



Continuing Strategic and Innovative Technical Assistance in Public Health in India



Norway India Partnership Initiative continues to Strategically and Innovatively Promote Public Health in India

The Norway India Partnership Initiative (NIPI), a strategic partnership in health has demonstrated success and delivered on its promise of providing catalytic and innovative support to the national and state governments/UT of Bihar, Madhya Pradesh, Odisha, Jammu & Kashmir and Rajasthan for improved maternal and child health.

NIPI continually seeks innovative ways to address intractable challenges in health; guided by this philosophy of defining the problem, co-creating and applying innovative solutions. NOREC and NIPI catalytic funding supported the Comprehensive Lactation Management Centre at Kalawati Saran Children's Hospital with provision of breastmilk analyzer which is helping in assessing the composition of breastmilk during various gestation ages.

As the digital environment around us keeps evolving and expanding with its impact in our own lives ever-growing, NIPI is prioritizing digitally embedded solutions to save more newborns, children, and mothers. NIPI successfully demonstrated value of Decision Support System for frontline health workers to approach care with assurance of evidence-based practices for improved health outcomes.

Also, with recent advances in technology, more specifically Virtual Reality (VR), NIPI is leveraging it to break new ground with its application to complement competency building of health providers. The VR training package developed by NIPI to accelerate the availability of competent providers at public health facilities saving many more newborns across the country. This was hugely appreciated by the visiting dignitaries who also expressed confidence in India's digital prowess.

During the period April to June 2022, NIPI provided technical assistance to various interventions of NHM, health system strengthening, developed strategic documents on Maternal, Newborn and Child Health



Promoting of breastfeeding and strengthening capabilities of National Lactation Management Centre

The importance of early and exclusive breastfeeding to improve the nutritional status and survival of a child cannot be overemphasized. A series of systematic reviews by WHO have proved its effectiveness in preventing infections, improving intelligence as well as improving long term health outcomes of mothers.

The Indian model of developing Comprehensive Lactation Management Centres at various levels in public health facilities has been recognized as one of the success stories of RMNCAH in the Southeast Asia Region by WHO in 2021.

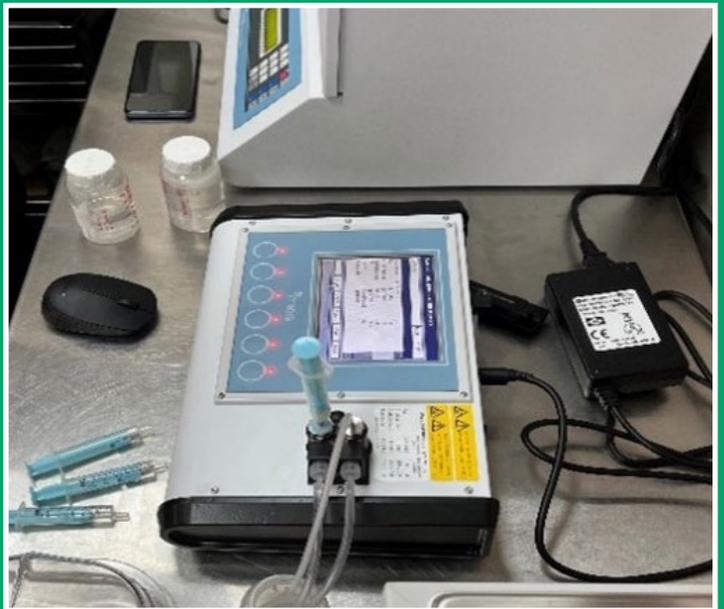
The National Comprehensive Lactation Management Centre was established at Kalawati Saran Children's Hospital in New Delhi in 2017 with funding from Government of Norway through Norec funding to Oslo University Hospital and catalytic funding support from Norway India Partnership Initiative.

This centre provides comprehensive lactation counselling and support beginning from the antenatal period to postnatal period, has facilities for expression of breastmilk while ensuring privacy and comfort of mothers, storage, pasteurization, and dispensation of milk for her own baby or donation.

