

Government of West Bengal.
Directorate of Health Services (PH & CD Branch.)
Swasthya Bhaban, 'B' - Wing, First Floor,
G.N. - 29, Sector - V, Salt Lake City, Kolkata - 700 091.

Memo.No.HPH/2'D'-12-2015/ 1014

Dt:-23.05.2018

CIRCULAR.

**Sub:- state advisory with the Guidelines/ Protocol from N.C.D.C. , GOI,
New Delhi Dt.22.05.2018 In connection with NIPAH VIRUS DISEASE
for compliance.**

Sir,

Dr. Pradeep Khasnobis, Joint Director IDSP of NCDC Wing of the Ministry of Health & Family Welfare, Government of India has issued advisory dated 22/05/2018 on human Nipah virus (NiV) relating to surveillance, diagnosis and other related actions.

2. In view of the above, the following actions at different health facilities in the State needs to be taken and followed up;

(i) Enhanced Surveillance:

All health facilities both Govt. & Private shall monitor all AES cases with caution connected to travel history to/from affected areas within the last 21 days. Currently areas around Kozhikode and Mallapuram districts in Kerala is undergoing NiV such outbreak (though localized) and also review for any unusual patterns which should be followed up in keeping with the NCDC guidelines as circulated on 22/05/2018 (copy enclosed for ready reference).

(ii) In case an unusual pattern in AES or ARDS is detected with history of patients as given in para (i) above, the case should be urgently investigated to rule out the prevalent cause of AES before testing for NiV and thereafter inform the State HQ IDSP Wing immediately for a follow up as per the NCDC guidelines.

3. The IDSP State Wing at Swasthya Bhavan will further guide the concerned Unit in case of sample testing is needed or there is a requirement for isolation ward/ visit by RRT teams etc. and for any other follow up actions. It is expected that all the health facilities are equipped with necessary PPEs, N-95 respiratory masks items & required Infection Control practices. The IDBG Hospital at Kolkata would be the State Apex Hospital and shall accordingly prepare itself in case of need.

4. A daily report, even if nil, shall be reported to IDSP Wing of State HQ at Swasthya Bhavan from all districts only. However in case of any suspect from Private Units, reporting should be instant over telephone to state HQ.

(1)



23/5/18

5. An action taken report in connection to this may be communicated to the Jt.DHS(PH&CD) at earliest.

Dr. Nimai Chandra Mandal, ADHS(EC,NC & ES) 1st.Floor, 'B'Wing, Swasthya Bhavan, GN-29, Sector-V, Salt Lake City, Kolkata-700091, Contact.No-9126504161 will be the contact person at state HQ, Swasthya Bhavan for NIPAH VIRUS DISEASE . Daily Report collection and compilation will be done by Sri Palash Mandal, State Consultant (Microbiologist) & Dr.Nita Roy, State Consultant (Vet) under supervision of Dr.Dipankar Maji, Dy.DHS(PH) & SNO(IDSP).

For any further clarification Jt.DHS(PH&CD) & SNO(IDSP) may be contacted.

Enclosed:- A copy of the Advisory.


23/5/18
Director of Health Service
& E.O. Secy.

Memo.No.HPH/2'D'-12-2015/

1014/1(11)

Dt:-23.05.2018

Copy forwarded for their kind information to:-

1. The Secy (PHP) & M.D.(NHM), Govt. of West Bengal, Department of H&FW,Swasthya Bhavan.
2. The Addl.DDG & Director E.M.R., Ministry of H&FW; Govt. of India.Room.No-555A,Nirman Bhavan,New Delhi-110108.
3. The Director, N.C.D.C.22, Samnath Marg, New Delhi-
4. The Sr.R.D.(MOHFW);JC-27,Block-C;Sector-III,Salt Lake City.
5. The Addl. Secy(PHP), Govt. of West Bengal, Department of H&FW,Swasthya Bhavan.
6. The Dy. Secretary (PHP), Department of H&FW;GoWB; Swasthya Bhavan.
7. The Jt.DHS(PH&CD), Swasthya Bhavan.
8. The Dy.DHS(PH) & SNO(IDSP), Swasthya Bhavan.
9. The ADHS(EC,NC & ES),Swasthya Bhavan.
10. System Coordinator, IT Cell for arrangement of web posting
11. Office copy


23/5/18
Director of Health Service
& E.O. Secy.

