

# Rota Talk NEWSLETTER



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## Rotavirus vaccine: Post Introduction Evaluation

The Post Introduction Evaluation (PIE) for Rotavirus vaccine was carried out between 21 and 29 March 2022. This PIE was done in 28 districts across 14 states. A team of more than 60 evaluators from 16 different partner organizations participated in this PIE. There were five questionnaires which were administered at different levels of the health system-national, state, district, sub district/block and sub centre. An exit interview with the mothers/caregivers was also conducted along with observation of immunization session sites and cold chain facilities. These questionnaires were scripted in a web based tool developed specifically for the RVV PIE. The entire data collection was digitized.



**Follow COVID appropriate behaviours everyday and help keep COVID-19 away**

- Wear Mask** (Illustration of a person wearing a face mask)
- Wash your hands frequently** (Illustration of hands being washed with soap bubbles)
- Maintain physical distance** (Illustration of two people standing 2 meters / 6 feet apart)
- Avoid crowded places** (Illustration of a group of people in a crowded setting)



RVV PIE Orientation Workshop: 21 March 2022

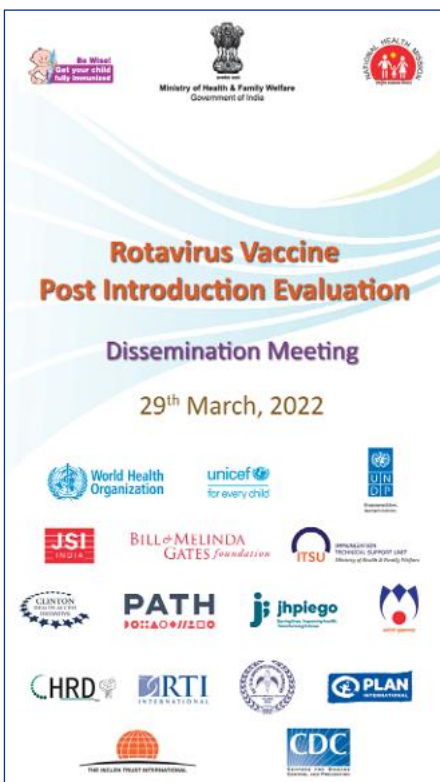


RVV PIE Dissemination Workshop: 29 March 2022

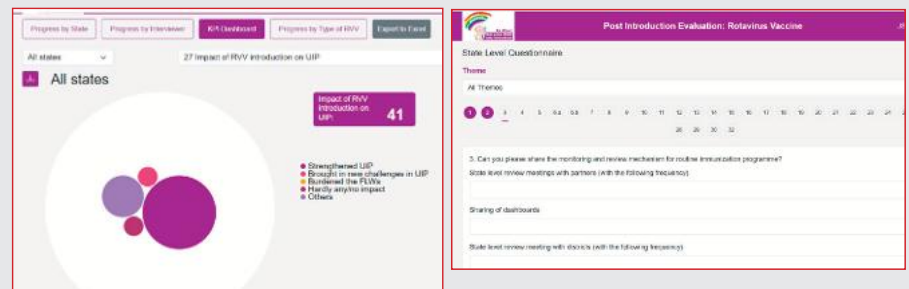
WHO recommends that after 6-12 months of any New Vaccine Introduction in a country, a Post Introduction Evaluation should be conducted in order to assess the impact of that vaccine introduction on the different components of the immunization system of the states and the country as a whole.

India completed the country wide expansion of RVV in September 2019. Due to the restrictions around the COVID pandemic, the RVV PIE had to be rescheduled to 2022.

The 14 states selected for PIE were Assam, Bihar, Delhi, Gujarat, Karnataka, Kerala, Madhya Pradesh, Maharashtra, Odisha, Punjab, Rajasthan, Tamil Nadu, Uttar Pradesh and West Bengal. In each of these 14 states, two districts were selected for evaluation. A full day Orientation of Evaluators was conducted on 21st March 2022 in New Delhi.



## PIE tool glimpse



# Glimpses of RVV PIE

RVV PIE







## SAPTDHARA – A method of mass communication

Innovation



An important component of the Universal Immunization Programme is demand generation in the community to improve the uptake of RVV and all other vaccines given under the national immunization schedule. In rural areas the traditional media are often used for these demand generation activities. One such example is in the Ahmedabad district of Gujarat, where glove puppets are used as a communication tool to disseminate key immunization related messages to motivate the community to avail the vaccination and other health care services provided by the Government. These puppet shows are not only entertaining, but also keep the audience engaged and these facilitates effective delivery of the key messages. The activity is named as 'Saptdhara' and the group members who puppeteer

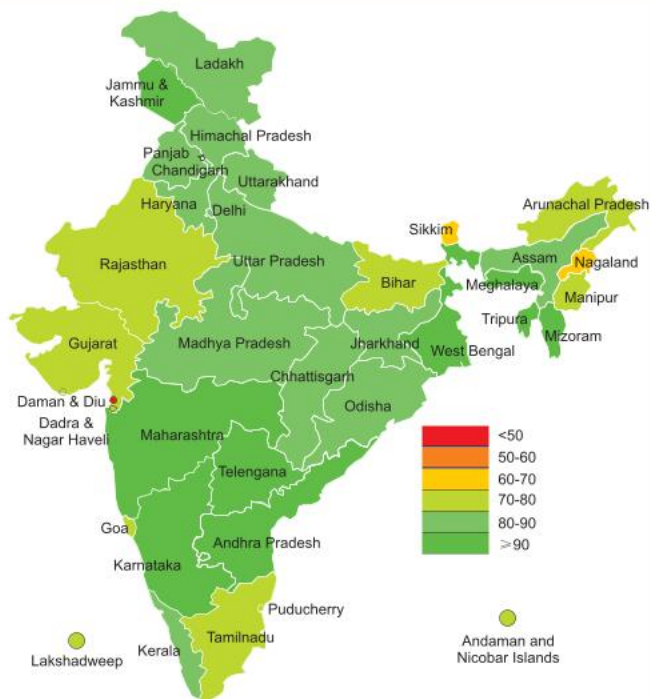
these are named as 'Saptdhara Sadhak'. The group includes Medical Officers, FHS, ANM, ASHA and MPHW. These groups, by the way of puppet shows, sensitise the community on different aspects of immunization – the different vaccines available in the UIP, diseases prevented by these vaccines, new vaccine introductions, session dates, sites, etc.