To further augment support to the Human Milk Bank, on 16 March, Government of Norway strengthened the facility with the provision of breastmilk analyzer which helps in assessing the composition of breastmilk during various gestation ages and is a first for India and the region. The inauguration of the facility was

done by Director, Lady Harding Medical College (LHMC), Prof (Dr) Ram Chander in presence of Minister Counsellor and Deputy Chief of Mission, Royal Norwegian Embassy in New Delhi, Ms Martine Aamdal Bottheim. The inauguration was attended by Dr. Sushma Nangia, Director Professor & Head, Department of Neonatology, Lady Harding Medical College & Kalawati Saran Children's Hospital, Ms Kristin Schjøberg Head of Department, Department for Global Health, Oslo University Hospital HF and Dr Ashfaq Bhat Director NIPI besides other senior officials.

Director, LHMC thanked the Government of Norway and NIPI for the excellent work and also strengthening the Lactation Management Centre with Human Milk Bank Analyzer which will help understand the macronutrient content in Indian breastmilk for possible individual targeted fortification. The Deputy Chief of Mission highlighted the long-standing valued cooperation between Lady Harding Medical College, Oslo University Hospital and NIPI.





Integrating Digital Health Solutions for care of newborns

Glimpses from visit of high-level delegation from Ministry of Foreign Affairs, Government of Norway

Health continues to be one of the priority areas of the long-standing bilateral co-operation between the two countries. Norway India Partnership Initiative (NIPI), a bilateral health initiative between India and Norway is the textbook example of the bilateral co-operation. The innovative, catalytic and strategic work done at the national level supporting Ministry of Health & Family Welfare and in the states of Bihar, Rajasthan, Madhya Pradesh, Odisha and Union Territory of Jammu and Kashmir.

In order to witness the results of the Norway India Partnership Initiative, Mr Mattis Raustøl, Head of Section for South Asia, MFA Norway along with Ms. Marit M Strand, Counsellor, Head of Cooperation Climate, Energy, Health, Higher Education, Royal Norwegian Embassy in New Delhi visited the Kalawati Saran Children's Hospital in New Delhi on 27 April, 2022.

Mr Raustøl, and the delegates from Norway Embassy were briefed on the pioneering role played by the Neonatology Division of KSCH, in building capacity of the healthcare providers across the country, on quality newborn care and how NIPI has been supporting them in developing the newborn care training packages to be implemented across various levels of the public health system in India. The NIPI team also briefed him on the virtual reality based basic newborn care and resuscitation package, Navjaat Shishu Suraksha Karyakram (NSSK) training module for healthcare workers.

Recent advances in technology such as virtual reality provide opportunity to complement the way trainings in health are conducted. Here, the trainee puts on a headset and finds themselves in a virtual NSSK training room. The course covers section of the NSSK manual on the principle of essential newborn care and resuscitation following the golden minute rule. The training is designed allowing a trainee to access standardized content, learn by doing and be aware of own progress till all training objectives are achieved. The package was hugely appreciated by the visiting dignitaries, who also expressed confidence in India's digital prowess.

The delegation also visited the National Comprehensive Lactation Management Centre (CLMC) to understand the functioning of human milk banking services including the inauguration of the recent Human Milk Bank Analyzer being provided by the support from Norway. While visiting the facility and appreciating the services at the centre despite the obvious challenges of high patient load and paucity of space, Mr Raustøl also agreed that such centres are crucial in underscoring the importance of continuity of support to families and mothers on breastfeeding and improving health of newborns.



Ms. Marit M Strand, Counsellor and Head of Development Cooperation, Royal Norwegian Embassy in India visits NIPI National Office.



GLIMPSE OF OUR KEY ACTIVITIES



Strengthening Implementation of DSS Application in Bihar

The newly inducted cadre of health providers- Community Health Officer (CHO) are entrusted with delivery of health services in communities leading to strengthening of primary health care. The CHO positioned at a Health and Wellness Center (HWC) is expected to provide specific set of services including health promotion, leadership, play a pro-active role in supervising all community level program activities. A total of 1,009 CHOs are posted at HWCs in all districts of Bihar.

