



भारत सरकार
स्वास्थ्य एवं परिवार कल्याण मंत्रालय
निर्माण भवन, नई दिल्ली-110011

Government of India
Ministry of Health and Family Welfare
Nirman Bhavan, New Delhi - 110011

आरती आहुजा मा.प्र.से.

अपर सचिव

Arti Ahuja, IAS

Additional Secretary

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D .O No. Z-21020/1 6/2020 -PH

Dated the 12th April, 2021

Dear *Sir/Madam,*

As you are aware that the **Indian SARS-CoV-2 Genomics Consortium (INSACOG)** with ten regional genome sequencing laboratories (RGSLs) spread across the country has been constituted for viral genome sequencing and the State-wise indicative list of RGSLs has been communicated earlier. At present the State Surveillance Units (SSUs) under Integrated Disease Surveillance Programme (IDSP) coordinate the flow of samples from States to various RGSLs. The genome sequencing results are being sent to NCDC also for collation and integration.

Using the INSACOG network and the support from States/UTs, over 12000 samples have been sequenced till date and the results have been shared with the respective States/UTs. In order to continue deriving meaningful information from the Whole Genome Sequencing (WGS) exercise, a set of guidelines for the States/UTs have been formulated. The States/UTs may refer the same while sending the samples for WGS.

We look forward to your support in this.

With warm regards,

Yours sincerely,

Arti Ahuja
(Arti Ahuja)

To:- ACS/Principal Secretary (Health)/ MD (NHM) – All States/UTs

Guidelines for selecting the samples for WGS

Sentinel Surveillance

- Each state to identify 5 labs and 5 tertiary care health facilities as sentinel sites.
- Each site to send 15-samples every 15 days to designated lab for WGS.
- The samples from the aforesaid labs should be randomly selected.
- The samples from the tertiary care health facilities should include samples of patients with severe illness/prolonged admission, suspected re-infection, suspected vaccination failure/infection following vaccination, any other special case etc.
- Each sample to be sent for WGS should have a CT <30 and must be accompanied by a completely filled sample referral form (copy attached as ANNEXURE I and relevant SRF form).

Special Surveillance (to be undertaken in special case scenarios; after discussion with IDSP, NCDC)

- The objective of the special surveillance is to gather WGS information in the community by targeting events like clustering of covid cases, suspected super-spreader events, clustering of cases in institutions, suspected vaccine failure and re-infection clusters etc.
- The WGS information is to be epidemiologically correlated with the event under investigation.
- The concerned District Surveillance Officer (DSO) may send appropriate number of samples (after discussion with State Surveillance Officer and IDSP, NCDC and concerned lab) for WGS on a case-to-case basis.

Report sharing:

Considering the time for WGS, IDSP will be sharing the reports with the state Surveillance officer in around 10 to 12 days.



From

Director General Health Services,
Haryana, Panchkula.

To

The Incharges, Molecular Labs

1. PGIMS Rohtak.
2. BPS Khanpur Kalan, Sonipat.
3. ESI Medical College, Faridabad.
4. Kalpana Chawla Medical College, Karnal.
5. Maharaja Agresan Medical College, Agroha.
6. Civil Hospital, Panchkula.
7. Civil Hospital, Gurugram.
8. Civil Hospital, Sirsa.
9. Civil Hospital, Bhiwani.
10. Civil Hospital, Yamunanagar.

No. 32/3-IDSP-2021- 579-588

Dated: 22/4/2021

Subject: Regarding Sentinel Surveillance and Special Surveillance of Whole Genome Sequencing of SARS-CoV-2.