National centre for Disease control, 22, ShamNath Marg, Delhi-54

Sample Collection and Transport Guidelines for laboratory diagnosis of Nipah virus infection

Nipah virus being a **BSL-4 agent**, universal, standard droplet and bio-containment precautions should be followed during contact with excretions, secretions and body fluids of suspected patient. Adequate biosafety precautions should be adopted during collection/transport/ storage/ processing of clinical samples from suspected cases.

Sample collection: The samples should be collected as early as possible (preferably within 4-5 days on onset of illness) with all biosafety precautions and accompanied with detailed history of patients on the performa which can be obtained from the testing laboratory (Presently **National Institute of Virology, Pune** in public sector is the testing laboratory which is diagnosing Nipah virus infection based on **molecular detection of viral RNA** and **IgM antibody detection by ELISA test**). In Pvt Sector, there is one laboratory (**Manipal centre for Virus Research, Manipal, Karnataka**) who have the testing facility for Nipah virus.

During sample collection wear complete disposable Personal Protective Equipments (N 95 mask, double surgical gloves, gowns, goggles etc). Wash hands with soap and water at least for 30 seconds and then clean hand using 1-2 ml of alcohol based hand sanitizer before and after collection of samples.

The samples may be as follows

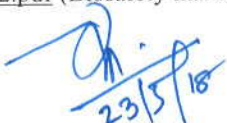
- Throat swab to be collected in viral transport medium
- Urine approx 10 ml in universal sterile container
- Blood in plain vial (at least 5ml)
- CSF (at least 1 ml) in a sterile container

Transportation and Storage of samples: Samples should be safely packed in triple container packing and should be transported under cold chain (2-8°C) to the testing laboratory with prior intimation. Before dispatching the sample, disinfect the outer surface of container using 1:100 dilution of bleach or 5% Lysol solution.

Sample containing vials should be kept in good quality plastic bags tied with rubber bands so that inside material if leaks should not come out of bag. The plastic bag should be kept in another container which should be sealed with adhesive tape. This carrier should be placed in another plastic bag sealed with rubber bands and placed in thermocol/vaccine carrier containing ice. The case sheets with complete information should be placed in plastic bag and should be pasted outside the container.

Samples should be transported at 2-8°C if they arrive at the laboratory with 48 hours; if shipping time is expected more than 48 hours, the samples should be sent using dry ice. Samples should not be held at -20°C for long periods. The sample must be stored at -70°C if storage is required for longer periods.

For further reading: www.ncdc.gov.in/WriteReadData/l892s/File572.pdf (Biosafety manual)


A. Director of Health Services
P. H. & C. D.
West Bengal
Swasthya Bhavan

DAILY REPORTING FORMAT

Name of the District/ MCH/.....Hospital

Date of Reporting:

Sl. No	Name of the Suspect	Age in completed years	Sex	Occupation	Detailed address including contact .No	Date of onset of symptoms (DD/MM/YY)	Symptoms on presentation					Shortness of Breath	History of travel to affected area or coming from the affected area in 21 days prior to onset of symptoms (when, where)	History of contact with confirmed or probable case (with details)	Date of Admission (DD/MM/YY)	Name of Hospital where admitted	Reasons for suspect (after excluding common causes of AES)
							Fever	Altered mental status	Seizure	Headache	Cough						

To be submitted to State IDSP Cell (h2hwestbengal@gmail.com)

It is advised to have a discussion with Jt.DHS(PH&CD) (9434067175) / SNO(IDSP) (9836046212) before final reporting if there is any suspect case.

Signature of the UNIT IN CHARGE


 23/5/18

Director of Health Services
 P. H. & C. D.
 West Bengal
 Bhawan