



Promoting Health in India



# PROMOTING HEALTH IN INDIA

An initiative between Government of India and Government of Norway, the Norway India Partnership Initiative (NIPI) aims to innovate and scale up quality continuum of care for Maternal, Newborn and Child Health in India

**October-December 2020**

# OUR JOURNEY

The Norway India Partnership Initiative (NIPI) was established in 2006, based on an agreement between the Governments of Norway and India to make sustainable efforts to reduce Maternal, Newborn and Child Mortality in India. NIPI's aim is to provide strategic, catalytic and innovative support to India's National Health Mission (NHM) by testing scalable interventions in four high focus states of Bihar, Odisha, Madhya Pradesh and Rajasthan and UT of Jammu and Kashmir.

The first two phases of NIPI (2006-17) were highly successful and both the Governments of India and Norway agreed on the effective and positive outcomes of NIPI and the need to further continue this partnership. This led to signing of a Memorandum of Understanding (MOU) for Phase 3 between the Governments.

Phase 3 builds on the experience of Phase 1 & Phase 2. It will be scaled up in Aspirational districts of NIPI focus states and UTs and also establish an innovation hub. The best practices in maternal and newborn child health carried out under the National Health Mission and NIPI will be shared for global dissemination and learning.



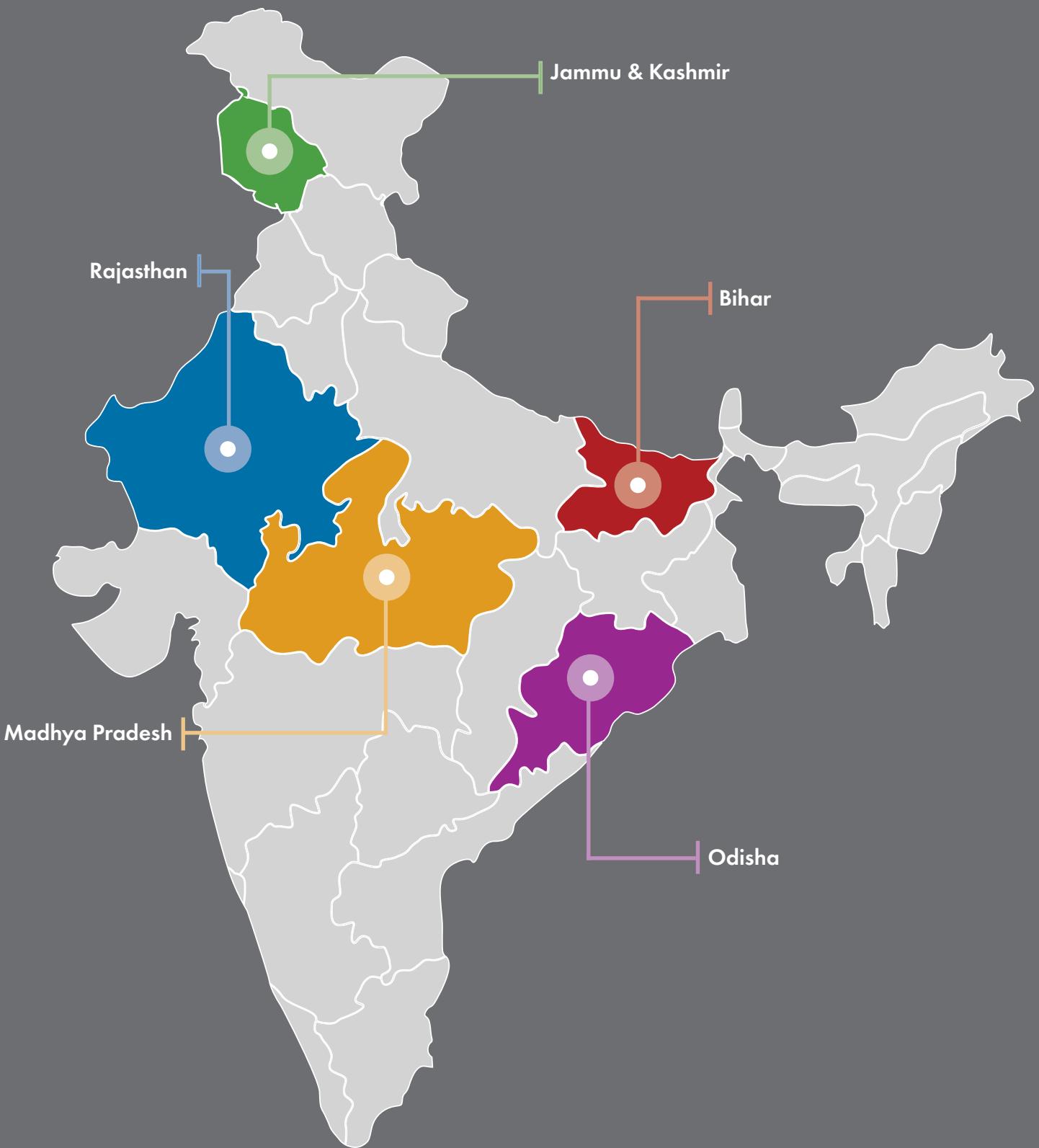


## NIPI & SDG 3: PROMOTING GOOD HEALTH & WELL-BEING

Ensuring healthy lives and promoting well-being at all ages is essential to sustainable development and building prosperous societies. This cooperation between India and Norway continues to align the efforts of the two countries for the achievement of National Health Policy (2017) and Sustainable Development Goals (SDGs).