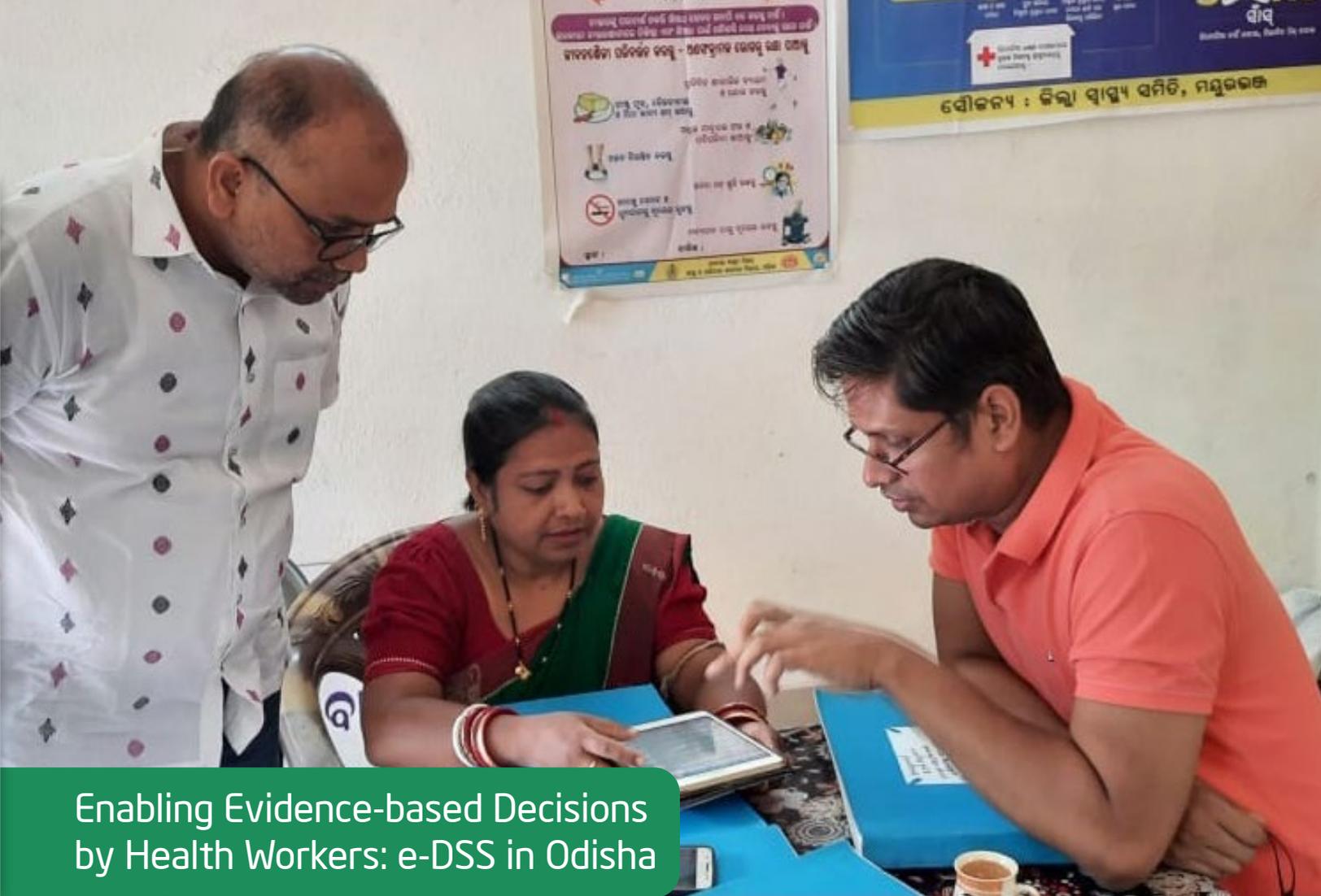
The State Health Society (SHS) Bihar with support from the Norway India Partnership Initiative (NIPI) piloted the Decision Support System (DSS)- a user-friendly and smart device-based application, in four blocks of Nalanda and Muzaffarpur districts. The integrated clinical rules in DSS based on IMNCI guidelines support a CHO in practicing evidence-based care and pre-referral management of clients at the HWC.

Beginning November 2021, 28 CHOs started using DSS application for management of children aged 0-5 years at HWCs. Regular mentoring visits and review meetings are being conducted with NIPI support to address implementation challenges improve the quality of data entry in the application in both districts.

[Read More](#)



NIPI has piloted a Decision Support System (DSS), a user friendly and smart device-based application which supports CHO in practicing evidence-based care and pre-referral management at a Health and Wellness Center.



Enabling Evidence-based Decisions by Health Workers: e-DSS in Odisha

Odisha aims to transform and operationalize 6,688 Sub Health Centres (SHCs) and 1,226 Primary Health Centres (PHCs) as Health and Wellness Centres (HWCs) under Ayushman Bharat HWCs by December 2022. These HWCs, staffed with Community Health Officer (CHO), are entrusted to provide a diverse set of health services under RMNCAH for pregnant women, children, and the adult population. The minimal public health experience of the newly recruited CHOs could present as a major challenge in achieving the desired quality of health services at the selected HWCs.

