



Tribal Health <tribalhealth2021@gmail.com>

Minutes of PAC meeting held on 27.11.2024 at 9.30 AM held under the Chairpersonship of Additional Secretary, MoTA through VC mode from Conference Room, Shastri Bhawan.

1 message

Tribal Health <tribalhealth2021@gmail.com>

Mon, Dec 9, 2024 at 1:28 PM

To: prlsecytwpeshi@gmail.com, "K. Kanna Babu, I.A.S" <prlsecy_tw@ap.gov.in>, sectdd@gujarat.gov.in, tw-com-jhr@nic.in, secretary-welfare@jharkhandmail.gov.in, sec tribal <Sec.tribal@maharashtra.gov.in>, prlsecy_hmfw@ap.gov.in, sechfwd@gujarat.gov.in, cs-westbengal@nic.in, cs.cg@nic.in, coh@gujarat.gov.in, hlthdept.fdi@gmail.com, psec.pubhealth@maharashtra.gov.in, prasady@nic.in, dutt.guru72@gov.in, mdnhmap@ap.gov.in, peshichfw@gmail.com, md-nhm@gujarat.gov.in, mdnhm-jh@jharkhandmail.gov.in, mdnrhmjharkhand@gmail.com, mdnrhm09@gmail.com, mdnrhm.mumbai@gmail.com, cs@ap.gov.in, chiefsecretary@gujarat.gov.in, cs@maharashtra.gov.in, cs-jharkhand@nic.in, secretarytd@gmail.com, jstddwb65@gmail.com, Arjun Ramapadhran <arjunramapadhran@gmail.com>, ps-tribal@cg.gov.in, acshealth23@gmail.com, prin.secy.wbhealth@gmail.com, secy.hfw-wb@gov.in, mdnrhmcg@yahoo.co.in, dhs_ut@yahoo.co.in, mdnrhm@wbhealth.gov.in, secyhf@nic.in, mdnhmwb20@gmail.com, "director@aiimsdeoghar.edu.in" <director@aiimsdeoghar.edu.in>, it@aiimsdeoghar.edu.in, akgoel@aiimsraipur.edu.in, chaitanya kumar <ischaitanyakumar@gmail.com>, B M R <mallikarjunareddytw@gmail.com>, Sonia Mohan <dr.sonia.mohan@gmail.com>, guest@gmail.com, "ctd.cg" <ctd.cg@gov.in>, Vinita Sonawane Patil <vinitasunilpatil@gmail.com>, apctwd@gmail.com, machindra shelke <shelkemachindras3@gmail.com>, dean.health.surat@gmail.com, dpsharma.swd@gmail.com, Swapnil Lale <swsipn@gmail.com>, dmegoap@gmail.com, trigujarat@gmail.com, drjohnkennedy@gmail.com, rbpate042@gmail.com, ranwir@gmail.com, ratna sharma <ratnasharma27@gmail.com>, Dr Sunil Jondhale <drsukunil358@gmail.com>, Dr Tuphan Kanti Dolai <tkdolai75@gmail.com>, posubplanchfw@gmail.com, mmanglani@hotmail.com, it@aiimspatna.org, drvenkyitbp@gmail.com, madkaikarmanisha@mail.com, deputydirectorbmt@gmail.com, yepuru kameswara prasad <drykprasad@gmail.com>, kgshsuperintendent@gmail.com, Khushboo Singh <khush.kb.12@gmail.com>, apsbcsपो@gmail.com, saraswathi manda <saraswathimanda@gmail.com>, cssda.manager@gmail.com, ms.health.surat2@gmail.com, ds-estt-tdd@gujarat.gov.in, meenakshigirish@aiimsnagpur.edu.in, dugganaredra@gmail.com, bloodcellts@gmail.com, hematology.mum11@gmail.com, nidhigwalre@gmail.com, Niraj Kumari <nirajmgt@gmail.com>, vijay patel <vpatel851@gmail.com>, drsunjon@aiimsraipur.edu.in, samujwala.tcrtri@gmail.com, kiran dumbre <dumbre.kiran@gmail.com>, sachin.khandekar@nic.in, tritshyd@gmail.com, gour.ctd@gmail.com, ssogujarat@gmail.com, suvomyid@gmsil.com