# OUR PRESENCE



# NIPI-3 OBJECTIVES AND IMPLEMENTATION STRATEGY

Scale-up	Innovate	Document
<p>Strategic Technical Assistance (TA) for scaling-up demonstrated best practices in aspirational districts (ADs)</p> <ul style="list-style-type: none"> <li>» Home Based Care for Young Children (HBYC)</li> <li>» Family Participatory Care (FPC)</li> <li>» Strengthening Labour room practices (LaQshya)</li> <li>» Emergency triage assessment and treatment (ETAT)</li> <li>» MNCH harmonized capacity building initiative for country wide scale up</li> </ul>	<p>Strengthening Innovation Development Capacity in a public health system</p> <ul style="list-style-type: none"> <li>» Identify, test and scale successful MNCH solutions developed</li> <li>» Institutionalize innovation development capacity</li> <li>» Develop mechanisms and tools (Innovation Process Mapping)</li> <li>» Weaving Artificial Intelligence in public health to strengthen Quality provision of services</li> </ul>	<p>Document and disseminate best practices under NHM and NIPI</p> <ul style="list-style-type: none"> <li>» Document best practices in peer reviewed journals</li> <li>» Targeted publications for advocates and decision makers</li> <li>» Disseminate in Conferences, blogs and social media</li> </ul>



# GLIMPSE OF OUR KEY ACTIVITIES

## Strengthening maternal and child health services through QR code integration in ANMOL

To overcome the challenge of sub-optimal tracking of pregnant women throughout their pregnancy, the state of Odisha piloted incorporation of QR code in ANMOL application as well as the Mother and Child Protection (MCP) cards in October 2020.

This integration will aid in early and effective tracking of High-Risk Pregnancies with other benefits in Maternal and Child Health services while delivering services to those beneficiaries who migrate from their registered address to other service delivery points.

