

अमृत

शीर्ष प्राथमिकता

संख्या-913/पांच-5-2020

प्रेषक,

अमित मोहन प्रसाद

प्रमुख सचिव,

उ०प्र० शासन।

सेवामें,

1. जिलाधिकारी,

अमरोहा/सहारनपुर/गौतबुद्धनगर/ बरेली/बलरामपुर/मऊ/औरया/गोण्डा/उन्नाव।

2. मुख्य चिकित्साधिकारी,

अमरोहा/सहारनपुर/गौतबुद्धनगर/बरेली/बलरामपुर/मऊ/औरया/गोण्डा/उन्नाव।

चिकित्सा अनुभाग-5

लखनऊ: दिनांक: 21 अप्रैल, 2020

विषय:-भारत सरकार द्वारा कोविड-19 संक्रमित रोगियों एवं उनके सम्पर्कों के सीरोसरवेलेन्स अध्ययन (Sero Surveillance Study) हेतु भेजे गये दल के साथ समन्वय स्थापित किये जाने के सम्बन्ध में।

महोदय,

उपर्युक्त विषयक सचिव, भारत सरकार, स्वास्थ्य एवं परिवार कल्याण मंत्रालय तथा महानिदेशक, आई०सी०एम०आर०, नई दिल्ली के अर्द्ध शा० पत्र संख्या-हेड/ईसीडी/मिस/कोविड-19/2020 दिनांक 19.04.2020 (प्रति संलग्न) द्वारा अवगत कराया गया है कि प्रदेश के चिन्हित जनपदों यथा अमरोहा, सहारनपुर, गौतमबुद्ध नगर, बरेली, बलरामपुर, मऊ, औरैया, गोड एवं उन्नाव में कोविड-19 संक्रमण से सम्भावित क्षेत्रों में सीरो सरवेलेन्स अध्ययन किया जाना है उक्त अध्ययन हेतु आपके जनपद में आई०सी०एम०आर० का 10 सदस्यीय दल एक दिवसीय परीक्षण हेतु भ्रमण पर रहेगा। भ्रमण हेतु ग्रामीण एवं शहरी स्थलों का चिन्हांकन भारत सरकार द्वारा पूर्व किया जा चुका है।

2- इस संबंध में मुझे यह कहने का निदेश हुआ है कि भारत सरकार के दल को निर्बाध रूप से निम्नलिखित संसाधन यथासमय उपलब्ध कराने का कष्ट करें:-

क. सम्बन्धित अधिकारियों से समन्वय स्थापित कर परीक्षण हेतु रैपिड टेस्ट किट की शत प्रतिशत उपलब्धता सुनिश्चित की जाए।

ख. भ्रमण हेतु न्यूनतम 10 वाहन तथा प्रत्येक वाहन में सैनिटाईजेशन, साबुन, टिसू पेपर अल्कोहल बेस्ड हैण्डरब की व्यवस्था अवश्य कराया जाना। वाहन चालक की स्वच्छता फेसमास्क का भी ध्यान दिया जाए।

ग. सीरो सरवेलेन्स टीम द्वारा चयनित क्षेत्रों में डोर-टू-डोर सर्वे किये जाने में पूर्ण सहयोग प्रदान किया जाए।

घ. दल के ठहरने एवं खाने की समुचित व्यवस्था किया जाए।

ड. चिन्हित रोगियों एवं सम्पर्कों से सैम्पल लिए जाने हेतु उनकी उपलब्धता सुनिश्चित करायी जाए।

संलग्नक:यथोपरि।

भवदीय




(अमित मोहन प्रसाद)

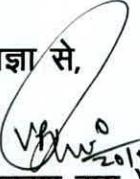
प्रमुख सचिव

संख्या-913(1)/पॉच-5-2020 तद्दिनांक

प्रतिलिपि: निम्नलिखित को सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषित।