Cc: js-ades@tribal.gov.in, js-mota@tribal.gov.in, cmd.nstfdd@gmail.com, prasady@nic.in, raji.padmakumar@nic.in, sushil.bading79@nic.in, r.mythili@gov.in, harshmangla@rediffmail.com, cbp@who.int, Ramesh Chand CHANDRAWAL <rcchanderwal.edu@nic.in>, "naureen.shahid@govcontractor.in" <naureen.shahid@govcontractor.in>, divya.devi@govcontractor.in, "navinkamble05@gmail.com" <navinkamble05@gmail.com>

Respected Sir/Madam,

Kindly find attached the minutes of the PAC meeting **regarding approval of proposal of Centre of Competence (CoC) on 27.11.2024 at 9.30 AM** held under the Chairpersonship of Additional Secretary, MoTA through VC mode from Conference Room, Shastri Bhawan.

O/o Tribal Health
Ministry of Tribal Affairs,
New Delhi- 01
Phone no. - 011-23367333



Approved PAC MoM 27.11.2024.pdf

6156K

F. No.75/1/2024-THC-(Part file) (Comp No. 28632)

Government of India
Ministry of Tribal Affairs

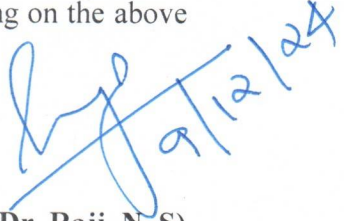
Jeevan Tara Building, New Delhi-110001

Dated:- 05.12.2024

Subject:- Minutes of the Project Approving Committee (PAC) meeting through VC mode held on 27.11.2024 at 9.30 AM under the Chairpersonship of Smt. R. Jaya Additional Secretary, Ministry of Tribal Affairs (MoTA) in Conference Room, Shastri Bhawan, New Delhi regarding approval of proposal of Centre of Competence (CoC).

The undersigned is directed to forward herewith the minutes of the meeting on the above subject mentioned above for kind information and appropriate action.

2. This has the approval of competent authority.


(Dr Raji. N. S)
Deputy Secretary

To,

List of PAC Members

1. Ms. R. Jaya, Additional Secretary, M/o Tribal Affairs
2. JS&FA, M/o Tribal Affairs
3. Principal Secretary, Secretary, Tribal Welfare Department of respective States Governments (as per list)
4. Secretary MoHFW
5. Secretary of State Health Departments of respective State Governments
6. Head of Medical Institutions concerned proposing CoC (for CoC proposals only)
7. Deputy Secretary, THC

Copy to :

1. Participants (as per list)

List of States for PAC Meeting:

1. Andhra Pradesh
2. Gujarat
3. Jharkhand
4. Maharashtra
5. Chhattisgarh
6. West Bengal

**Minutes of the Meeting on setting up of CoC under the DhartiAabaJanjatiya
Gram Utkarsh Abhiyan**

A project Approving Committee (PAC) meeting on CoC was scheduled under the Chairpersonship of Additional Secretary, Tribal Affairs on 27.11.2024 at 9.30 am through VC Mode from Conference Room, Shastri Bhawan

2. The proposals for the state of Andhra Pradesh, Chhattisgarh, Gujarat, Jharkhand and Maharashtra was placed before the PAC for consideration and approval.
3. The following proposals for setting up of CoCs in the following institutions were considered in the PAC

King George Hospital, Vishakhapatnam, Andhra Pradesh

The PAC considered and approved the proposal as follows:

a. Cost of Machinery / Equipment under Grants under CCA:

