

ORAL POLIO VACCINE (I.P.) :

Oral Polio is a serious but preventable disease. In India, hundreds and thousands of infants & children used to contract Polio, some of whom suffer from its serious consequences mainly paralysis.

Bio-Med earned pride of starting its Human Vaccine Division with Oral Polio Vaccine in 1995. Polio vaccine is manufactured from bulk imported from WHO certified company. Bio-Med's Vaccine is included in Pulse Polio Programme conducted by Ministry of Health & Family Welfare under Extended Program of Immunization (EPI). This has led Bio-Med name in the frontiers of Human Vaccine manufacturers in India.

DESCRIPTION :

Bio-Med's Oral Polio Vaccine is prepared using attenuated Sabin Strain Polio viruses. The vaccine is clear light pink in liquid form and light pale yellow in frozen form. Bio-Med's Oral Polio Vaccine conforms to Indian Pharmacopoeia.

COMPOSITION :

Each dose of vaccine contains :

Particulars

Particulars	Quantity
Attenuated Sabin strain viruses Type 1	10^6 CCID ₅₀
Attenuated Sabin strain viruses Type 2	10^5 CCID ₅₀
Attenuated Sabin strain viruses Type 3	$10^{5.8}$ CCID ₅₀
MgCl ₂ (Stabilizer)	1M
Kanamycin Sulphate (Preservative)	20mcg per dose

INDICATIONS :

- It is indicated for active immunization against poliomyelitis virus.
- Infants should receive atleast three doses of OPV at minimum interval of 3-4 weeks starting from 10 days of birth.
- Normally adults are not susceptible to poliomyelitis. However the vaccine can be given to persons of any age who have not suffered from poliomyelitis and have not been vaccinated.

PRESENTATION :

Squeezable Plastic tube with VVM Label (20 dose).

VVM (Vaccine Vial Monitor) Label :

Bio-Med in an effort to improve product quality came up with the state of the art labeling of Oral Polio Vaccine with imported VACCINE VIAL TIME TEMPERATURE SENSITIVE INDICATOR for the first time in India.

BENEFITS OF USING VVM (Vaccine Vial Monitor) :

- Ensures efficacy with round the clock surveillance from the manufacturer to final user.
- Improved confidence in the quality and reliability of the product.
- Demonstrates compliance with handling rules / regulations.

CONTRA- INDICATION :

- Pregnant and lactating women.
- In the event of fever or severe infection.

In the year 2007, we launched OPV in special plastic squeezable tube with built in dropper device for easy dispensing of the polio vaccine. This latest generation packing is superior in handling quality, leak proof and nozzle designed to deliver exact drops of vaccine. Bio-Med thus became the market leader in Polio vaccine in India as most private medical practitioners and pediatricians prefer Bio-Med's Polio Vaccine.

DOSAGE AND ADMINISTRATION :

2 drops (0.1 ml) of the vaccine is administered orally to small child starting from 10 days of birth. and is given 3 times at an interval of 1-2 months .

CONTRA- INDICATION :

Oral Polio vaccine is not recommended for administration in case the child is suffering from acute febrile illness, diarrhoea, dysentery or any debilitating disease. Patient under steroid therapy should not be vaccinated. Patient suffering from leukemia, dysgammaglobulinemia or other malignant tumors should not be given Oral Polio Vaccine.

STORAGE :

The vaccine must be stored at -20⁰C or below under frozen state for long term storage upto 2 years. When the vaccine is



thawed (liquid form), it must be kept in refrigerator at 2⁰C to 8⁰C. Vaccine if stored at 2⁰C to 8⁰C shall remain good for only 4-6 months.

