

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

| Vaccine | When to give | Dose | Route | Site |
|---------------------------------------|---|----------------------------------|----------------|----------------------------------|
| For Pregnant Women | | | | |
| TT-1 | Early in pregnancy | 0.5 ml | Intra-muscular | Upper Arm |
| TT-2 | 4 weeks after TT-1* | 0.5 ml | Intra-muscular | Upper Arm |
| TT- Booster | If received 2 TT doses in a pregnancy within the last 3 yrs* | 0.5 ml | Intra-muscular | Upper Arm |
| For Infants | | | | |
| 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**** | At birth or as early as possible within 24 hours | 0.5 ml | Intra-muscular | Antero-lateral side of mid-thigh |
| 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 | 2 drops | Oral | Oral |
| DPT1,2 & 3 | At 6 weeks, 10 weeks & 14 weeks | 0.5 ml | Intra-muscular | Antero-lateral side of mid thigh |
| Hepatitis B 1, 2 & 3**** | At 6 weeks, 10 weeks & 14 weeks | 0.5 ml | Intra-muscular | Antero-lateral side of mid-thigh |
| Measles | 9 completed months-12 months. (give up to 5 years if not received at 9-12 months age) | 0.5 ml | Sub-cutaneous | Right upper Arm |
| Vitamin A (1stdose) | At 9 months with measles | 1 ml (1 lakh IU) | Oral | Oral |
| For Children | | | | |
| DPT booster | 16-24 months | 0.5 ml | Intra-muscular | Antero-lateral side of mid-thigh |
| OPV Booster | 16-24 months | 2 drops | Oral | Oral |
| Japanese Encephalitis** | 16-24 months with DPT/OPV booster | 0.5 ml | Sub-cutaneous | Left Upper Arm |
| Vitamin A*** (2nd to 9th dose) | 16 months with DPT/OPV booster Then, one dose every 6 months up to the age of 5 years. | 2 ml (2 lakh IU) | Oral | Oral |
| DPT Booster | 5-6 years | 0.5 ml. | Intra-muscular | Upper Arm |
| TT | 10 years & 16 years | 0.5 ml | Intra-muscular | Upper Arm |

*Give TT-2 or Booster doses before 36 weeks of pregnancy. However, give these even if more than 36 weeks have passed. Give TT to a woman in labour, if she has not previously received TT.

** SA 14-14-2 Vaccine, 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.

**** In select states, districts and cities.

Proposed Changes in the National Immunization Schedule: 2009-10

- In select well-performing states, MR to be given with DPT Booster at 16-24 months (Dose: 0.5 ml; Route: Sub-cutaneous; Site: Right Upper Arm)
- DPT and HepB vaccines at 6, 10 and 14 weeks to be replaced by DPT-HepB-Hib (Pentavalent) vaccine.