Equipment	Cost as per guidelines	Requested by the institution	Approval of PAC
Sanger sequencing Device	45,00,000 – 1,80,00,000	1,80,00,000	Approved
NGS device	3,00,00,000	3,00,00,000	Not approved (As per guidelines only NGS device can be funded only if the institution has a Sanger Sequencing Device)
DNA extraction equipment	4-10 lakhs	10 lakhs	Approved
Thermal cycler	3-6 lakhs	6 lakhs	Approved
Spectrophotometer	3.5- 5 lakhs	5 lakhs	Approved
Gel electrophoresis	2-5 lakhs	5 lakhs	Approved
HPLC for newborn screening	40 lakhs	40 lakhs	Approved
Isoelectric focusing for newborn screening	15 lakhs	15 lakhs	Approved
Hemoglobin HPLC variant	43 lakhs	43 lakhs	Approved
Capillary GI electrophoresis	37 lakhs	40 lakhs	Approved (Funds restricted to 37 lakhs)

Demand from the institution for machinery / equipment under Grants under CCA: Rs.6.32 Crores

Total cost Approved for machinery/equipment under Grants under CCA: Rs.3.32 Crores

b. Recurring cost under GIA component:

Equipment	Recurring cost per year as per guidelines	Proposed amount year 1	Proposed amount year 2	Approved amount Year 1	Approved amount Year 2
Sanger sequencer	4.95-19.8 lakhs	36 lakhs	40 lakhs	Approved amount 19.8 lakhs	Approved amount 19.8 lakhs
NGS Device	13.2 – 99 lakhs	50 lakhs	60 lakhs	Not approved (As per CoC guidelines, the recurrent cost only for equipment's purchased via CoC is eligible)	
DNA extraction equipment	46,800 – 1.17 lakhs	1.5 lakhs	1.75 lakhs	Approved amount 1.17 lakhs	Approved amount 1.17 lakhs
Thermal cycler	35,000 – 70,000	1 lakhs	1.2 lakhs	Approved amount 70,000	Approved amount 70,000
Spectrophotometer	38,000 – 55,000	65000	70000	Approved amount 55,000	Approved amount 55,000
Gel Electrophoresis	22,000 – 55,000	60000	70000	Approved amount 55,000	Approved amount 55,000

Demand from the institution under recurring cost: Rs.1.5554 crores.

Total recurring cost approved under GIA component: Limited to Rs.45.54 lakhs for a period of 2 years, subject to actual costs and further subject to the per cost limit for tests as prescribed under the technical guidelines of the MoHFW.

New Civil Hospital and Medical College, Surat, Gujarat

The state representative from Gujarat informed that they have all required HR except for clinical Haematologist who is a visiting faculty working as a private practitioner. They informed that 5,000 patient load is in their district. The sanctioned bed capacity bed of 1250.

The PAC approved the proposal and instructed the facility to ensure that the clinical haematologist is available in the hospital in the same manner as any other regular personnel.

Cost of Machinery / Equipment under Grants under CCA:

Equipment	Cost as per guidelines	Requested by the institution	Approval status
Sanger sequencing Device	45 lakhs – 1.80 Cr	1.6 Cr	Approved
NGS device	Upto Rs.3.0 Cr	2.5 Cr	Not approved (As per guidelines only NGS device can be funded only if the institution has a Sanger Sequencing Device)
DNA extraction equipment	4-10 lakhs	8 lakhs	Approved
Thermal cycler	3-6 lakhs	5 lakhs	Approved
Spectrophotometer	3.5- 5 lakhs	5 lakhs	Approved
Gel electrophoresis	2-5 lakhs	5 lakhs	Approved
HPLC for newborn screening	40 lakhs	40 lakhs	Approved
Iso-electric focusing for newborn screening	15 lakhs	15 lakhs	Approved
Hemoglobin HPLC variant	43 lakhs	43 lakhs	Approved
Capillary GI electrophoresis	37 lakhs	37 lakhs	Approved

Demand from the institution for machinery / equipment under Grants under CCA:Rs.5.68Crores

Total cost Approved for machinery/equipment under Grants under CCA: Rs.3.51 Crores.

b. Recurring cost under GIA component:

Equipment	Recurring cost per year as per guidelines	Proposed amount year 1	Proposed amount year 2	Approval status
Sanger sequencer	4.95-19.8 lakhs	12 lakhs	18 lakhs	Approved
NGS Device	13.2 – 99 lakhs	20 lakhs	25 lakhs	Not approved (As per CoC guidelines Sanger sequencer is considered)
DNA extraction equipment	46,800 – 1.17 lakhs	60000	1lakhs	Approved
Thermal cycler	35,000 – 70,000	50000	60000	Approved
Spectrophotometer	38,000 – 55,000	40000	45000	Approved
Gel Electrophoresis	22,000 – 55,000	30000	35000	Approved

Demand from the institution under recurring cost: Rs. 78.85 lakhs

Total recurring cost approved under GIA component: Restricted to Rs.34.2 lakhs for a period of 2 years, subject to actual costs and further subject to the per cost limit for tests as prescribed under the technical guidelines of the MoHFW.

The PAC considered the proposal from AIIMS Deogarh – Jharkhand and the proposal was approved as follows.

a. Cost of Machinery/Equipment under Grants under CCA:

Equipment	Cost as per guidelines	Requested by the institution	Approval status
Sanger Sequencing Device	45 lakhs -1.8 crores	1.80 crores	Approved
NGS Device*	Up to 3 crores	NA	NA
DNA Extraction equipment	4-10 lakhs	5 lakhs	Approved
Thermal Cycler	3-6 lakhs	6 lakhs	Approved
Spectrophotometer	3.5-5 lakhs	4.5 lakhs	Approved
Gel Electrophoresis	2-5 lakhs	4 Lakhs	Approved
Additional Equipments Per Haemoglobinopathy Guidelines			
Hemoglobin equipment for newborns screening by DBS	Up to 40 lakhs	60 lakhs	Approved Amount 55 lakhs (combined cost)
Isoelectric focusing for newborn screening	Up to 15 lakhs		
Hemoglobin HPLC variant system	Up to 43 lakhs	43 lakhs	Approved
Capillary Zone Electrophoresis	Up to 37 lakhs	37 lakhs	Approved
Point of care test HPLC and Biomarkers	Nil	15,00,000	Not approved (No such item in the guideline)
HPLC	Nil	20,00,000	Not approved (No such item in the guideline)
ID – NAT (Sample Mixer + Nucleic acid amplifier)	Nil	2, 50,00,000	Not approved (No such item in the guideline)
RFID reader, labels, tags	Nil	1,20,00,000	Not approved (No such item in the guideline)
Bar code Printer	Nil	64,000	Not approved (No such item in the guideline)
ABD pads	Nil	50,00,000	Not approved (No such item in the guideline)
PCR Hood	Nil	19,50,000	Not approved (No such item in the guideline)
Nuclease free water purification system	Nil	18,00,000	Not approved (No such item in the guideline)

Qubit for nucleic acid quantification	Nil	5,00,000	Not approved (No such item in the guideline)
Micro centrifuge	Nil	24,000	Not approved (No such item in the guideline)
Vortex Mixture	Nil	30,000	Not approved (No such item in the guideline)
Deep freezer	Nil	3,00,000	Not approved (No such item in the guideline)

Demand from the institution for machinery/equipment under Grants under CCA: Rs. 8.43 Crores

Total cost Approved for machinery/equipment under Grants under CCA: Rs. 3.34 Crores.

b. Recurring cost under GIA component:

Equipment	Recurring cost per year as per guidelines	Proposed amount year 1	Proposed amount year 2	Approval status
Sanger sequencer	4.95-19.8 lakhs	18 lakhs	18 lakhs	Approved
NGS device	13.2- 99 lakhs	Nil	Nil	NA
DNA extraction equipment	46,800 – 1.17 lakhs	1.1 lakh	1.1 lakh	Approved
Thermal cycler	35,000 – 70,000	65,000	65,000	Approved
Spectrophotometer	38,000 – 55,000	55,000	55,000	Approved
Gel Electrophoresis	22,000 – 55,000	50,000	55,000	Approved

Demand from the institution under recurring cost:Rs. 41.65 Lakhs

Total recurring cost approved under GIA component: Restricted to Rs.41.65 lakhs for a period of 2 years, subject to actual costs and further subject to the per cost limit for tests as prescribed under the technical guidelines of the MoHFW.