1. महानिदेशक, चिकित्सा एवंस्वास्थ्य, उ०प्र०, लखनऊ।
2. महानिदेशक, परिवार कल्याण, उ०प्र०, लखनऊ।
3. निदेशक, संचारी रोग, उत्तर प्रदेश, लखनऊ।
4. निदेशक, चिकित्सा उपचार, उत्तर प्रदेश, लखनऊ।
5. सम्बन्धित अपर निदेशक, चिकित्सा स्वास्थ्य एवं परिवार कल्याण, उ०प्र०।
6. सम्बन्धित मुख्य चिकित्साधिकारी/मुख्य चिकित्सा अधीक्षक, उ०प्र०।
7. स्टेट सर्विलान्स अधिकारी, उत्तर प्रदेश।
8. गार्डफाइल।


20.04.2020
20/4/2020

आज्ञा से,

(वेद प्रकाश राय)
अनु सचिव
20/4/2020



सत्यमेव जयते

913 / ऑफिस - 5-2020



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प्रोफेसर (डा.) बलराम भार्गव, पदम श्री

एमडी, डीएम, एफआरसीपी (जी), एफआरसीपी (ई), एफएसीसी,
एफएएचए, एफएएमएस, एफएनएस, एफएएससी, एफएनए, डीएससी

सचिव, भारत सरकार

स्वास्थ्य अनुसंधान विभाग

स्वास्थ्य एवं परिवार कल्याण मंत्रालय एवं

महानिदेशक, आई सी एम आर

Prof. (Dr.) Balram Bhargava, Padma Shri

MD, DM, FRCP (Glasg.), FRCP (Edin.),
FACC, FAHA, FAMS, FNAsc, FASc, FNA, DSc

Secretary to the Government of India

Department of Health Research

Ministry of Health & Family Welfare &

Director-General, ICMR

भारतीय आयुर्विज्ञान अनुसंधान परिषद

स्वास्थ्य अनुसंधान विभाग

स्वास्थ्य एवं परिवार कल्याण मंत्रालय

भारत सरकार

वी. रामलिंगस्वामी भवन, अंसारी नगर

नई दिल्ली - 110 029

Indian Council of Medical Research

Department of Health Research

Ministry of Health & Family Welfare

Government of India

V. Ramalingaswami Bhawan, Ansari Nagar

New Delhi - 110 029

D.O. No. /Head/ECD/Misc/COVID-19/2020

Dated, the 19th April 2020

Dear colleagues,

As you are aware that till the time we find curative remedy against COVID-19; most effective containment strategy has been Lockdown. All of you have demonstrated highest level of commitment for ensuring best possible implementation of lockdown till now. However, considering the long-term implications, clear instructions have been shared earlier by Union Secretary HFW wide DO. No. Z-21020/16/2020-PH dated 15.04.2020. For further empowering the decision making at State and district level, National Task Force for COVID-19 and the Epidemiology Expert Group constituted by ICMR were entrusted to develop scientific protocol for population based national sero-prevalence of COVID-19. This will be complementary to herculean efforts of State and central disease surveillance and overall COVID-19 response.

Accordingly, our national expert group of epidemiologists has finalized the protocol for use at district level. Survey will be conducted in 82 districts in 25 states (list is placed at annexure I). This list of districts is not restrictive and can be followed by any other districts also, if desired; subject to availability of their own resources including the testing kits.

I personally request your kind attention and further guidance to respective District Collectors to lead this important time bound survey using Rapid Antibody Test kits. We expect support for survey for travel, local movement and transport for identified survey staff (ICMR staff, supervision and monitoring staff), police protection (as and when needed), PPE (gloves and surgical masks for staff), lancet and cotton swabs etc. and biomedical waste management facility, local assistance by health staff. Sample size per district is 400; and survey can be completed within a day with 10 teams in a district, if preparation is done beforehand. Mobile application developed for this purpose by NIC will be used for data entry by the teams conducting the survey and analytical support will be provided by ICMR. Summary of requirement for support from districts (annexure II), important nodal contact persons/designations (annexure III) and simple instructions (annexure IV) are attached along with the

detailed protocol (**annexure V**). Simple video will also be shared for demonstration of Rapid Antibody Testing for field staff. Also, a PPT for demonstration of the mobile application will be shared over email to all districts.

