



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
5073	16.12.2018	17.12.2018	Maharashtra	www.timesofindia.com/English <a href="https://timesofindia.indiatimes.com/articleshow/67119798.cms?utm_source=contentofinterest&amp;utm_medium=text&amp;utm_campaign=cppst">https://timesofindia.indiatimes.com/articleshow/67119798.cms?utm_source=contentofinterest&amp;utm_medium=text&amp;utm_campaign=cppst</a>
<b>Title:</b>	<b>After 3 years, Chandipura virus infects six in Maharashtra</b>			
Action By CSU, IDSP -NCDC	Information communicated to SSU-Maharashtra			

The Chandipura virus, which is spread to humans by sandflies, has infected six people in the state's Gadchiroli district so far this year. These six cases come after an extended lull — between 2015 and 2017, no cases were reported in Maharashtra.

The Chandipura virus strikes children, causes inflammation of the brain and kills fast. Patients are treated symptomatically as no effective vaccines or therapeutics are available still.

"The Chandipura virus is endemic to Maharashtra's Vidarbha region, where cases occur sporadically. There had been no case detection between 2015 and 2017 in the state. However, this year, we have registered six cases. All of the patients were from the Gadchiroli district," said state entomologist Mahendra Jagtap.

The virus spreads to human beings through the bite of a sandfly that usually breeds during the rainy season.

"Unlike dengue, an exposure to the Chandipura and Japanese encephalitis virus creates herd immunity in the community. Therefore, only a few catch the illness while the rest of the exposed population gets immunity against the virus. That is why there are sporadic cases only," said another entomologist Mukund Deshpande.

The symptoms of Chandipura virus infection include sudden high fever accompanied by a headache, convulsions and vomiting. Sometimes, a patient may lose consciousness. There is no specific medicine for the infection. Hospitalization and symptomatic treatment are

**Save Water- Save Life, Save a tree- Don't print unless it's really necessary!**

**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**

**22-Sham Nath Marg, Delhi – 110 054**

For more information please contact: Media Scanning & Verification Cell: - Phone (011)23946029

Email: - [idsp-msc@nic.in](mailto:idsp-msc@nic.in), [idsp-npo@nic.in](mailto:idsp-npo@nic.in)

Join us on



<http://www.facebook.com/pages/Media-Scanning-Verification-Cell-IDSPNCDC/137297949672921>

twitter

<https://twitter.com/MSVC1>



provided to the patient. In the past few years, cases have been reported from Bhandara, Chandrapur, Wardha, Nagpur and Gadchiroli districts. Amravati too has reported a few suspected cases since 2009.

In the case of Chandipura viral infection, along with IgM Elisa (enzyme-linked immunosorbent assay), virus genome detection is done by another high-end test called RT-PCR (reverse transcriptase polymerase chain reaction).

“Sometimes, the antibody response may not be developed by the body in the acute phase of the infection as this virus grows very fast. Hence, we have to carry out the RT-PCR test. IgM Elisa detects the presence of antibodies elicited against the virus whereas RT-PCR detects the very presence of the virus itself,” said a senior scientist from National Institute of Virology (NIV).

💧 Save Water- Save Life, 🌳 Save a tree- Don't print unless it's really necessary!

**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**

**22-Sham Nath Marg, Delhi – 110 054**

For more information please contact: Media Scanning & Verification Cell: - Phone (011)23946029

Email: - [idsp-msc@nic.in](mailto:idsp-msc@nic.in), [idsp-npo@nic.in](mailto:idsp-npo@nic.in)

Join us on



<http://www.facebook.com/pages/Media-Scanning-Verification-Cell-IDSPNCDC/137297949672921>

twitter



<https://twitter.com/MSVC1>