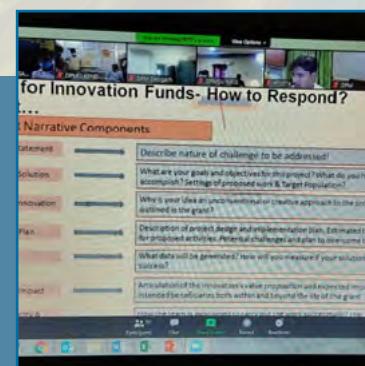
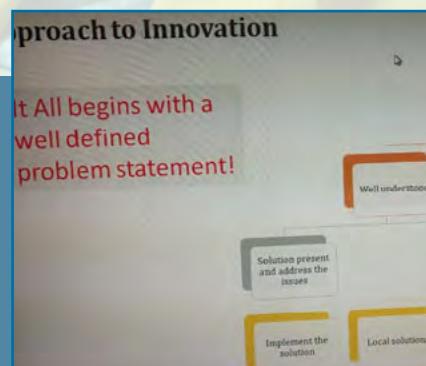
NIPI national and state teams observed the training of frontline workers on QR code integration to gain understanding of facilitators and barriers from perspective of users on 'ground zero'. NIPI team also sensitized the concerned district health officials on complete process of integration and institutionalization of QR code in ANMOL Application. [READ MORE](#)



## NHM Odisha and NIPI join hands to promote public health innovations

To foster public health innovation among district level health functionaries in keeping pace with the changing landscape of healthcare services, NIPI organized a webinar with support from National Health Mission (NHM) in the state of Odisha in November, 2020.

NIPI highlighted the importance of innovations in public health to keep pace with the changing healthcare landscape and the accompanied urgency for provision of quality services and explained the process of adopting novel approaches facilitating and augmenting innovations in public health space. [READ MORE](#)



# NIPI HAPPENINGS

## Launch of Navjaat Shishu Suraksha Karyakram (NSSK) Training Package

Hon'ble Union Minister of Health and Family Welfare, Dr. Harsh Vardhan launched "Navjaat Shishu Suraksha Karyakram (NSSK)" training flipchart and resource manual to commemorate National Newborn Week in November, 2020. The training material is envisaged to enhance the knowledge of healthcare workers on essential newborn care and the practical use of resuscitation. NIPI supported the development of the revised NSSK package with revised algorithm to assist healthcare providers in improving their clinical skills and contribute to newborn survival and health in the country. [READ MORE](#)



## Launch of Newborn Stabilization Units (NBSUs) Training Package

The health of children including newborns continues to be of highest priority for Government of India, which is committed to reducing Neonatal Mortality Rate to single digit by the year 2030. Hon'ble Union Minister of Health and Family Welfare Dr. Harsh Vardhan launched a training module on "Newborn Stabilization Units (NBSUs)" for optimal management of newborn care at First Referral Units (FRU) in November, 2020. NIPI is supporting the development of NBSU training packages to prepare and assist facilitators in conducting training program for service providers (doctors & nurses) involved in the care of sick newborns at the NBSUs. [READ MORE](#)

## Addressing Quality of Care through LaQshya Certification in Bihar

With the objective of improving quality of care around birth in Labour Rooms (LRs), Maternity Operation Theatres (OTs) and Obstetrics Intensive Care Units (ICUs) & High Dependency Units (HDUs), Ministry of Health & Family Welfare, Government of India has been implementing a quality certification program called LaQshya.

NIPI has conducted assessment of seven Government Medical Colleges in Bihar using LaQshya Assessment checklist for evaluating the quality of services provided in these facilities. The assessment focused on eight core areas of service provision, patient rights, inputs, support services, clinical services, infection control, quality management and outcomes. An assessment report was submitted to Bihar Government, addressing the gaps identified during the LaQshya assessment. [READ MORE](#)



## Quality Assessment of Trainings of Home Based Care For Young Child (HBYC)

With an aim to reduce child morbidity and mortality along with improvement of nutritional status and growth of young children, NIPI supported trainings for ASHA (Accredited Social Health Activists) facilitators and Auxiliary Nurse Midwife (ANMs) to build capacity of frontline workers on HBYC program in District Guna of Madhya Pradesh in November, 2020.

A total of 20 ASHAs participated in the training which was facilitated by three trainers. District Community Mobilizer under direct supervision of Chief Medical & Health Officer provided leadership and managerial support to the training.