To facilitate quality implementation of survey kindly consider to engage all ICMR institutes, Community Medicine department of all Medical colleges, Public Health Institutes (**IIPH, IPH, IHMR, SCTIMST etc**) and WHO-SMOs / TB / NTD Consultants for assistance at district level for monitoring the survey.

I request you to personally review the progress in this important task with Health Department and District Collectors so that further decision making can be based on local community based scientific evidences.

With regards,

Yours sincerely,



(Balram Bhargava)

Chief Secretaries (all States)

Cc: for necessary action :

1. Principal Secretary, Health (all States / UTs)
2. MD, NHM (all States / UTs)
3. Dr Henk Bekedam, WHO Representative to India
4. Director, All ICMR Institutes
5. Dr Sanjay Zodpey, President, IAPSM
6. Head of Community Medicine (All Medical Colleges)

Cc: for information to :

1. Ms Preeti Sudan, Secretary (Health & F.W.), MoHFW, Nirman Bhavan, New Delhi
2. Shri Sanjeeva Kumar, Special Secretary (Health), Nirman Bhavan, New Delhi
3. Ms Vandana Gurnani, AS & MD (NHM), Nirman Bhavan, New Delhi
4. Shri Luv Agrawal, Joint Secretary, MoHFW, Nirman Bhavan, New Delhi
5. Shri Vikas Sheel, Joint Secretary, (TB, Policy), MoHFW, Nirman Bhavan, New Delhi

Sr No	State/UT	District	NIRT Survey team	Monitoring support Institute	Institute to receive kits from ICMR
46	NAGALAND	MON	--	State/District Health Admin	1000
47	ODISHA	RAYAGADA	OD	RMRI, Bhubaneshwar	1500
48	ODISHA	GANJAM	OD	RMRI, Bhubaneshwar	
49	ODISHA	KORAPUT	OD	RMRI, Bhubaneshwar	
50	PUNJAB	GURDASPUR	PB	STDC, Patiala	1500
51	PUNJAB	JALANDHAR	PB	STDC, Patiala	
52	HARYANA	KURUKSHETRA	PB	STDC, Patiala & STC Haryana	
53	RAJASTHAN	DAUSA	RJ	NIIR-NCD / DMRC, Jodhpur	2500
54	RAJASTHAN	JALORE	RJ	NIIR-NCD / DMRC, Jodhpur	
55	RAJASTHAN	RAISAMAND	RJ	NIIR-NCD / DMRC, Jodhpur	
56	RAJASTHAN	SIKAR	--	State/District Health Admin	2000
57	RAJASTHAN	UDAIPUR	--	State/District Health Admin	
58	TAMIL NADU	COIMBATORE	TN	NIRT, Chennai	
59	TAMIL NADU	TIRUVANNAMALAI	TN	NIRT, Chennai	1500
60	TAMIL NADU	VILUPPURAM	TN	NIRT, Chennai	
61	TAMIL NADU	CHENNAI	--	State/District Health Admin	
62	TELANGANA	JANGOAN	TS	NIN, Hyderbad & STDC Hydertabad	1500
63	TELANGANA	KAMAREDDY	TS	NIN, Hyderbad & STDC Hydertabad	
64	TELANGANA	NALGONDA	TS	NIN, Hyderbad & STDC Hydertabad	
65	UTTAR PRADESH	AMROHA	UP W	NICPR, Noida	1500
66	UTTAR PRADESH	SAHARANPUR	UP W	NICPR, Noida	
67	UTTAR PRADESH	GAUTAMI BUDDHA NAGAR	UP W	NICPR, Noida	
68	UTTAR PRADESH	BAREILLY	UP C	JALMA, Agra	1500
69	UTTAR PRADESH	BALRAMPUR	UP C	JALMA, Agra	