AIIMS, Nagpur-Maharashtra

The state representatives requested that the proposal for AIIMS Nagpur be considered in the first phase.

The PAC on scrutiny of the proposal found that the institution already has an NGS device and decided that the Sanger Sequencer shall not be approved. The proposal has been approved as follows.

a. Cost of Machinery/Equipment under Grants under CCA:

Equipment	Cost as per guidelines	Requested by the institution	Approval status
Sanger sequencing	45,00,000 –	1.8 crores	Not approved

Device	1,80,00,000		(Institution has an NGS device already)
NGS device	3,00,00,000	Nil	NA
DNA extraction equipment	4-10 lakhs	14 lakhs	Approved Amount 10 lakhs
Thermal cycler	3-6 lakhs	Nil	NA
Spectrophotometer	3.5- 5 lakhs	Nil	NA
Gel electrophoresis	2-5 lakhs	Nil	NA
HPLC for newborn screening	40 lakhs	40 lakhs	Approved
Isoelectric focusing for newborn screening	15 lakhs	15 lakhs	Approved
Hemoglobin HPLC variant	43 lakhs	Nil	NA
Capillary electrophoresis	37 lakhs	Nil	NA
Minus 80 refrigerators	Nil	7 lakhs	Not approved
TAPE Station	Nil	25 lakhs	Not approved
Clinimac cell separator	2.5cr – 3cr	2.8cr	Not approved

Demand from the institution for machinery/equipment under Grants under CCA: 5.61 Crores

Total cost Approved for machinery/equipment under Grants under CCA: 65 Lakhs

b. Recurring cost under GIA component:

Equipment	Recurring cost per year as per guidelines	Proposed amount year 1	Proposed amount year 2	Approval status
Sanger sequencer	4.95-19.8 lakhs	12 lakhs	19 lakhs	Approved
NGS Device	13.2 – 99 lakhs	Nil	6.8 lakhs	Approved
DNA extraction equipment	46,800 – 1.17 lakhs	3 lakhs	5 lakhs	Approved
Thermal cycler	35,000 – 70,000	1 lakh	1.5 lakhs	Approved
Spectrophotometer	38,000 – 55,000	50,000	50,000	Approved
Gel Electrophoresis	22,000 – 55,000	35,000	35,000	Approved

Demand from the institution under recurring cost: Rs.50 Lakhs

Total recurring cost approved under GIA component: Rs.50 lakhs for a period of 2 years, subject to actual costs and further subject to the per cost limit for tests as prescribed under the technical guidelines of the MoHFW.

AIIMS Raipur, Chhattisgarh

PAC had received the proposal from AIIMS Raipur, Chhattisgarh for the establishment of CoC. After scrutiny the proposal has been approved by the PAC as follows.

a Cost of Machinery/Equipment under Grants under CCA:

Equipment	Cost as per guidelines	Proposed amount	Approval status
Sanger Sequencing Device	45 lakhs -1.8 crores	90 lakhs	Approved
NGS Device*	Up to 3 crores	NA	NA
DNA Extraction equipment	4-10 lakhs	5 lakhs	Not Approved
Thermal Cycler	3-6 lakhs	6 lakhs	Not Approved
Spectrophotometer	3.5-5 lakhs	4.5 lakhs	Not Approved
Gel Electrophoresis	2-5 lakhs	4 Lakhs	Not Approved
Additional Equipment's Per Haemoglobinopathy Guidelines			
Hemoglobin equipment for newborns screening by DBS	Up to 40 lakhs	30 lakhs	Not Approved
Isoelectric focusing for newborn screening	Up to 15 lakhs	10	Not Approved
Hemoglobin HPLC variant system	Up to 43 lakhs	40 lakhs	Approved
Capillary Zone Electrophoresis	Up to 37 lakhs	37 lakhs	Approved

Demand from the institution for machinery/equipment under Grants under CCA: 2.265 crores.

