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Directorate General of Health Services
National Centre for Disease Control
Division of Zoonotic Diseases Programmes



Date: 01/07/2019

Subject: Minutes of the meeting of National Technical Advisory Group for Programme for Prevention and Control of Leptospirosis held on 13th June 2019

A Meeting of "National Technical Advisory Group for Programme for Prevention and Control of Leptospirosis" (PPCL) along with Review meeting of State Nodal Officers of Programme States / State Surveillance Officers (SSOs) of affected States due to Leptospirosis was held under the chairmanship of Dr. N.S Dharmshaktu, Principal Advisor, MoHF&W on 13th June 2019 at NCDC, Delhi from 10.30 am - 04:00 pm. Minutes approved by Chairman, is attached herewith for consideration please.


D. Simmi Tiwari
Deputy Director (PH) & OIC
Division of Zoonotic Diseases
Programmes,
NCDC, Delhi

Copy to:-

- Dr Gyanedra Gongal, WHO India
- Dr P Vijayachari, Director RMRC Port Blair
- Dr Paresh Dave, Additional Director, DHS Gujarat
- Dr Padnagar Singh Director General Health Services Uttar Pradesh
- Dr. Dr. T S Prabhakar, Director Health services Karnataka
- Dr.R.T.Porkai Pandian, Director Public Health & Preventive Medicine
- Dr Anup Kumar Yadav, Director Health Services, Maharashtra
- Dr Ashok Kumar, Director General of Health services, Government of Delhi
- Dr Ravinder Sharma, Director (VS), SDMC
- Dr Mohan Panappa, CDC India
- Dr Padmaja Keskar, DEHO, Mumbai
- Dr Partha Rakshit DD NCDC
- Dr Mahesh Waghmare, DD NCDC
- Dr Pranay Kumar Verma DD IDSP
- Dr Monil Singhai Assistant Director NCDC
- Dr Ajit Shewale, Assistant Director NCDC
- Dr Tushar Nale Assistant Director NCDC
- Dr Umang Mishra, Medical Officer DHS Gujarat
- Dr Tripathi Senior Medical Officer DHS Uttar Pradesh
- Dr Mahmood Sharif, Research Assistant DHS, Karnataka
- Dr K Kumar Chief Entomologist DHS Tamilnadu
- Dr Shahid A Khan, Microbiologist, IDSP, Govt of Delhi
- Dr S A Laskar, Consultant (vet) IDSP , Assam

Copy for Information to :-

1. Principal Advisor, MoHFW, Government of India
2. Director NCDC

Minutes of Meeting

A Meeting of “National Technical Advisory Group for Programme for Prevention and Control of Leptospirosis” (PPCL) along with Review meeting of State Nodal Officers of Programme States / State Surveillance Officers (SSOs) of affected States due to Leptospirosis was held under the chairmanship of Dr. N.S Dharmshaktu, Principal Advisor, MoHF&W on 13th June 2019 at NCDC, Delhi from 10.30 am - 04:00 pm.

Participants were representatives from Gujarat, Karnataka, Tamilnadu, Uttar Pradesh, Assam, Delhi state; Director, RMRC Port Blair (WHO Collaborating centre Leptospirosis) and Members of NTAG i.e. Nodal officer Leptospirosis Mumbai , PBA NCDC, IDSP, Zoonosis Lab. NCDC.

List of participants in annexed.

Following were points of discussion and recommendation made thereof.

Dr. Simmi Tiwari, DD & OIC, NCDC welcomed all the participants and briefed participants about objectives of the meeting i.e review of current status of programme, activities undertaken by state issues related to intersectoral coordination and discussion on way forward for the programme in consultation with N-TAG members.

Dr. S.K Singh, Director, NCDC in his inaugural address highlighted that Leptospirosis is responsible for considerable morbidity and mortality in India. He added that programme needs to focus on surveillance and laboratory diagnosis of Leptospirosis and regular review of programme at every level is requirement for improvement in the programm. He emphasized that Multidisciplinary approach is required to tackle the Leptospirosis and fund allocation along with its timely utilization is crucial for improved implementation of the programme.

Chairman of meeting Dr. N.S Dharmshaktu, Principal Advisor, MoHF&W in his address mentioned that programme need to be expanded to all state and 03-04 regional reference centers need to be established in view of reported of Leptospirosis from most of the parts of the country. He asked program division for reprioritization of states based on endemicity of the leptospirosis among the states. He also emphasized that representation from Veterinary Department/Ministry of Agriculture in all such meeting is required and next meeting need to organize jointly with Ministry of Agriculture.

Dr. G Gongal, WHO, SEARO, gave brief about Global Scenario of Leptospirosis and informed the participants about recent outbreaks in various countries and lessons to be learned thereof.

Dr. Ajit Shewale, Assistant Director, NCDC gave brief update on current status of Leptospirosis in the country and the activities under the programme by NCDC and Programme States.

Dr. Vijayachari Paluru, Director, RMRC, Port Blair gave brief on Current updates on Leptospirosis including update in Laboratory diagnosis of Leptospira, issues

thereof. He added that any serovar can present with severe leptospirosis hence it is important that serovar based approach is not as useful as the timely intervention.