The National Health Mission (NHM) and department of Health & Family Welfare Odisha in collaboration with Norway India Partnership Initiative (NIPI) has developed a Decision Support System (e-DSS) on Child health, based the Child Health Module for CHOs approved by MoHFW, Govt of India, for CHOs. Government of Odisha has approved piloting of e-DSS in district Mayurbhanj using district innovation funds. Participants were given a live demonstration of the application using various health case scenarios and their management in the e-DSS application. With time, the state plans to integrate e-DSS with the e-Sanjeevani platform.

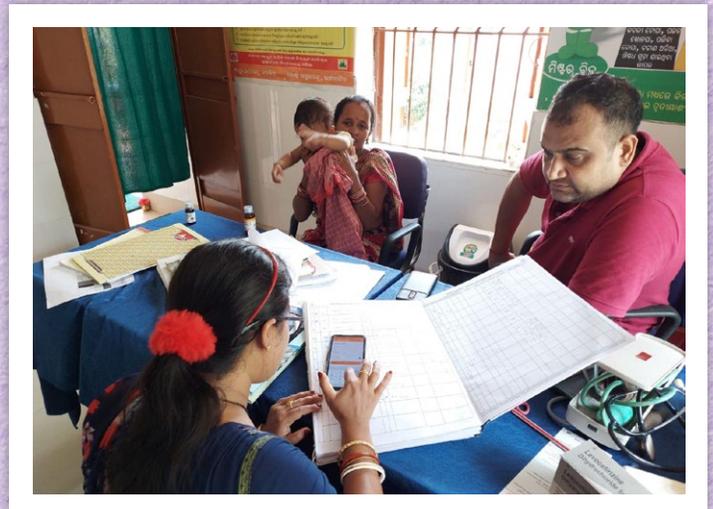
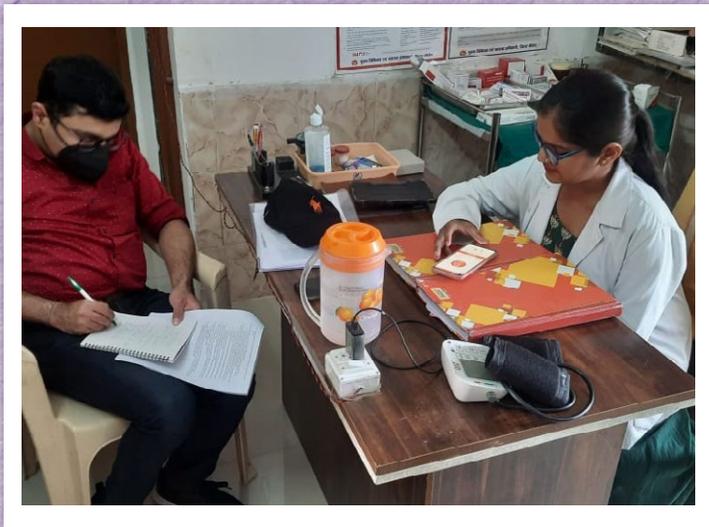
[Read More](#)



NIPI oriented Community Health Officers (CHOs) on various features and utilities in the e-DSS application along with building their capacity on data entry in the application.

Decision Support System for Health Workers

Evaluation of eDSS APP in two States of Odisha and Madhya Pradesh





Jammu & Kashmir Prepares to Further Decrease Newborn Deaths

The India Newborn Action Plan (INAP), shared at the 67th World Health Assembly, is India's committed response to advancing the Global Strategy for Women and Children's Health. INAP lays out a vision and a plan for India to end preventable newborn deaths, accelerate progress, and scale-up high impact yet cost-effective interventions. Several states have achieved their individual set targets including Jammu & Kashmir (J&K) but it is aiming beyond.

To achieve further, a district level action plan to reduce NMR as per INAP has been initiated and a meeting was convened to share and deliberate it. A detailed presentation on current scenario and strategies aligned with INAP developed with technical support from Norway India Partnership Initiative (NIPI) was shared with meeting participants.

The meeting was chaired by Additional Commissioner, Child and Adolescent Health, MoHFW and attended by various heads of departments from Government Medical Colleges, program managers, NHM as well as team members of UNICEF and NIPI.

