



MAHATMA GANDHI INSTITUTE OF MEDICAL SCIENCES, SEVAGRAM

TEACHING IN IMMUNIZATION CLINICS

Sensitization of MBBS students on Routine Immunization

During the social service camp in the first year, all the students are taught about the National Immunization Schedule under the Universal Immunization Programme in India. They are also supposed to record the immunization status of the under-5 children in their respective allotted families.

During the 2nd year of MBBS and Final year (Part 1) students are posted in G-OPD for a period of 15 days during which they are demonstrated routine immunization and are also shown the cold chain equipment. Universal immunization is discussed with the students in small groups. They are also updated on vaccine delivery mechanism and how quality control of vaccination is carried by the District Health system. Students also observe the vaccination processes including the interpretation of the Vaccine vial monitor. They also are sensitized to identify how to recognize whether the vaccine can be used or not. They are also made aware of Adverse Event Following Immunization and how to prepare and maintain the emergency tray, how to use emergency drugs if required. They are also shown the Maternal and Child Health Protection Card where entry of vaccine of the beneficiary is recorded and its importance. They are also taught how to communicate with mothers and also explain about the immunization and how to identify post-vaccine complications.

During theory lectures individual vaccines are also covered with the respective diseases. Students are also updated on newer vaccines added to routine immunization program as well as.

During the ROME camp students also visit the Primary Health Centre where they also get an opportunity to observe routine immunization process conducted at Government Health facility. Every year during the ROME camp, WHO Surveillance Medical Officer sensitizes the medical students and faculty on Polio vaccination, MR vaccination and newer vaccines added to the UIP.

Participation of Interns and postgraduates in Routine Immunization

During the internship posting at G-OPD, the interns are posted with the MCH clinic on a rotation basis. The interns during this time get an opportunity to work with the ANMs in the OPD and provide vaccination to the children visiting the OPD. The interns are also supposed to visit the PNC ward along with the ANMs and provide vaccination (BCG, OPV-0, Hep-B) to the newborn children. The postgraduate students of Community Medicine department also provide vaccines in the OPD.

Interns and PGs are also exposed to immunization sessions and perform immunizations during their postings at the Urban and Rural health training centres at the village/ primary health facility level.

Apart from this the interns and postgraduates posted in MCH clinic are also supposed to maintain/support the ANMs in maintaining the temperature log of the ILR by recording the temperature daily in the morning at 8 AM.

Postgraduate students and Interns actively participate in Pulse Polio vaccination campaign wherein polio drops are provided in the G-OPD and they are posted to provide the polio drops to beneficiaries and support the ANMs in conduct of the pulse polio vaccination and preparing the reports.