Presentations were also made by state representatives of Karnataka, Tamil Nadu, Gujarat and Assam on status of Leptospirosis, diagnostic facilities available in the state, training status and fund utilization. Difficulty in tracing the funds in state treasury was also underlined. State representative requested to route the program funds through NHM route. It unanimously agreed by house to seek approval from AS & MD for inclusion of program in NHM PIP.

It was emphasized by the state representatives that considering farmers are high risk population hence IEC activities for increasing awareness about Leptospirosis may be conducted in KrishiMela/ krishi Mahotsavs/ religious gathering. It was also agreed that in case suspected Leptospirosis case referred to higher centre; referring centre need to ensure the administration of first dose of antibiotics to the patient.

It was also discussed that Chemoprophylaxis of Doxycycline 200mg once a week to be given to all high risk groups. The desirable duration is 4 week but can be extended maximum up to 8 weeks in group who may get exposed to water logged areas.

In order to improve Intersectoral coordination in the State members highlighted that Advisory should be shared to all the States for joint plan of implementation by health and Veterinary Department. Joint outbreak investigation to be done whenever there is leptospirosis outbreak among humans of animal sector.

Chair also emphasized that Microscopic Agglutination Test for all 21 serovar of Leptospirosis need to be established at NCDC. For that microbiologist from NCDC Delhi need to be trained for performing MAT at RMRC Port Blair. He underlined the importance of involvement Indian Medical Association (IMA) to be in Program for conducting CMEs and sensitization on Leptospirosis and prevalent zoonotic disease of public health importance.

Nodal officer Leptospirosis Mumbai highlighted the measures undertaken by rodent control department in Mumbai and need to be undertaken in all prevalent in all affected districts.

Following recommendations and action points emerged during the meeting.

1. RMRC Port Blair to Share state wise information on circulating/ prevalent Human serovars of Leptospirosis to NCDC & IVRI Izzatnagar. Action : RMRC Port Blair
2. Program for Leptospirosis to be implemented in all states & UTs reporting cases. Programme components i.e IEC, Training to be implemented in all states while all the components continue to be implemented in endemic states. Action : NCDC & all staes &UTs
3. Program to strengthen following Laboratories as a regional human leptospirosis diagnostic laboratories
 - a. Government Medical College Surat

- b. PGI Chandigarh
- c. RMRC Dibrugarh
- d. NIVEDI, Bangalore.

These laboratories should provide confirmatory diagnostic services for leptospirosis, perform Microscopic Agglutination Test (MAT) for all prevalent serovar of Leptospirosis, as well as help the program for conducting sero-surveillance. Action: States, NCDC

4. ELISA laboratory test performed at public health laboratories for leptospirosis to be monitored & External Quality Assurance protocol for all District Public Health Laboratories under IDSP to be developed. Action: IDSP, NCDC
5. A request to be made to IVRI Izzatnagar for sharing state wise information on circulating/ prevalent strains of Leptospirosis among cattle's to NCDC & RMRC Portblair. Action: NCDC
6. As an important stakeholder, an expert from ICAR- Indian veterinary research Institute, Izzatnagar Bareilly to represent under National Technical Advisory Group for PPCL. Action: NCDC
7. A representative from Department of Animal Husbandry & Dairying to be made co- chair for the next meeting of National Technical Advisory Group Meeting .Action: NCDC
8. As states presently reported they are facing extreme difficulty to trace the funds released separately by program hence program funds needs to be routed through NHM. Approval from AS & MD- NHM for inclusion of program in NHM PIP may be undertaken accordingly. Action : MOHFW
9. IDSP to provide list of district public health laboratories with facility of conducting ELISA test for Leptospirosis to National Program officer Action: IDSP

Meeting ended with vote of thanks.

List of participants

1. Dr N S Dharmashaktu, Principal Advisor MoHFW
2. Dr Sujeet K Singh Director NCDC
3. Dr Gyanednra Gongal, WHO India
4. Dr P Vijayachari, Director RMRC Port Blair
5. Dr Ravinder Sharma, Director (VS), SDMC
6. Dr Mohan Panappa, CDC India
7. Dr Umang Mishra, Medical Officer DHS Gujarat
8. Dr Tripathi Senior Medical Officer DHS Uttar Pradesh
9. Dr Padmaja Keskar, DEHO, Mumbai
10. Dr K Kumar Chief Entomologist DHS Tamilnadu
11. Dr Mahmood Sharif, Research Assistant DHS, Karnataka
12. Dr S A Laskar, Consultant (vet) IDSP , Assam
13. Dr Shahid A Khan, Microbiologist, IDSP, Govt of Delhi
14. Dr Partha Rakshit DD NCDC
15. Dr Simmi Tiwari DD & OIC DZDP, NCDC
16. Dr Mahesh Waghmare, DD NCDC
17. Dr Pranay Kumar Verma DD IDSP
18. Dr Monil Singhai Assistant Director NCDC
19. Dr Ajit Shewale, Assistant Director NCDC
20. Dr Tushar Nale Assistant Director NCDC
21. Dr Avinash Sunthalia, Medical Officer NCDC
22. Dr Monal Daftardar, Consultant DZDP, NCDC
23. Dr Prashant Tiwari, Consultant DZDP NCDC
24. Dr Chandrashekhar Sahukar Consultant DZDP NCDC
25. Dr Vaisakh TP, EIS officer NCDC