[Read More](#)



NIPI made a detailed presentation on current scenario of Infant Mortality Rate (IMR) and strategies aligned with IMR roadmap develop to further reduces newborn deaths.



Accelerating Neonatal Survival in Rajasthan

The Government of Rajasthan is undertaking all efforts to reduce neonatal mortality as envisioned under the National Health Policy (NHP) 2017 and remains committed to contribute in achieving India's NMR target of 16 by 2025. As a state, Rajasthan has made substantial progress in reducing child mortality, with Under-five Mortality Rate (U5MR) reduced by nearly 50% (80 to 41), Infant Mortality Rate (IMR) by 44% (63 to 35) and Neonatal Mortality Rate (NMR) by 42% (43 to 25) from 2008 to 2019 but inter-district level variations in the rate of reduction for U5MR and NMR require innovative strategies to further reduce them.

The Government of Rajasthan with technical support from Norway India Partnership Initiative (NIPI) has developed the strategy document: "Accelerating Newborn Survival in Rajasthan (2022-2025)". Shri Parsadi Lal Meena, the Honourable Health Minister of Rajasthan, along with Secretary Medical Health & Family Welfare and Mission Director, National Health Mission (NHM) launched it during MEDIFEST 2022 by on 5th April 2022. The document highlights health system barriers and multiple strategies with high-impact, cost-effective interventions to address them to achieve the NHP 2017 target.

[Read More](#)



NIPI has developed the strategy document: "Accelerating Newborn Survival in Rajasthan (2022-2025)" which highlights health system barriers and multiple strategies with high-impact, cost-effective interventions to address them to achieve the National Health Policy (NHP) target.

Child Health

Assessment of Special Newborn Care Units (SNCU) in Jammu and Kashmir





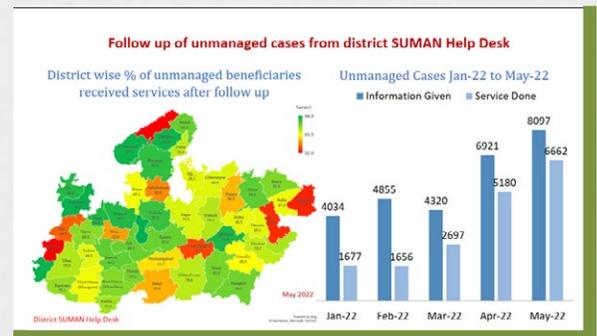
Integrated Command and Control Center (ICCC) for SUMAN in Madhya Pradesh

Madhya Pradesh stays committed to improving coverage and quality of maternal health services in the state by increasingly delivering evidence-based interventions through innovative mechanisms across all levels of health care.

As part of innovative initiatives by the state, the Hon'ble Chief Minister of Madhya Pradesh inaugurated an Integrated Command and Control Center (ICCC) for Surakshit Matritva Ashwasan Programme (SUMAN) on 27th March 2021. This initiative aims at actively monitoring of the assurance of quality of maternal and child health services at beneficiary level including: i) close tracking of identified High Risk Pregnant Women (HRPW) and High Risk Infants (HRI) ii) ensuring referral transport, iii) setting up 104 Grievance redressal mechanism for all MNCH services, iv) ensuring 100% reporting and follow-up of maternal and infant deaths.

Norway India Partnership Initiative (NIPI) is providing technical support to the state NHM and since its operationalization, SUMAN ICCC has led to improvements in tracking of HRPs and their management, in availability of logistics at VHNDs and quality of ANC services and assured pre-referral information to higher health facilities across the state.

[Read More](#)



NIPI is providing technical support to the state NHM, Madhya Pradesh for development of monitoring and tracking tools, training of ICCC and District SUMAN Help Desks (DSHD) tele-callers, in day-to-day monitoring of defined activities, data analysis and regular progress reviews.



Bihar Committed to Quality PMSMA to reach MMR Goal

India's Maternal Mortality Ratio (MMR) reduced from 113 to 103 and in Bihar's from 149 to 130 between 2016-18 & 2017-19. Despite these achievements more needs to be done in view of recent NFHS-5 findings which show that provision of quality ANC services remains an area of concern.

To address the gaps in Quality of care of pregnant women during ANC period, Government of India introduced the Pradhan Mantri Surakshit Matritva Abhiyan (PMSMA) initiative. Government of Bihar is committed to reducing MMR and regular monitoring and mentoring visits are planned by state with support of various partners on each PMSMA day. Norway India Partnership Initiative (NIPI) is providing strategic Technical Assistance (TA) to Maternal health cell in Bihar.