11

1
2
3
4
5

Sr No	State/UT	District	NIRT Survey team	Monitoring support Institute	Institute to receive kits from ICMR
70	UTTAR PRADESH	MAU	UP C	JALMA, Agra	
71	UTTAR PRADESH	AURAIYA	UP E	RMRC, Gorakhpur	
72	UTTAR PRADESH	GONDA	UP E	RMRC, Gorakhpur	1500
73	UTTAR PRADESH	UNNAO	UP E	RMRC, Gorakhpur	
74	UTTARAKHAND	PAURI GARHWAL	HP UK Jnk	JALMA, Agra	
75	JAMMU AND KASHMIR	PULWAMA	HP UK Jnk	JALMA, Agra	1500
76	HIMACHAL PRADESH	KULLU	HP UK Jnk	JALMA, Agra	
77	WEST BENGAL	Jhargram	WB	NICED, Kolkata	
78	WEST BENGAL	ALIPURDUAR	WB	NICED, Kolkata	
79	WEST BENGAL	BANKURA	WB	NICED, Kolkata	3500
80	WEST BENGAL	KOLKATA *	WB 2	NICED, Kolkata	
81	Delhi	West Delhi *	--	State/District Health Admin	500
					42000

* May modus operandi will be discussed with state before we proceed

Annexure II

Requirements for support needed at district level sero-survey for COVID-19

1] Human resource (per district):

- 10 survey teams (2 staff & 1 MO*); each team consisting of two health staff with one trained in phlebotomy - Nurse / ANM / FHW / MPHS / SI / MPW / STS / STLS / LT
- 5 district level supervisors: - 1 per 2 team including other district programme offices, community medicine faculty, ICMR scientists, WHO-SMO/TB/NTD consultants
- Standby local Police protection: - as and when required (SOS)

2] Survey materials

- Personal Protective Equipment (PPE)
 - Gloves (disposable, nitril/ vinyl) of appropriate size (20)
 - Surgical mask (N95 mask, Goggles/ face shield, Closed-toe shoes/ footwear with disposable shoe covers, Laboratory gown; if testing in hospitals) (50)
- Permanent marker (10)
- 70% alcohol cotton swabs, (500)
- Lancets (500)
- Rapid antibody test kits (with pipette/dropper, sample diluent buffer situation) (500)
- Dry cotton balls (500)
- Soap and water or Alcohol-based hand sanitizer
- GIF hard copies (as a back-up for Mobile app)
- Needle Destroyer (electric) (10)

3] Transportation (per district):

- 10 vehicles per day: One per each team for one day. If survey is not completed in one day (maximum two days)

