use.
- Attach insect screens to windows and doors or use mosquito nets.
- ► Stay in air-conditioned rooms if possible.
- Avoid stagnant water or other open areas of water if possible.

Vaccinaction

The vaccine Qdenga has been available to protect against dengue fever since spring 2023. In November 2023, a recommendation for this vaccine was issued by the Standing Committee on Vaccination (STIKO). The STIKO recommends vaccination only for people aged 4 years and older who have been proven to have been infected with the dengue virus (i.e. laboratory confirmation of a dengue virus infection is available) and who

- ► are planning a trip to a risk area or
- carry out targeted activities with dengue viruses (e.g. in research institutions or laboratories) outside endemic areas.

Vaccination should take place at the earliest 6 months after a laboratory-confirmed infection with the dengue virus.

Two doses of the vaccine at least 3 months apart are required for adequate vaccination protection.





Informationen für Bürgerinnen und Bürger

DENGUE FEVER

Where can I get more information?

Information and advice is available from your local health authority. Since dengue fever must be reported, it has information on the current situation and experience in dealing with the disease.

You can find further information on this subject on the Robert Koch Institute website at <u>www.rki.de/dengue</u>.

You can find answers to frequently asked questions, especially about vaccination, here: https://www.rki.de/SharedDocs/FAQ/Dengue/FAQ-Liste.html?nn=2397556.

Information on the STIKO recommendation for vaccination to protect against dengue fever can be found at <u>https://www.rki.de/DE/Content/Infekt/EpidBull/Archiv/2023/Ausgaben/48_23.pdf?__</u> blob=publicationFile.

Travelers can check the travel and safety information provided by the Federal Foreign Office to see if their destination abroad is one of the areas affected by the dengue virus: <u>www.auswaertiges-amt.de</u>.

You will find a world map of the dengue virus-affected areas on the website of the Centre of Disease Control and Prevention in English: <u>https://www.cdc.gov/dengue/areas-with-risk/</u>.



STEMPEL

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Drawn up in cooperation with the Bundesverband der Ärztinnen und Ärzte des Öffentlichen Gesundheitsdienstes e.V. and in coordination with the Robert Koch-Institut.

This citizens' information is available for download free on the website $\underline{www.infektionsschutz.de}.$



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