



# **MAHATMA GANDHI INSTITUTE OF MEDICAL SCIENCES, SEVAGRAM**

## **Immunization Clinic Report**

### **MCH Clinic**

The Maternal and Child Health Clinic is functioning in the General OPD of Kasturba Hospital. Routine immunization is carried on 6 days of the week as per the National Immunization Schedule of Govt. of India under the Universal Immunization Programme in India. Vaccines are provided by the District Health System. Vaccine data is entered in electronic vaccine intelligence network (eVIN) app on daily basis.

Cold chain system is also located in the GOPD. Daily monitoring of ILR and Deep Freezer is done.

For quality control, personnel from the District Health System also visit the MCH clinic once in a month to monitor all the operations of routine immunization.

A meeting of the ANM nursing staff is conducted by Public Health Nurse every month. Sensitization on Hepatitis B vaccination was done once in a quarter. ANM and nursing staff are also trained by the District Health system when newer vaccines are introduced in routine immunization.

#### **Procedures to be followed before starting the immunization session in the OPD:**

- Monitor and record the temperature of ILR and Deep freezer and record it in the temperature log book.
- Take out the vaccines as per the estimated requirement for the day and keep it in the vaccine carrier to avoid opening the ILR repeatedly and breaking the cold chain. Do not forget to place conditioned ice packs in the vaccine carrier before placing the vaccines. Also check the VVMs of all the vials/ ampoules while taking out.
- Ensure the functioning of all the equipment such as needle cutter, weighing scale.
- Check for all the logistics – syringes, needles, cotton swab, NS, emergency tray etc.
- Note the batch number and expiry date of each vial before opening and record in the immunization register.

#### **Procedures to be followed during an immunization session in the OPD:**

- Greet the mother and other caregiver accompanying the child.
- Note the vaccines to be provided as per the advice of the doctor.
- Ask for the previous immunization records (MCP card or immunization card from private practitioner) and confirm whether the required interval from previous immunization is maintained.
- Record the age and weight of the child and plot on the weight for age growth chart of the MCP card. Explain the same to the mother and/or caregivers.
- Enquire about history of any adverse events after the previous immunization(s)

- Explain the mother regarding the vaccines and expected adverse events.
- Ask the mother to hold the child in appropriate position either on her lap or on the vaccination table and expose the site adequately.
- Provide the vaccines to the child as per the advice maintaining aseptic precautions and using single use disposable syringes. Ensure proper disposal of biomedical waste as per the existing guidelines of BMW management.
- If more than one vaccine is to be given start with oral vaccines followed by intradermal/subcutaneous followed by intradermal. Ensure not to give two different injectable vaccines at the same site in the same visit.
- Enter the records in the register.
- Ask the mother and/or caregivers to wait for 30 minutes post vaccination in the waiting area. If the child cries ask the mother to breastfeed the child.
- Observe the child after 30 minutes for any adverse events. In case of any adverse event, contact/refer to the consultant paediatrician.
- In case of no adverse events, explain the Do's and Dont's to the mother and/or caregiver. Inform them regarding the next date of vaccination and the vaccines to be provided during that visit.

**Procedures to be followed after an immunization session in the OPD:**

- Check for all the entries of vaccination for the day and ensure no entry has been missed.
- Ensure all remaining vaccines are kept back in the ILR at the appropriate place (only those vaccines on which Open vial policy is applicable). Check for VVM before keeping the vaccines back in the ILR.
- Discard all the Biomedical waste as per the guidelines.
- Enter the data for the day on the eVIN application.

During the year 2020-2021 following vaccination was carried:

**Immunization clinic:**

TT (ANC)	- 86
BCG	- 3330
OPV (0)	- 3272
Pentavalent Vaccine I	- 392
OPV I	- 388
Pentavalent Vaccine II	- 251
OPV II	- 251
Pentavalent Vaccine III	- 212
OPV III	- 214
DPT B (18 months)	- 41
OPV IV	- 93
DPT (B) (60 months)	- 74
TT at 10 years	- 13
TT at 16 years	- 02
IPV (I)	- 393
IPV (II)	- 210
Rotacil I)	- 93
Rotacil (II)	- 388
Rotacil (III)	- 213

MR vaccine (9 months)	- 35
MR vaccine (1.5 Year)	- 26
Hepatitis B (0 dose)	- 2719
Hepatitis B Vaccine (Staff & Students)	- 214