SL No	State	Address	Nodal Officers	Phone Number	Email id
		Gate, Patiala Punjab 147001	2. Dr Jastej Kullar, STO Punjab	94174 94837	
5	Telangana	ICMR - National Institute of Nutrition, Beside Tarnaka Metro Station, Jamai-Osmania P O, Hyderabad, Telanagana 500007	Dr A Laxmiah, Scientist G	93951 13419	laxmiaha@ninindia.org , laxmanavula09@gmail.com
6	Chattisgarh	State TB Training and Demonstration Centre (STDC), District Hospital Campus, Near Krishi Mandi, Devendra Nagar, Pandri, Raipur, Chattisgarh 492004	Dr Vijay Shukla, STDC In Charge	94252 61711, 70009 89892	drvkshukla711@gmail.com drdas60@rediffmail.com (Dr Dasarathi Das)
7	Madhya Pradesh	ICMR - National Institute for Research in Tribal Health, Nagpur Road, Near NSCB Medical College, Dhanvantari Nagar, Shastri Nagar, Jabalpur, Madhya Pradesh 482 003	Dr Jyothi T Bhat, Scientist E	99263 15005	jbhat@nirth.res.in , bhatdr@gmail.com
8	Bihar	ICMR - Rajendra Memorial Institute of Medical Sciences, Agamkuan, Patna, Bihar 800007	Dr (Major) Madhukar, Scientist B	99340 64900	madhukarcaptpatna@yahoo.com
9	Andhra Pradesh	State TB Training and Demonstration Centre (STDC), TB and Chest Disease Campus, Chinna Waltair, Pedda Waltair, Visakhapatnam, Andhra Pradesh 530013	Dr Ravi, Microbiologist IRL	98665 30639	ntpsapstdc@gmail.com
10	Odisha	ICMR - Regional Medical Research Centre (RMRC), Chandrasekharapur, Bhubaneshwar, Odisha 751023	Dr Dasarathi Das, Scientist E	94379 20085	drddasrmrc@gmail.com drjyotirmayeeturuk@gmail.com (Dr Jyotirmayee Turuk)
11	West Bengal	ICMR - National Institute of Cholera and Enteric Diseases, P 33, CIT Road, Scheme XM, Belegkata, Kolkata, West Bengal 700010	Dr Alok Deb		adeb02@yahoo.com (Dr Alok Deb)

Annexure III

Important nodal persons / designations as Contact person

1] National level:

1. Coordination with ICMR Hq: Dr Manoj Murhekar, Director, NIE, ICMR (Mobile: 9444414663; email: mmurhekar@nieicmr.org.in; mmurhekar@gmail.com)
2. Coordination with ICMR Survey Teams / Technical issues: Dr Kiran Rade, NPO(TB) Epidemiologist, WHO India (email: drkiranrade@gmail.com; radek@who.int; Mobile: 9810704609)
3. Movement and reporting by ICMR survey teams to District Collector: Dr Sriram Selvaraju, Scientist D, NIRT, Chennai / ICMR Email: sriram.s@nirt.in; Mobile: 9600479021)
4. Random selection of 10 clusters in each district, analysis: Dr Tarun Bhatnagar, Scientist E, NIE/ ICMR (email: tarunbhatnagar@nie.gov.in; Mob:9962180594)
5. For mobile application – NIC/Hq Mr Sunil Bhushan, (DDG) (Backend)
6. For mobile application (frontend) login / password - Dr Tarun Bhatnagar, Scientist E, NIE/ ICMR (Mob:9962180594) and Dr Harpreet Singh, Scientist ICMR (Hq) (Mob: 9999496965)

2] State level:

Nodal Officer for sero-survey to be nominated by respective States

Nodal officer from ICMR institutes/TBPS nodal officer are as below:

SL No	State	Address	Nodal Officers	Phone Number	Email id
1	Maharashtra	ICMR - National AIDS Research Institute, 73 'G' Block, MIDC, Bhosari, Pune 411026 PB No 1895	Dr Sampada Bangar, Scientist D	72189 17937, 77589 91085	sdhayarkar@gmail.com, sdhayarkar@nariindia.org
2	Gujarat	ICMR - National Institute of Occupational Health, Meghani Nagar, Ahmedabad, Gujarat 380016	Dr Rakesh Balachandr, Scientist D	95352 28260	balachandar.rakesh@gmail.com
3	Rajasthan	ICMR - Desert Medicine Research Centre, New Pali Road, Jodhpur, Rajasthan 342005	2. Dr Elantamilan D, Scientist C	87947 26173, 96005 64064	dentamilan@gmail.com
4	Punjab	State TB Training and Demonstration centre (STDC), TB Hospital, Lahori	1. Dr Vishal Chopra STDC Director	94635 89236	stopn@rntcp.org

Annexure IV

Important instructions - district level sero-survey for COVID-19

A] State level: Issue instructions to respective districts. If needed convert the instructions into local language

B] District level:

Task to be achieved: 400 adults to be tested by 10 team in 10 clusters (villages/wards) selected randomly maintaining rural : urban ratio.

