

**GOVERNMENT OF MIZORAM
HEALTH & FAMILY WELFARE DEPARTMENT
MIZORAM SECRETARIAT, MINECO, AIZAWL-796001**

Aizawl, the 10th November, 2022

NOTIFICATION

No.D.33011/7/19-HFW (NVBDCP)/45: In the interest of public service, the Governor of Mizoram is pleased to notify Dengue as a notifiable disease and issue Standard of Procedure on Dengue as follows with immediate effect and until further orders.

Dengue has become a major public health concern in the country accounting for substantial morbidity and mortality. As there is no specific drug and commercially available vaccine, prevention is the only strategy for Dengue. Therefore, early reporting of Dengue cases is necessary for implementing preventive measures before it spreads further in an epidemic proportion.

In order to ensure early diagnosis and case management, reduction of Dengue transmission, addressal of the problems of emergency and spread of disease in newer geographical areas, it is essential to have complete information of all Dengue cases. Therefore, the healthcare providers shall notify every suspected Dengue case to Health Authorities viz. Chief Medical Officers of the district concerned or Medical Officers of each concerned area. For the purpose of case definition, 'Dengue case' is defined as follows:

A. Probable Dengue fever/Dengue Hemorrhagic Fever:

A case compatible with clinical description of Dengue Fever – An acute febrile illness of 2-7 days duration with two or more of the following manifestations:

- Headache
- Retro-orbital pain
- Myalgia
- Arthralgia
- Rash
- Hemorrhagic manifestations

OR

Non ELISA based NS1 antigen/IgM positive

(A positive test by RDT will be considered as probable due to poor sensitivity and specificity of currently available RDTs)

B. Confirmed Dengue Fever:

A case compatible with the clinical description of Dengue fever with at least one of the following:

- Demonstration of Dengue virus antigen in serum samples by NS1 ELISA
- Demonstration of IgM antibody titre by ELISA positive in single serum sample
- Detection of viral nucleic acid by Polymerase Chain Reaction (PCR)
- Isolation of Dengue virus (Virus culture +ve) from serum, plasma, leucocytes
- IgG seroconversion in paired sera after 2 weeks with four fold increase of IgG titre