This innovative method of mass communication in Gujarat is supported and encouraged by the State. Dr. Jani, Additional Director (FW), Government of Gujarat, says: "Vaccines save millions of children's lives every year. This message about the effectiveness of vaccination needs to be understood by all, including

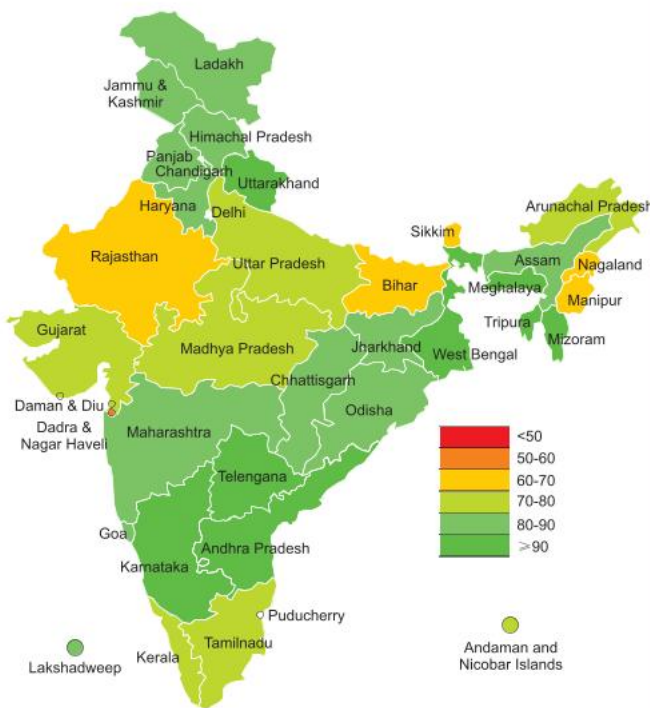


children. Therefore, we support innovative ways to reach parents and children. It is very important for parents to protect their children in their infancy before they are exposed to potentially life-threatening diseases".

## Rotavirus vaccine coverage dashboard RVV-1 dose (April 2021 to March 2022)



## RVV-3 dose (April 2021 to March 2022)



### Cumulative doses provided during April 2021 to March 2022

RVV 1	22.6 million
RVV 2	21.7 million
RVV 3	21.5 million

Source: Provisional data

### For details, please contact:

Plot No. 5&6, Local Shopping Complex, Nelson Mandela Marg (near Post Office)  
Vasant Kunj, New Delhi 110 070

Phone: +91 11 48680501  
Email: [rotavirus@jsiindia.com](mailto:rotavirus@jsiindia.com)

## Mind Power Game:

Please select correct characteristics of New RVV Liquid Vaccine and tick Right or Wrong in the provided boxes accordingly:

- ..Single dose presentation
- ..2.00.ml.per.dose per beneficiary
- ..To.be.kept.on conditioned icepack
- ..No.open.vial.policy.....
- Interchangeability between all kinds of Rotavirus vaccines.....
- ..2.50.ml.per.dose per beneficiary
- Tube presentation.....

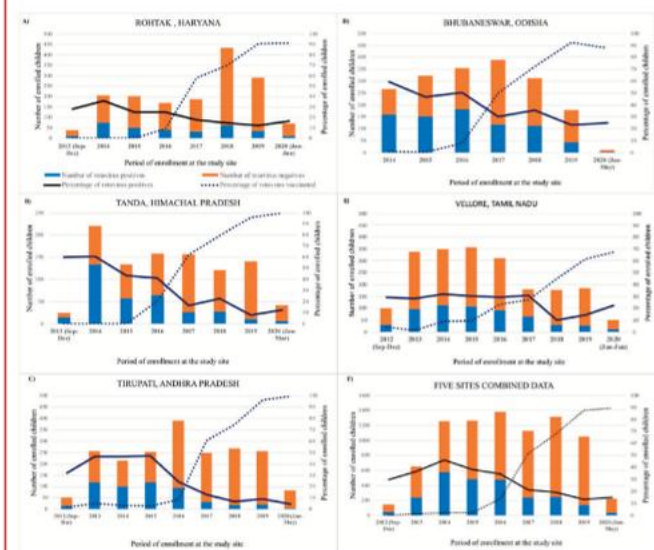
### For Answer

Please scan the QR code



## ROTA QUICK FACTS

- Hospital-based surveillance for acute gastro-enteritis was conducted in five sentinel sites from 2012 to 2020 to monitor the vaccine impact on various genotypes and the reduction in rotavirus positivity at each site.



### References:

- Varghese, T.; Alokith Khakha, S.; Giri, S.; Nair, N.P.; Badur, M.; Gathwala, G.; Chaudhury, S.; Kaushik, S.; Dash, M.; Mohakud, N.K.; et al. Rotavirus Strain Distribution before and after Introducing Rotavirus Vaccine in India. Pathogens 2021, 10, 416. <https://doi.org/10.3390/pathogens10040416>

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