NIPI is mandated to ensure quality assessment of trainings under HBYC. The state project team visited the training site. Being conducted as per the guidelines, ASHAs were found to be actively participating in the training. Gains in their knowledge was assessed from improvement in scores in post test compared with pre test. [READ MORE](#)



## State Health Society, Bihar and NIPI attempt to initiate innovations in Public Health System

The state of Bihar has been working to strengthen capacities of the districts stakeholders for writing the Annual Program Implementation Plans (PIPs) for the National Health Mission. One area in PIP warranting special attention is the scope for proposing innovative solutions by districts for priority program challenges and associated financial provisions.

To address this important concern, NIPI joined hands with the State Health Society, Bihar (SHSB) to build innovation capacity of key stakeholders from all districts in the state, on innovations in health sector.

A two-day orientation workshop was organized by the State Health Society Bihar (SHSB) in November, 2020 aimed at educating the district team members with the intricacies and importance of promoting public health innovations. With close to 100 participants, team NIPI presented the concept of innovations in public health and oriented the district stakeholders to proceed with provisioning of funds for innovations in the PIP.

[READ MORE](#)



## Intact survival of newborns through Continuous Positive Airway Pressure (CPAP) therapy

Child Health Division of National Health Mission, Rajasthan is committed to achieving neonatal mortality of 16 per 1000 Live births by the end of year 2025 as per National Health Policy 2017. NIPI is providing technical and programmatic support to the state for achieving this defined target.

To help build capacity of health care professionals working in the Special Newborn Care Units (SNCUs), a 2-day hands-on training for Continuous Positive Airway Pressure (CPAP) therapy of newborns was organized with NIPI's support in Jaipur in November, 2020. The training aimed at not only teaching the theoretical aspects of CPAP in newborn children but also providing participants with hands-on experience in operating the CPAP equipment.

This training led to capacity building of 32 participants (Doctors and Nurses) working in SNCUs of the 16 districts of the state. [READ MORE](#)



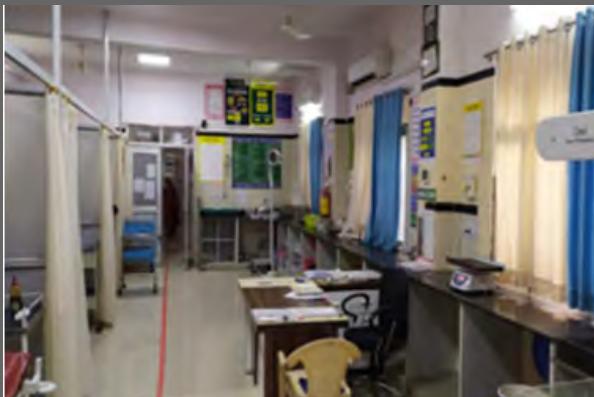
# A SNEAK PEEK INTO OUR EFFORTS!



Training of healthcare professionals on use of QR code



Flipchart presentation on feeding Infant and Young Child



LaQshya Certified Labour room of District Hospital, Sirohi

Monitoring the QR code implementation in field



# DOCUMENTATION AND DISSEMINATION OF NIPI SUPPORTED INNOVATIONS

## a. Accelerating Survival of New-borns: Neonatal Mortality Rate (NMR) Strategy document - for state of Bihar and Rajasthan:

NIPI is supporting State Governments of Bihar and Rajasthan in formulation of evidence based document for Neonatal Mortality Rate Reduction. The strategic document will guide in newborn care needs and provide strategic direction for accelerating newborn survival and achieving the National Policy target of 16 neonatal deaths per 1000

live births by 2025. These strategic documents will also provide guidance to all the stakeholders including policy makers, programme managers at the state, district and block level, as well as the development partners for aligning technical assistance in the concerned areas to support accelerating newborn survival activities in Bihar and Rajasthan.



## b. Strategic Document for Improving Maternal Survival in Madhya Pradesh:

NIPI is also supporting State Government of Madhya Pradesh in formulation of evidence based strategies for improving maternal survival in the state. The document reflects the status of maternal deaths, contributory causes, risk factors and major maternal child health interventions implemented in the state of Madhya Pradesh. The document also provides the evidence base for responding to healthcare needs and formulating specific strategic approaches for accelerating maternal survival and achieving SDG target of Maternal Mortality Ratio (MMR) 70 per 100,000 live births by the year 2030.