Selecting 40 individuals in each cluster: 4 random points for each cluster
10 individuals from 10 households (one from household) for each random point (10x4)

Total sample in district 400 = 10 teams x 4 random points x 10 individuals

Which person from household to be selected:

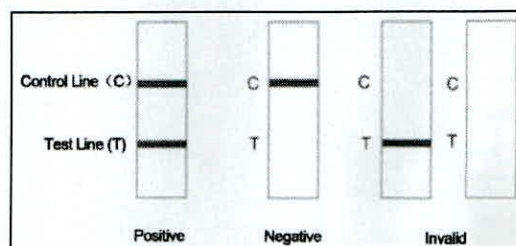
Number of Adult Women in Household	Number of Adults in the household			
	1	2	3	4 or more
0	Man	Youngest Man	Youngest Man	Oldest Man
1	Woman	Woman	Oldest Man	Woman
2		Oldest Woman	Man	Oldest Man
3			Youngest Woman	Man
4 or more				Oldest Woman

Test to be done: Rapid Antibody Test kit for COVID-19 using capillary blood with finger prick method using 10-20 μ L (2-4 drops) blood with results in around 15 minute

Temperature: to be maintained for kits - @ room temperature (2-30 $^{\circ}$ C)

RATI: All data to be recorded in mobile application - Rapid Antibody Test for India

Result of test:



Advice on test: This test is not diagnostic; it tells if there is already developed immunity against COVID-19

- **Invalid result:** Repeat Test
- **Positive result:** Consult doctor for interpretation
 - **If symptomatic** → Consider RT-PCT testing (Complete quarantine; if already in quarantine)
 - **If non-symptomatic** → Observe social distancing and cough etiquettes
- **Negative result:** Observe social distancing and cough etiquettes

SL No	State	Address	Nodal Officers	Phone Number	Email id
12	Assam	ICMR - Regional Medical Research Centre (RMRC), N.E Region (ICMR), PB No 105, Dibrugarh, Assam 786001	Dr Rekha Devi, Scientist E	94353 34900, 78382 18708	krekha75@yahoo.co.in
13	Jharkhand	State TB Cell (STC), State TB Office, 2nd Floor, Health Directorate, Namkum, Ranchi, Jharkhand 834010	Dr Amarendra Mohapatra, Scientist F	94376 94368, 79786 79124	amarmaha@gmail.com
14	Uttar Pradesh	ICMR - National JALMA Institute for Leprosy and Other Mycobacterial Diseases, Dr M Miyazaki Marg, Tajgang, Agra 282001	Dr Avi Kumar Bansal, Scientist D	90121 75175	bansalavikumar@gmail.com
15	Kerala	State TB Cell, Red Cross Road, General Hospital Junction, Thiruvananthapuram, Kerala 695035	Dr Sunil Kumar M, STO Kerala	94471 55334	stokl@rntcp.org
16	Tamil Nadu	ICMR - National Institute for Research in Tuberculosis (NIRT), NO 1 Mayor Sathyamoorthi Road, Chetpet, Chennai, Tamil Nadu 600031	Dr Sriram Selvaraju	96004 79021	selvarajushetp@gmail.com , sriram.s@nirt.res.in
17	Karnataka	NTI Bangalore	Dr Chethana		drc.rangaraju@gov.in
18	UP East	RMRC Gorakhpur	Dr Gaurav	98382 78864	grdnikhil@gmail.com
19	Delhi team	NICPR, Noida	Dr Smitha Asthana	98106 22149	smitasanjay97@yahoo.com Dr Alka (alka.turukicmr@gmail.com)

3] District level:

District Collectors to nominate nodal District level Officers & District Data entry Operator – to be communicated to health survey staff