



Universal immunization programme

UNIVERSAL IMMUNIZATION PROGRAM (UIP)

- Expanded program on Immunization was launched in 1978. It was renamed as Universal Immunization Program in 1985 When its reach was expended from Urban areas to all over the Country. In 1992, this program became the part of Child Survival and Safe Motherhood Program. Then further in year 1997 it became the part of National Reproductive and Child Health Program. In 2005, National Rural Health Mission was Launched.

OBJECTIVES:

- **Increase Coverage:** Rapidly expand immunization to all infants, children (under 5), and pregnant women
- **Disease Prevention:** Protect against 12 major VPDs (Diphtheria, Pertussis, Tetanus, Polio, Measles, Rubella, Hepatitis B, Hib, Pneumococcal disease, Rotavirus diarrhea, Japanese Encephalitis)
- **Quality Improvement:** Enhance service delivery, establish reliable cold chains, and monitor performance effectively
- **Surveillance & Monitoring:** Strengthen systems for tracking VPDs and Adverse Events Following Immunization (AEFI).
- **Self-Sufficiency:** Achieve self-reliance in vaccine production
- **Disease Elimination:** Achieve specific elimination targets, like Measles-Rubella elimination, and sustain Polio and Maternal & Neonatal Tetanus (MNT) free status
- **Equity & Access:** Reduce barriers and ensure equitable access to immunization services for all, including vulnerable populations

Immunization Schedule

| Age | Vaccines given |
|-----------------|---|
| Birth | Bacillus Calmette-Guerin (BCG), Oral Polio Vaccine (OPV)-0 dose, Hepatitis B Birth Dose |
| 6 weeks | OPV-1, Pentavalent-1, Rotavirus Vaccine (RVV)-1, Fractional dose of Inactivated Polio Vaccine (fIPV)-1, Pneumococcal conjugate Vaccine (PCV)-1 |
| 10 weeks | OPV-2, Pentavalent-2, RVV-2 |
| 14 weeks | OPV-3, Pentavalent-3, fIPV-2, RVV-3, PCV-2 |
| 9-12 months | Measles and Rubella (MR)-1, JE-1, PCV- Booster |
| 16-24 months | MR-2, JE-2 , diphtheria, Pertussis and Tetanus (DPT)- Booster-1, OPV-Booster |
| 5-6 years | DPT-Booster-2 |
| 10 years | Tetanus and adult Diphtheria (Td) |
| 16 years | Td |
| Pregnant mother | Td-1, Td-2, or Td- Booster |

- **New Vaccines to be Introduced as per National Technical Advisory Group on Immunization (NTAGI) Recommendation**
 - **Injectable polio vaccine (IPV):** National Technical Advisory Group on Immunization (NTAGI) recommended injectable polio vaccine (IPV) Introduction as an additional dose along with 3rd dose of DPT in the entire country in the first quarter of 2016.
 - **Rotavirus vaccine:** NTAGI recommended the introduction of rotavirus vaccine in universal immunization program in a phased manner.
 - **Rubella vaccine** is to be introduced as MR vaccine replacing the measles containing vaccine first dose (MCV1) at months and second dose (MCV2) at 16– 24 months.

Mission Indradhanush

- It was launched in December, 2014 and aims at increasing the full Immunization coverage to children to 90% Focus was given to low Immunization pockets and hard to reach areas. Total 6 phases of Mission Indradhanush have been completed, covering 554 districts across the Country. This Program also covers pregnant women. Earlier the increase in full immunization coverage was 1% per year which has increased to 67% per year through the first two phases of Indradhanush have been conducted till August 2017.

THANK YOU