This document will serve as guiding note to all stakeholders including policy makers, programme managers at the state, district and block level, as well as the development partners for aligning technical assistance in the strategic areas to support accelerating maternal survival activities in the state.



## c. Publications in Peer Reviewed International Journals and Conferences:

NIPI has published five 5 scientific research articles in peer reviewed international Journals. Additionally, one research article has been accepted and four more research articles are in submission stage. A special issue of NIPI Research Articles will be published in Indian Paediatrics in March 2021. NIPI is providing technical support to State NHMs in developing abstracts for national and international conferences.

RESEARCH PAPER

**An Assessment of Implementation of Family Participatory Care in Special Newborn Care Units in Three States of India**

**Design:** Cross-sectional study.

**Setting:** Sixty-eight special newborn care units in the states of Bihar, Jharkhand, and Odisha.

**Participants:** 38 SHNCUs, doctors and nurses in-charge of the unit, and two eligible mothers per unit, one whose antenatal care was provided by the facility and one whose antenatal care was not admitted to special new-born care unit, having a stable weight gain above 1000 g.

**Interventions:** The states implemented FPC as per Government of India guidelines using National Health Mission funds across special newborn care units. This assessment involved analysis, observation and interviews of key providers.

**Results:** Out of 38 SHNCUs, we found that FPC sessions for mothers were happening in 26 (68%) facilities, SNCUs provided FPC sessions for mothers in 10 (26%) facilities, and FPC information sessions for the families (70%) nurses assisted mothers and fathers in feeding their babies. In 10 (26%) facilities, special new-born care units (SNCUs) do not survive till the age of one year after discharge [1].

**Conclusion:** The assessment of hospitals where FPC was implemented in special newborn care units shows that FPC was not fully implemented in all the facilities where it was expected to implement FPC in public health settings.

**Keywords:** Breastfeeding, Family participatory care, Neonatal weight gain, Special newborn care units, Quality improvement

DOI: 10.1016/j.ejphar.2020.06.022

**F**amily-centered care (FCC) is an approach to the planning, delivery, and evaluation of services that emphasizes the needs of children and families [1]. A recent Cochrane review reported the positive effect that FCC has on the adequacy of children's care, parental satisfaction, and cost [2]. FCC interventions have been shown to improve birth outcomes, reduce hospital admissions, improve well-being of preterm babies, improve breastfeeding rates, have better allocation of resources, and increase parent-infant bonding [3]. The evidence on very low birthweight (VLBW) babies is less robust, but there is evidence that FCC in better short term gains full enteral feeding, early hospital discharge, better neurobehavioral performance, lower weight gain [4]. In a recent study, it was found that hospital discharge can lead to less mobility and better clinical outcomes [5].

Preliminary results from tertiary care centers in India have shown that it is feasible to adopt FCC in a developing country setting [3]. However, it has been suggested that implementation in public health settings requires a different approach [6]. The specific contextual factors to its effective implementation need to be identified [7]. In India, facility-based newborn care has grown rapidly in the recent years. It is also reported that special newborn care units (SNCUs) and special care units (SCUs) do not survive till the age of one year after discharge [8]. Findings from these observations call for a strategy to ensure continuity of services beyond a facility-based setting. In addition, the Observatory of India adopted FCC in the Indian context as family participatory care (FPC) focusing on babies weighing more than 1500 g who do not require oxygen and 21 days [9].

The objective of the present study was to assess the FPC in selected units of SNCU in diverse public health facilities. The specific objectives included assessment with regard to providing regular counselling and

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JOURNAL OF INDIAN PEDIATRICS

Research Article Published in Journal of Indian Pediatrics

# STANDING TOGETHER AGAINST COVID-19!

The outbreak of the COVID-19 pandemic has challenged us with the emerging concerns of accessible and affordable healthcare services across the globe. The rapid spread of the virus negated all global and economic revival efforts. Health underpins social development and strengthens policies across all sectors and NIPI realised the importance of a multi-dimensional “out of box” approach is the need of the hour to address the pandemic.

