

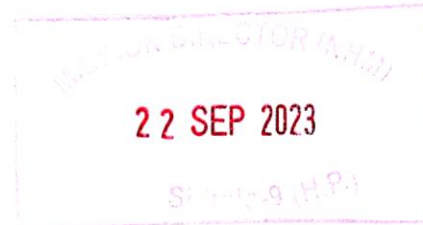
I/248804/2023

No. NHMHP-IDSP0SCTY/1/2019-IDSP-11072

National Health Mission-HP  
SDA Complex, Kasumpti, Shimla-9  
Himachal Pradesh

Dated: Shimla-171009,

To



All the Principals,  
Govt. Medical Colleges,  
Himachal Pradesh

All the Medical Superintendents,  
Himachal Pradesh

All the Chief Medical Officers,  
Himachal Pradesh

**Subject: Regarding IDSP definitions of Scrub Typhus.**

Sir/Madam,

In the view of Scrub typhus cases & unfortunately few deaths reported in the State of Himachal Pradesh during recent monsoon season or grass/apple cutting season, the confirmation of diagnosis of the said disease cases is of utmost importance for prevention & management .

The confirmation of the said disease should be according to the following IDSP case definitions as per MoHFW, GoI which are as follows :

**Clinical case of Scrub Typhus is defined as:**

- Acute undifferentiated febrile illness of 5 days or more with or without eschar should be suspected as a case of Rickettsial infection. (If eschar is present, fever of less than 5 days duration should be considered as scrub typhus.)
- Other presenting features may be headache and rash, lymphadenopathy, multi-organ involvement like liver, lung and kidney involvement.
- The differential diagnosis of dengue, malaria, pneumonia, leptospirosis and typhoid should be kept in mind.

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I/248804/2023

**P- form IDSP Case Definition of Scrub Typhus**

Acute undifferentiated febrile illness of 5 days or more (in which common etiologies such as dengue, malaria, and typhoid have been ruled out)

- With or without eschar should be suspected as a case of Rickettsial infection. (If eschar is present, fever of less than 5 days duration should be considered as scrub typhus.)
- Other presenting features may be headache and rash, lymphadenopathy,
- Multi-organ involvement like liver, lung or kidney and encephalopathy in complicated cases.

**AND/OR**


- Titres of 1:80\* or above in OXK antigens by Weil Felix test may be an initial indication. A paired serology is advisable (\* States can define their significant titres )

**A probable case Laboratory-confirmed by any one of the following assays:**

- A case is one in which IgM ELISA is positive for scrub typhus.
- O. Tsutsugamushi DNA is detected in eschar samples or whole blood by PCR
- Seroconversion or four fold rise or fall in antibody titres in paired sera detected by Indirect Immune Fluorescence Assay (IFA) or Indirect Immunoperoxidase Assay (IPA) or ELISA

Keeping in view of above it is therefore requested to ensure the confirmed diagnosis of the said disease and report accordingly.

**Treat it as Most Urgent.**

  
Mission Director,  
National Health Mission,  
Himachal Pradesh

Endst. No. As above

Dated Shimla-9

Copy for information to:

1. The Director Health Services, Himachal Pradesh.
2. The Director Medical Education, Himachal Pradesh.

I/248804/2023

3. All the District Surveillance Officers, Himachal Pradesh for n/a.
4. All HODs Department of Microbiology, Medical Colleges, Himachal Pradesh for n/a



A handwritten signature in purple ink, appearing to be "Anand", written over the stamp.

Mission Director,  
National Health Mission,  
Himachal Pradesh