Total cost Approved for machinery/equipment under Grants under CCA: 1.67 crores

b. Recurring cost under GIA component:

Equipment	Recurring cost per year as per guidelines	Requested by the institution year 1	Requested by the institution year 2	Approval status
Sanger sequencer	4.95-19.8 lakhs	15 lakhs	15 Lakhs	Approved
NGS Device	13.2 – 99 lakhs	Nil	Nil	NA
DNA extraction equipment	46,800 – 1.17 lakhs	1.1 lakhs	1.1 lakhs	Approved
Thermal cycler	35,000 – 70,000	50000	50000	Approved
Spectrophotometer	38,000 – 55,000	40000	40000	Approved
Gel Electrophoresis	22,000 – 55,000	30000	30000	Approved

Demand from the institution under recurring cost: Rs. 34.6 Lakhs

Approved Total recurring cost approved under GIA component: Restricted to Rs.34.6 Lakhs for a period of 2 years, subject to actual costs and further subject to the per cost limit as prescribed under the technical guidelines of the MoHFW

SUMMARY OF INSTITUTION-WISE DECISION

CoC proposal for the following States were approved:

SR. NO.	STATES	APPROVAL STATUS
1	Andhra Pradesh	Approved
2	Gujarat	Approved
3	Jharkhand	Approved
4	Maharashtra	Approved
5	Chhattisgarh	Approved

TOTAL COST

Sr. No.	States	Institution Name	Approved Budget
1	Andhra Pradesh	King George Hospital, Vishakhapatnam, Andhra Pradesh	Rs. 3.7754 Crores
2	Gujarat	New Civil Hospital and Medical College, Surat	Rs. 3.852 Crores
3	Jharkhand	AIIMS Deoghar	Rs. 3.7565 Crores
4	Maharashtra	AIIMS Nagpur	Rs. 1.15 crores
5	Chhattisgarh	AIIMS Raipur	Rs. 2.016 crores
	Total		Rs. 14.5499 Crores

Following general discussions/decisions were made in the PAC meeting:

1. On the question of whether recurring costs can be given only for the newly approved equipment and for the already existing equipment, also it was decided to sanction the recurring cost for all the equipment keeping in view that the CoC is to be treated as a unit and also the recurring cost would increase after two years for the institution. Hence, the recurring cost of Rs. 50 lakh was decided to be approved for 2 years based on actuals for all the institutions.

2. The PAC has decided that all proposals are approved on the conditionality that none of the essential posts needed for the functioning of CoC shall be kept vacant and if at all there is any vacancy due to an unavoidable circumstance, then the vacancy shall be filled within 60 days. Further, the personnel should be available during the hours that the regular specialists are available. In any case, no patient should be left untreated due to the lack of the specialists.

3. All institutions for whom the proposal is approved, shall furnish the layout plan for CoC to the MoTA before the funds are released.
4. All approved CoCs shall furnish the action plan for setting up of the facilities, community engagement plans and hub and spoke models plan with the district hospitals, CHCs and PHCs of the catering districts, within a month to MoTA.
5. The recurring cost norms shall be adhered to by all the facilities approved.
6. The CoCs should become functional within 120 days of this approval.
7. The entire component of required specialists as per the technical guidelines of MoHFW to be in place before release of funds. All conditions of sanction should also be fulfilled before the release of funds.
8. The institutions are informed that CoC is not a project, and the institutions are to cater to the tribal population through the CoC, post two-year period of funding by MoTA. The institutions also will act as the spokes of MoTA for tribal health related activities with the hubs being District Medical Centres.
9. States to submit Annual Action Plan to MoTA by 28.11.2024 without fail. Counseling of appropriate age group to be taken up actively by the CoCs and by the states to prevent inter-generational transmission of SCDs