Team NIPI has been consistently supporting the government, policymakers, innovators and the like-minded through measures that include but are not limited to policy preparedness, awareness generation; capacity building; technical expertise and advice on testing, tracking, treating, and responding to the pandemic to be able to mitigate the impact.





### Improving quality of birth care during COVID-19

To maintain quality of birth care in the state during the pandemic, Government of Rajasthan conducted virtual assessment of high load delivery healthcare facilities. To further this, District Hospital, Sirohi worked on bringing its quality of care at par with LaQshya standards during public health emergencies with separate COVID Labour room.

NIPI is providing technical and programmatic support to the facility and state stakeholders in the process of certification while supporting LaQshya assessments, mentoring and monitoring visits to various facilities and facilitated LaQshya certification process at the state level.

[READ MORE](#)



### Anti-Stigma & Discrimination and COVID Appropriate Behaviour (CAB) Campaign in response to COVID-19

Through National Anti-stigma and Discrimination Campaign, NIPI raised social awareness for combating stigma and creating a supportive environment while showing solidarity, encouragement and, support to all the frontline workers. The objectives of the campaign were to raise social awareness for combating stigma; creating an enabling environment for people with symptoms to seek help and go for testing for COVID-19; and show solidarity, encouragement and support to all healthcare workers and sanitation staff on COVID-19 line of duty.

### Development of Artificial Intelligence (AI) powered tool for COVID-19 suspect cases

In response to the current pandemic, an unexpected result of the partnership between NIPI and Wadhwani Institute of Artificial Intelligence, a nonprofit organization has been the development of a triaging tool for detecting COVID-19 suspect cases in Indian states. The AI powered tool is envisioned to utilize the data collected from suspected COVID-19 cases and integrate these responses with 'Arogya Setu' app for tracking and monitoring of potential Covid suspects.





## RAPID PREPAREDNESS & ASSESSMENT OF HEALTH CENTRES

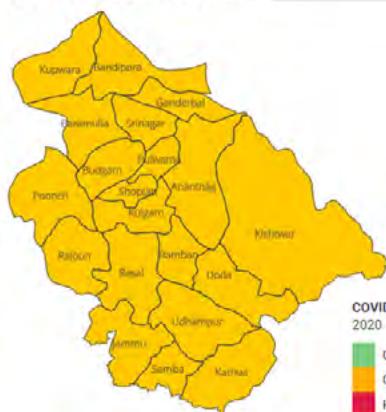
As part of ensuing readiness of the selected facilities to manage COVID-19 patients, Ministry of Health and Family Welfare, Government of India and State Health Societies of five NIPI focus states undertook a rapid exercise to assess preparedness of Dedicated COVID Hospital (DCH) and Dedicated COVID Health Centers (DCHCs).

The planned rapid assessments in the field were completed as per the MoHFW SOPs, guidelines and checklists. Field assessment reports were shared with MOHFW and the respective State Health Societies of five NIPI focus states to help plan and fill gaps highlighted by the assessments.