These scheduled visits have led to improvement in multiple aspects of PMSMA day by facility staff and district administration. A dedicated space for PMSMA services are setup within a dedicated area and 3 staff nurses under guidance of a gynecologist conduct antenatal checkup, high risk pregnancies are identified & enumerated for further tracking. ANC cards, safe motherhood booklets Iron Folic Acid (IFA) and calcium tablets and food packets are being provided to all.

Quality of services on PMSMA can be strengthened by engaging DQAC members in supportive supervision on 9th of each month and will go a long way in preventing thousands of maternal deaths.

[Read More](#)



NIPI is providing strategic Technical Assistance (TA) to Maternal Health Cell in Bihar to further reduce MMR by implementing Quality PMSMA at various healthcare facilities.

Integrating Command and Control Center (ICCC) and PMSMA





A step closer to achieving Zero diarrheal deaths with ORS & Zinc in Bihar

Childhood diarrhea continues to be a major killer, contributing to 10% of under-five deaths in the country. These childhood deaths from dehydration are preventable by timely use of ORS and Zinc with adequate nutritional intake during episodes of diarrhea and contribute in reducing U5MR mortality and help meet the target of 25 by year 2025 as per National Health Policy 2017.

Intensified Diarrhea control fortnight (IDCF) is organized at the community level with a goal of achieving “Zero Diarrheal Deaths”, the initiative focuses on a set of activities during the planned fortnight such as prepositioning of ORS at community level, intensification of advocacy and awareness generation, strengthening service provision for management of diarrhea cases and establishment of ORS and Zinc Corners across all health facilities.

On 13th June 2022, the National level IDCF campaign 2022 was launched under the leadership of Union Minister of State for Health and Family Welfare, Dr Bharati Pravin Pawar and senior officials of Ministry of Health & Family Welfare. The state of Bihar is organizing IDCF from 15-30th July, 2022 across the state. The Norway India Partnership Initiative (NIPI), a key partner of State Health Society (SHS) Bihar is supporting in the following activities under this initiative.

[Read More](#)

State Steering committee meeting on 9th May 2022



NIPI, a key partner of State Health Society (SHS) Bihar is supporting various activities under this initiative such as designing IEC materials as well as conducting state-level steering committee meetings & state-level orientation on IDCF for district level stakeholders.



Committing to make public health facilities as per IPHS compliant in Odisha

Improving quality of healthcare delivery continues to be a top priority for National Health Mission, Government of Odisha. To achieve and realize provision of quality services at public health facilities, the Government of Odisha aims to ensure it by making all its public health facilities compliant as per updated Indian Public Health Standards (IPHS)-2022. NHM, Odisha has set a target of ensuring at least 30% of its public health facilities to be IPHS compliant by end of March 2024.

Norway India Partnership Initiative (NIPI) is supporting NHM in the assessment, planning, execution and documentation of the complete project cycle. A mobile based assessment tool using ODK platform has been developed for assessing the availability of infrastructure and services in the health facilities against the IPHS norms.

Once the data collection from all the health facilities is completed, data will be analyzed to identify gaps as per the IPHS standards. The findings of the assessment will be shared with state NHM to take appropriate actions to address the identified gaps on priority to establish and deliver health services with quality.

[Read More](#)



NIPI is supporting NHM, Odisha in assessing & planning as well as execution and documentation of the complete project cycle of Public Health Standards through a mobile-based assessment tool using ODK platform.

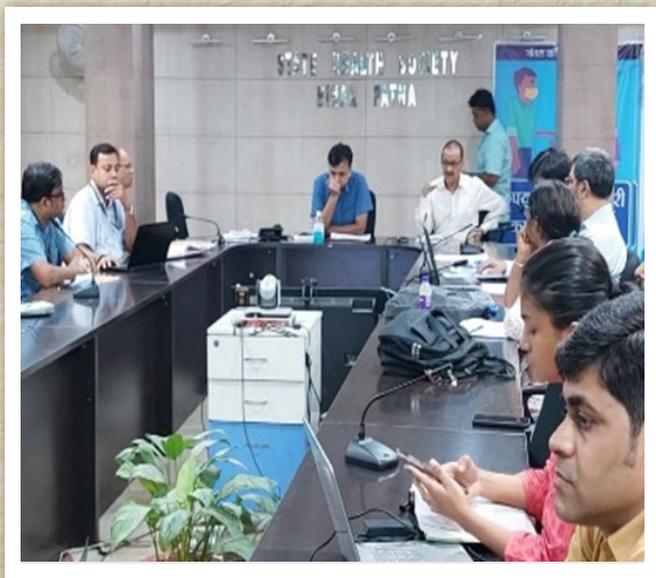
Intensified Diarrhoea Control Fortnight (IDCF)