In reference to the subject cited above, as per D.O received from Additional Secretary, MoHFW, GOI (copy enclosed) wherein, it is mention that in order to continue deriving meaningful information from the Whole Genome Sequencing (WGS) exercise, a set of guidelines for the Sentinel and special surveillance have been formulated which are as under:-

Sentinel Surveillance

- Each site to send 15 samples every 15 days to designated lab for WGS.
- The samples from the aforesaid labs should be randomly selected.
- The samples from the tertiary care health facilities should include samples of patients with severe illness/prolonged admission, suspected re-infection, suspected vaccination failure/infection following vaccination, any other special case etc.
- Each sample to be sent for WGS should have a CT<30 and must be accompanied by a completely filled sample referral form.

Special Surveillance (to be undertaken in special case scenarios)

- The objective of the special surveillance is to gather WGS information in the community by targeting events like clustering of covid cases, suspected super-spreader events, clustering of cases in institutions, suspected vaccine failure and re-infection clusters etc.
- The WGS information is to be epidemiologically correlated with the event under investigation.
- The concerned District Surveillance Officer (DSO) may send appropriate number of samples (after discussion with State Surveillance Officer and IDSP, NCDC and concerned lab) for WGS on a case-to-case basis.



For this Sentinel Surveillance following Tertiary Health Care Facilities and RT-PCR labs are selected:-

Sr. No.	Tertiary Health Care Facility
1.	PGIMS Rohtak
2.	BPS Khanpur Kalan, Sonipat
3.	Kalpana Chawla Medical College, Karnal
4.	ESI Medical College, Faridabad
5.	MAMC Agroha
	RT-PCR Labs
6.	Panchkula
7.	Gurugram
8.	Sirsa
9.	Bhiwani
10.	Yamunanagar

This WGS sequencing sampling will be in addition to the existing 5% random sampling and international travelers genomic sequencing. So, you are requested to send 15 samples every 15 days to the IGIB lab under intimation to State IDSP Cell.

[Signature]
22/04/2021
for Director Health Services (IDSP),
Haryana, Panchkula.

No. 32/3-IDSP/2021- 589-593

Dated: 22/4/2021

A copy is forwarded to the Directors & COVID-19 Nodal Officers of Tertiary Health Care Institutes for kind information & request for implementation of guidelines, please:-

1. PGIMS Rohtak
2. BPS Khanpur Kalan, Sonipat
3. Kalpana Chawla Medical College, Karnal
4. ESI Medical College, Faridabad
5. Maharaja Agresan Medical College, Agroha, Hisar.

[Signature]
22/04/2021
for Director Health Services (IDSP),
Haryana, Panchkula.

No. 32/3-IDSP/2021- 594-613

Dated: 22/4/2021

A copy is forwarded to the following for information & implementation of guidelines, please:-

1. The Civil Surgeons,
Rohtak, Sonipat, Karnal, Faridabad, Hisar, Panchkula, Gurugram, Sirsa, Bhiwani, Yamunanagar.
2. The District Surveillance Officers,
Rohtak, Sonipat, Karnal, Faridabad, Hisar, Panchkula, Gurugram, Sirsa, Bhiwani, Yamunanagar.

[Signature]
22/04/2021
for Director Health Services (IDSP),
Haryana, Panchkula.




No. 32/3-IDSP/2021- 614-616

Dated: 22/4/2021

A copy is forwarded to the following for information, please:-

1. The Additional Secretary, MoHFW, GOI in compliance of D.O letter No.Z-21020/16/2020-PH dated 12.4.2021.
2. The Director, IGIB, New Delhi.
3. The Director, NCDC, New Delhi.

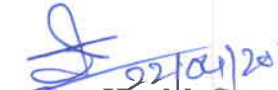
For  22/4/2021
Director Health Services (IDSP),
Haryana, Panchkula.

No. 32/3-IDSP/2021- 617-620

Dated: 22/4/2021

A copy is forwarded to the following for information, please:-

1. Additional Chief Secretary (Medical Education & Research), Haryana.
2. Additional Chief Secretary (Health), Haryana.
3. Mission Director, National Health Mission, Haryana.
4. The Director General Health Services, Haryana.

For  22/4/2021
Director Health Services (IDSP),
Haryana, Panchkula.