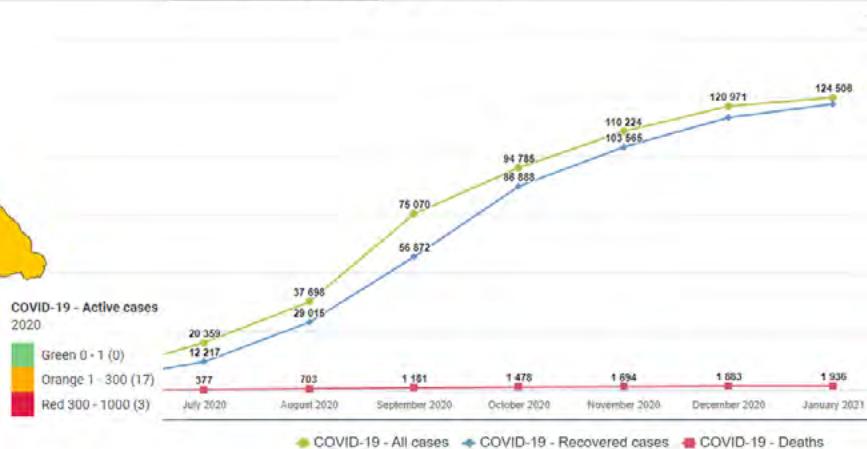
NIPI team was assigned to conduct the assessment of 33 DCHCs and 10 DCHs in its focus states. The team has also been selected by the Government of India to provide technical assistance to strengthen the preparedness of DCH and DCHCs.



**COVID-19 CASE MONITORING**



**COVID-19 INFECTION SUMMARY**



## DEVELOPMENT OF COVID-19 DASHBOARD

Government of India highlights the need to identify, utilise and implement digital opportunities to reach more people and have more effect.

NIPI in collaboration with Health Information Service Provider (HISP) India has created a COVID-19 dashboard for Jammu and Kashmir based on state's specific requirements in compliance with MoHFW reporting requirements.

### KEY FEATURES

- Real time information about confirmed, active, recovered cases, deaths, positivity rate, recovery rate, fatality rate, test per million at a single glance, geo-tagging and clustering of cases, health system preparedness, ICU availability and Isolation beds available to facilitate and generate appropriate and timely response, etc.,
- Real-time information on the various surveillance activities conducted by the state through Swasthya Nidhi App,
- Real-time information about users, its correlation with NCDC users etc. through Arogya Setu App.



## TECHNICAL & PROGRAMMATIC SUPPORT TO COVID-19 HEALTH CENTRE STAFF

NIPI conducted holistic set of activities to reduce the impact of the pandemic. Activities included assessment of hospitals and health care facilities, training healthcare staff on infection control practices and ensuring effective and streamlined contact tracing to control and reduce the infection risk.

### The key activities included:

- Validation of Case Investigation Form**
- Line listing and Death Reporting of Suspicious Deaths**
- Supporting WHO for compilation of Data record of COVID-19 Positive cases**
- Assessment of Facilities**
- Training of staff on Infection Control Practices**
- Ensuring Contact Tracing**

# SHOUT OUT TO THE CAB SQUAD!



*It is my duty to ensure that every mother and newborn in the MCH wing of our hospital is safe from COVID-19 infection. I ensure that I myself and my colleagues follow COVID Appropriate Behaviours (CAB)\_ Baby Kumari, Staff Nurse*



*Prashant Kumar and Gulab Paswan work as Security Guards at Nalanda Medical College & Hospital, Patna. They ensure that patients and their relatives visiting the hospital practise social distancing and wear face covers/masks properly.*



*Ranju Kumari, Staff Nurse, Immunization Center, Guru Govind Singh Hospital (Patna)*

*She has been ensuring the routine immunization services so that no child misses his/ her vaccination because of COVID-19*

***Ensuring continuity of child health despite pandemic!***

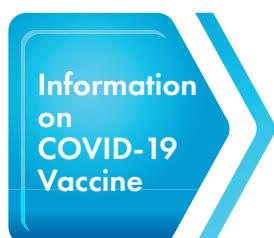
*While practising all COVID appropriate behaviours, Dr. Sajid Hussain, Medical Officer I/C, ensures that the ORS - Zinc corner at the Primary Health Centre at Sikandra, in Jamui, Bihar provides services during the regular IDCF Program*





# COVID-19 COMMUNICATION STRATEGY

NIPI, along with other development partners, is accelerating the digital media approach of the communications strategy following four key focus areas. The strategy aims to ensure authentic dissemination of information around vaccination in the country with the purpose of imbuing trust amongst people through transparent communication.





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## CONTACT US

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