बच्चे को दस्त? करें इसका अंत।
दे ओ. आर. एस. का घोल और जिंक तुरंत।

- दस्त के दौरान ओ. आर. एस. साथ ही 14 दिनों तक जिंक हर रोज।
- दस्त के दौरान एवं दस्त के बाद मां का दूध, तरल पदार्थ एवं ऊपरी आहार देना जारी रखें।
- खाना बनाने एवं सिलाने से पहले और मल साफ करने के बाद साबुन से हाथ धोएं।

दस्त उपचार के लिए आशा या ए. एन. एम. वी.डी से मिलें

राज्य स्वास्थ्य समिति, बिहार
 परिवार कल्याण अण्ड, गैरगर्भ, पटना 800 014



सघन दस्त नियंत्रण पखवाड़ा

दिनांक: 13 से 30 जून 2022

दस्त होने पर अपने बच्चे को दें
दस्त के दौरान ओ. आर. एस. साथ ही
14 दिनों तक जिंक हर रोज

ओ. आर. एस. बनाने का तरीका और देने की मात्रा

घोल बनाने की विधि

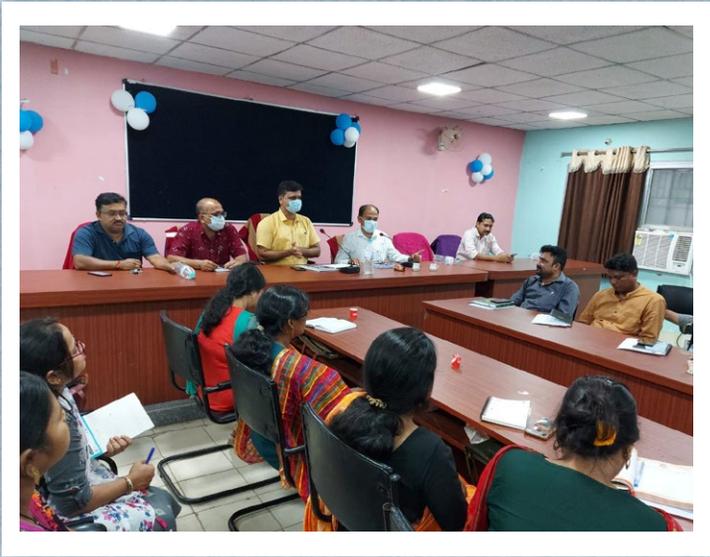
साबुन से अच्छी तरह हाथ धोएं

साफ बर्तन में 5 गीटर पीने का पानी डालें

ओ. आर. एस. घोल की मात्रा प्रत्येक पतली दस्त के बाद

- 2 माह से कम आयु के बच्चों को
- 2 माह से 2 वर्ष तक की बच्ची को
- 5 वर्ष से ओ. आर. एस. 14 दिनों तक 10 गीटर तक का पानी की 100
- 2 वर्ष से 5 वर्ष तक के बच्चे को

National Quality Assurance Standards



Home Based Care of Young Child (HBYC)

Technical Support to HBYC program



Reward & Recognition

NIPI Innovation - Decision Support System(DSS) for frontline workers has been awarded as the winner in the category of **Maternal and Neonatal Health** at the **5th Commonwealth Digital Health Awards 2022**.



5th Commonwealth Digital Health Awards



Winner



Unique Certificate ID



Ujin5auj8EWXLZBDPeaiVA

Check authenticity:

<https://awards.cwcdh.org/certificates/cwdha2022/>



This is to certify that

Decision support system

was

The Winner for the category of

Maternal and Neonatal Health



Prof Vajira HW Dissanayake
Chairman
Commonwealth Center for Digital Health

Prof James Batchelor
Chairman
Panel of Judges





A health 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

CONTACT US

Visit <https://www.nipi-cure.org/> for more updates

P: +91 11 40755900 | **F:** +91 11 24339534

F: <https://www.facebook.com/NorwayIndiaPartnershipInitiative/>

T: <https://twitter.com/nipicu>