

National 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 & Rubella (MR)-1, JE-1* , PCV-Booster***
16-24 months	MR-2, JE-2*, Diphtheria, Pertussis & Tetanus (DPT)-Booster-1, OPV –Booster
5-6 years	DPT-Booster-2
10 years	Tetanus Toxoid (TT)/Tetanus & adult Diphtheria (Td)
16 years	TT/Td
Pregnant Mother	TT/Td1, 2 or TT/Td Booster**

1. * JE in 231 endemic districts
2. ** One dose if previously vaccinated within 3 years
3. *****Rotavirus vaccine** and **PCV** in selected states/districts as per details below:
 - Rotavirus: Andhra Pradesh, Assam, Haryana, Himachal Pradesh, Jharkhand, Madhya Pradesh, Odisha, Rajasthan, Tamil Nadu, Tripura & Uttar Pradesh.
 - PCV: Bihar, Himachal Pradesh, Madhya Pradesh, Uttar Pradesh (12 districts) & Rajasthan (9 districts).

National Immunization Schedule (NIS) for Infants, Children and Pregnant Women (Vaccine-wise)

Vaccine	When to give	Dose	Route	Site
For Pregnant Women				
Tetanus Toxoid (TT)/Tetanus & adult Diphtheria (Td)-1	Early in pregnancy	0.5 ml	Intra-muscular	Upper Arm
TT/Td-2	4 weeks after TT-1	0.5 ml	Intra-muscular	Upper Arm
TT/Td- Booster	If received 2 TT doses in a pregnancy within the last 3 years*	0.5 ml	Intra-muscular	Upper Arm
For Infants				
Bacillus Calmette Guerin (BCG)	At birth or as early as possible till one year of age	0.1ml (0.05ml until 1 month age)	Intra-dermal	Left Upper Arm
Hepatitis B - Birth dose	At birth or as early as possible within 24 hours	0.5 ml	Intra-muscular	Antero-lateral side of mid-thigh
Oral Polio Vaccine (OPV)-0	At birth or as early as possible within the first 15 days	2 drops	Oral	Oral
OPV 1, 2 & 3	At 6 weeks, 10 weeks & 14 weeks (OPV can be given till 5 years of age)	2 drops	Oral	Oral
Pentavalent 1, 2 & 3	At 6 weeks, 10 weeks & 14 weeks (can be given till one year of age)	0.5 ml	Intra-muscular	Antero-lateral side of mid-thigh
Pneumococcal Conjugate Vaccine(PCV)^	Two primary doses at 6 and 14 weeks followed by Booster dose at 9-12 months.	0.5 ml	Intra-muscular	Antero-lateral side of mid-thigh
Rotavirus (RVV)^	At 6 weeks, 10 weeks & 14 weeks (can be given till one year of age)	3	Oral	Oral
Inactivated Polio Vaccine (IPV)	Two fractional dose at 6 and 14 weeks of age	0.1 ml ID	Intra dermal two fractional dose	Intra-dermal: Right upper arm
Measles Rubella ^ (MR) 1st dose	9 completed months-12 months. (Measles can be given till 5 years of age)	0.5 ml	Sub-cutaneous	Right upper Arm
Japanese Encephalitis (JE) - 1**	9 completed months-12 months.	0.5 ml	Sub-cutaneous	Left upper Arm
Vitamin A (1st dose)	At 9 completed months with measles-Rubella	1 ml (1 lakh IU)	Oral	Oral
For Children				
Diphtheria, Pertussis &	16-24 months	0.5 ml	Intra-muscular	Antero-lateral side of mid-

Vaccine	When to give	Dose	Route	Site
Tetanus (DPT) booster-1				thigh
MR 2nd dose	16-24 months	0.5 ml	Sub-cutaneous	Right upper Arm
OPV Booster	16-24 months	2 drops	Oral	Oral
JE-2	16-24 months	0.5 ml	Sub-cutaneous	Left Upper Arm
Vitamin A*** (2nd to 9th dose)	16-18 months. Then one dose every 6 months up to the age of 5 years.	2 ml (2 lakh IU)	Oral	Oral
DPT Booster-2	5-6 years	0.5 ml.	Intra-muscular	Upper Arm
TT/Td	10 years & 16 years	0.5 ml	Intra-muscular	Upper Arm

*One dose if previously vaccinated within 3 years

**JE Vaccine is introduced in select endemic districts after the campaign.

*** The 2nd to 9th doses of Vitamin A can be administered to children 1-5 years old during biannual rounds, in collaboration with ICDS.

^Rotavirus vaccine and PCV in selected states/districts as per details below:

- Rotavirus: Andhra Pradesh, Assam, Haryana, Himachal Pradesh, Jharkhand, Madhya Pradesh, Odisha, Rajasthan, Tamil Nadu, Tripura & Uttar Pradesh.
- PCV: Bihar, Himachal Pradesh, Madhya Pradesh, Uttar Pradesh (12 districts) & Rajasthan (9 districts).
