Polioformyliatia Vaccine (Vero Cell), Inactivated, Sabin Strains

**NAME OF THE MEDICAL PRODUCT**
Polioformyliatia Vaccine (Vero Cell), Inactivated, Sabin Strains (SINOVAC) is a subunit vaccine containing a suspension of poliovirus type 1, type 2, and type 3 (Sabin strains) purified and inactivated. The virus of the vaccine strains are derived from tissue culture and produced by aseptic technique and are not related to the wild-type strains of poliovirus.

**DESCRIPTION**
Polioformyliatia Vaccine (Vero Cell), Inactivated, Sabin Strains (SINOVAC) is a subunit vaccine containing a suspension of poliovirus type 1, type 2, and type 3 (Sabin strains) purified and inactivated. The virus of the vaccine strains are derived from tissue culture and produced by aseptic technique and are not related to the wild-type strains of poliovirus.

**COMPATIBILITY**
Vaccines in a glass vial with a plastic cap. Each vial contains
2) 10 million titer units of poliovirus type 1, type 2, and type 3 (Sabin strains).

**ADMINISTRATION**
Polioformyliatia Vaccinum (Vero Cell), Inactivated, Sabin Strains (SINOVAC) is administered by subcutaneous injection. In children, it is administered in two doses: the first dose is administered at the age of 6 months and the second dose is administered at the age of 12 to 15 months.

**ADVERSE EFFECTS**
There are no significant adverse effects reported with the use of Polioformyliatia Vaccinum (Vero Cell), Inactivated, Sabin Strains (SINOVAC).

**INDICATIONS AND DURATIONS**
Polioformyliatia Vaccinum (Vero Cell), Inactivated, Sabin Strains (SINOVAC) is indicated for the prevention of poliomyelitis caused by poliovirus type 1, type 2, and type 3.

**APPLICATIONS**
Polioformyliatia Vaccinum (Vero Cell), Inactivated, Sabin Strains (SINOVAC) is administered by subcutaneous injection. In children, it is administered in two doses: the first dose is administered at the age of 6 months and the second dose is administered at the age of 12 to 15 months.

**PHARMACOKINETICS**
SINOVAC Polioformyliatia Vaccinum (Vero Cell), Inactivated, Sabin Strains has a peak response in the serum at 1 to 2 weeks after the first dose. The antibody response is sustained for at least 3 years.

**IMMUNOGENICITY**
The immunogenicity of SINOVAC Polioformyliatia Vaccinum (Vero Cell), Inactivated, Sabin Strains has been evaluated in clinical trials and in preclinical studies. In clinical trials, the immune response was measured in terms of the antibody titer and the antibody avidity. The antibody titer was measured by the enzyme-linked immunosorbent assay (ELISA) and the antibody avidity was measured by the cross-reactive antibody titer (CRAT).

**PRECAUTIONS**
Before administering Polioformyliatia Vaccinum (Vero Cell), Inactivated, Sabin Strains (SINOVAC), the following precautions should be taken:

1. The vaccine should be administered to healthy individuals at least 6 months of age.
2. The vaccine should not be administered to individuals with a history of allergic reactions to any component of the vaccine or to polio.
3. The vaccine should be administered to individuals who have had an immediate allergic reaction to any component of the vaccine.
4. The vaccine should be administered to individuals who have had a serious adverse reaction to any component of the vaccine.

**RECOMMENDATIONS**
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