



सत्यमेव जयते  
Government of India



# Media Scanning & Verification Cell



Media alert from the Media Scanning & Verification Cell, IDSP-NCDC.

Alert ID	Publication Date	Reporting Date	Place Name	News Source/Publication Language
4480	09.01.2018	10.01.2018	Dakshina Kannada Karnataka	www.timesofindia.com/English <a href="https://timesofindia.indiatimes.com/city/mangaluru/dk-district-records-its-first-japanese-encephalitis-fatality/articleshow/62427388.cms">https://timesofindia.indiatimes.com/city/mangaluru/dk-district-records-its-first-japanese-encephalitis-fatality/articleshow/62427388.cms</a>
<b>Title:</b>	<b>DK District records its first Japanese encephalitis fatality, Karnataka</b>			
Action By CSU, IDSP -NCDC	Information communicated to DSU-Dakshina Kannada, SSU-Karnataka			

Japanese encephalitis (JE), an infection of the brain caused by the Japanese encephalitis virus (JEV), has claimed its first victim in the district this year. This is also the first ever death due to JE in the district.

The victim is Subraya Gowda, 55, a resident of Puttur. He had got admitted for fever on December 4 in Puttur and later was shifted to a hospital in Mangaluru as the fever did not subside. He went back home a few days in January and the infection recurred. He died at a hospital in Puttur on Monday.

Dr BV Rajesh, District Surveillance Officer, confirmed that the patient died due to JEV, saying the test results came back positive for the virus infection from Manipal Centre for Virus Research (MCVR), Manipal.

Dr Arun Kumar, District Malaria Officer said though there have been JV infections, this is the first JE death in the district. While there were three JV infections reported in 2015, two were reported in 2017 in the district in December month and one of them died. Another case was reported in Pudu PHC of Bantwal taluk. The year 2016 had no JV cases reported.

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**Disclaimer:- This is a media alert subject to verification.**

**Integrated Disease Surveillance Programme (IDSP), National Centre for Disease Control,  
Ministry Of Health & Family Welfare, Government of India**

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एक कदम स्वच्छता की ओर

According to World Health Organisation website states the infection is caused by JEV, a flavivirus related to dengue, yellow fever and West Nile viruses, and is spread by Culex mosquitoes. JEV is the main cause of viral encephalitis in many countries of Asia with an estimated 68,000 clinical cases every year. There is no cure for the disease. The treatment is focused on relieving severe clinical signs and supporting the patient to overcome the infection. WHO has recommended integrating JV vaccine into national immunization schedules in all areas where JE disease is recognized as public health issue.

In the neighbouring district of Udupi, after four JE cases were reported, the health official were mulling on making the vaccine compulsory. In 2017, Udupi reported three cases of JV and one this year.

**SYMPTOMS:** WHO states most JEV infections are mild (fever and headache) or without apparent symptoms, but approximately one in 250 infections results in severe clinical illness. Severe disease is characterized by rapid onset of high fever, headache, neck stiffness, disorientation, coma, seizures, spastic paralysis and ultimately death. The case-fatality rate can be as high as 30% among those with disease symptoms. Of those who survive, 20%-30% suffer permanent intellectual, behavioural or neurological problems such as paralysis, recurrent seizures or the inability to speak.

JEV is transmitted to humans through bites from infected mosquitoes of the Culex species (mainly Culex tritaeniorhynchus). Humans, once infected, do not develop sufficient viraemia to infect feeding mosquitoes. The virus exists in a transmission cycle between mosquitoes, pigs and/or water birds (enzootic cycle).

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