Fractional dose IPV

Polio type 2 withdrawal

Polio Eradication : Endgame plans

Epidemiology Unit
• Detect and interrupt all poliovirus transmission

• **Strengthen immunization systems and withdraw oral polio vaccine**

• Contain poliovirus and certify interruption of transmission

• Plan polio’s legacy
Polio Endgame Objective 2: three distinct stages

- **Introduce**
  - Before end 2015
  - At least one dose of IPV into routine immunization

- **Switch**
  - 2016
  - tOPV to bOPV

- **2019-2020**
  - Withdraw bOPV from SIAs and routine use

**Ongoing STRENGTHENING** of routine immunization services
Plan of OPV withdrawal in Polio Eradication

- **Strengthen routine immunization systems**
  - Into routine immunization schedule
  - Prior to OPV withdrawal

- **Introduce at least one dose of IPV**
  - Prior to OPV withdrawal

- **Withdrawal OPV in phases**
  - **Phase 1**: remove type 2 component of OPV
  - **Phase 2**: withdraw bOPV

- **Switch from trivalent OPV (tOPV) to bivalent OPV (bOPV)**

- **Change over to fractional dose IPV [fIPV]**
  - 2 doses intradermal

*Epidemiology Unit – Ministry of Health*
fIPV

- 0.1 ml intradermal injection (10-15\(^0\) angle)
- Left arm, Deltoid region
- 2 doses
- 2\(^{nd}\) and 4\(^{th}\) months of the age (together with OPV and Pentavalent)
  - Pentavalent to left thigh
  - fIPV (0.1 ml ) intradermal to left arm

Step 1: OPV

Step 2: Penta (left thigh)

Step 3: fIPV (left arm)
Data recording

• CHDR
  – Other vaccine section
    • 2 months: fIPV1
    • 4 months: fIPV2

• Clinic Immunization Register (H-1216)
  – Divide IPV column in to 2 and mention (fIPV 1, fIPV 2)

• Clinic Summary (RH-MIS 518)
  – Divide IPV column in to 2 and mention (fIPV 1, fIPV 2)

• Birth & Immunization Register (EPI/03/79-2014)
  – Divide IPV column in to 2 and mention (fIPV 1, fIPV 2)

• WEHIIS: necessary changes will be done for data entry
Intradermal vaccination procedure