

ORAL POLIO VACCINE

DESCRIPTION

The live oral poliomyelitis (OPV) is a trivalent vaccine containing suspensions of types 1, 2 and 3 attenuated poliomyelitis viruses (Sabin strains). Each dose (2 drops=0.1 ml) contains not less than $10^{6.0}$ infective units of type 1, and $10^{5.0}$ of type 2 $10^{5.8}$ of type 3, sucrose is used as a stabilizer.

The vaccine fulfills WHO requirements for oral polio vaccine.

INDICATION

Active immunization against poliomyelitis.

ADMINISTRATION

OPV must only be administered orally. Two drops are delivered directly into the mouth from the multi-dose vial through dropper or dispenser. Care should be taken not to contaminate a multi-dose dropper with saliva of the vaccinees. Opened vials of vaccine may be used in subsequent immunization sessions until a new shipment of vaccine arrives, providing that the conditions described in WHO/EPI/LH15/95.1 are met.

IMMUNIZATION SCHEDULE

Infants should receive at least three doses of OPV at minimum intervals of 4 weeks. In non-endemic areas the first dose can be given from 6 weeks with the first dose of DTP. In endemic areas, an extra dose should be given as soon as possible after birth.

OPV can be given safely and effectively at the same time as measles, DTP, DT, Td, TT, BCG, Hepatitis B and Yellow Fever vaccine.

SIDE EFFECTS

In the vast majority of cases there are no side effects. Very rarely, there may be vaccine-associated paralysis (less than one case per 3 million doses administered).

CONTRAINDICATIONS

The vaccine should not be administered to those with an immune deficiency. No adverse effects are produced by giving OPV to a sick child. However, if in doubt, for instance during diarrhoea, a repeat dose can be given after recovery.

HUMAN IMMUNODEFICIENCY VIRUS (HIV) INFECTED INFANTS : HIV infected infants, both asymptomatic and symptomatic, should be immunized with OPV according to standard schedules.

STORAGE

Vaccine is potent if stored at not higher than -20°C until the expiry date indicated on the vial. It should not be stored for a period of longer than six months above -20°C , protect from light.

PRESENTATION

The vaccine comes in vial of 10 doses or 20 doses.



BIO FARMA

Jalan Pasteur no.28 Bandung 40161 - Indonesia

PO Box 1136, Tel. 022-233755, Fax: 022-2041306