List of Participants	
Name	Email Id
Ms. R. Jaya, Additional Secretary, MoTA	js-ades@tribal.gov.in
	js-mota@tribal.gov.in
Dr. Raji N S, Deputy Secretary, MoTA	raji.padmakumar@gov.in
Ms. R. Mythili, Deputy Secretary, MoTA	r.mythili@gov.in
Dr. Pradeesh, National Officer, Public Health, WHO	cbp@who.int
Ms. Naureen Shahid, Consultant, MoTA	naureenshahid25@gmail.com
Ms. Divya Devi, Consultant, MoTA	divyadevijaba@gmail.com
Representatives from States	
AIIMS Deoghar	it@aiimsdeoghar.edu.in
AIIMS Raipur	akgoel@aiimsraipur.edu.in
AIIMS, Mangalagiri, Dr I S Chaitanya Kumar	ischaitanyakumar@gmail.com
Addl Dir, TW, AP- Mallikarjuna Reddy	mallikarjunareddytw@gmail.com
Blood Cell, NHM - Andhra Pradesh, Dr. Sonia	dr.sonia.mohan@gmail.com
CHs	guest@gmail.com
Chhattisgarh Tribal	ctd.cg@gov.in
DC TDD MH	vinitasunilpatil@gmail.com
DIRECTOR-TW AP	apctwd@gmail.com
DS TDD	shelkemachindras3@gmail.com
Deangmcs	dean.health.surat@gmail.com
Dhiranjan Sharma	dpsharma.swd@gmail.com
Director health Maharashtra	swsipn@gmail.com
Director of Medical Education - Joint Director Medical, AP	dmegoap@gmail.com
Director trigujarat	trigujarat@gmail.com
Dr John F Kennedy, Gujarat	drjohnkennedy@gmail.com
Dr R B Patel, NHM, Health Gujarat	rbpatel042@gmail.com
Dr Ranwir Sinha	ranwir@gmail.com

Dr Ratna Sharma, Mumbai	ratnasharma27@gmail.com
Dr Sunil Jondhale AIIMS Raipur	drsukunil358@gmail.com
Dr Tuphan Kanti Dolai, West Bengal	tkdolai75@gmail.com
Dr c Chaudhari	trigujarat@gmail.com
Dr. M. Ramesh Babu	posubplanchfw@gmail.com
Dr. Mamta Manglani	mmanglani@hotmail.com
Dr. Saurabh Varshney, ED, AIIMS DEOGHAR	it@aiimspatna.org
Dr. Venkatesh ITBP	drvenkyitbp@gmail.com
Dr.ManishaMadkaikar,ICMR-NIIH,Mmbai	madkaikarmanisha@mail.com
Dr.Santoshkhude	deputydirectorbmt@gmail.com
DrY Kameswara prasad	drykprasad@gmail.com
I S C Kumar	ischaitanyakumar@gmail.com
KGH Superintendent	kghsuperintendent@gmail.com
Khushboo Singh	khush.kb.12@gmail.com
Kiran	apsbcspo@gmail.com
M. Saraswathi, JD, TWD	saraswathimanda@gmail.com
MD-NHM CHHATTISGARH	cssda.manager@gmail.com
MS, New Civil Hospital, Surat	ms.health.surat2@gmail.com
Manish Shah, JS, Gujarat	ds-estt-tdd@gujarat.gov.in
Meenakshi Girish AIIMS Nagpur Chairperson Sick Cell Committee	meenakshigirish@aiimsnagpur.edu.in
NARENDRA KUMAR DUGGA	dugganaredra@gmail.com
NHM Telangana	bloodcellts@gmail.com
NHM, Maharashtra	hematology.mum11@gmail.com
Nidhi Gwalre	nidhigwalre@gmail.com
Niraj kumari	nirajmgt@gmail.com
Prof Tuphan Kanti Dolai	tkdolai75@gmail.com
SNO Gujarat	vpatel851@gmail.com
Sunil Jondhale	drsunjon@aiimsraipur.edu.in
TRi Telangana	samujwala.tcrtri@gmail.com
kirandumbre	dumbre.kiran@gmail.com

sachin.khandekar	sachin.khandekar@nic.in
samujwala	tritshyd@gmail.com
sanjay gaur	gour.ctd@gmail.com
snogujarat	ssogujarat@gmail.com
Sourav Nardhan	suvomyid@gmsil.com