PURIFIED INACTIVATED INFLUENZA VIRUS ANTIGEN

**COMPOSITION**

- Purified Inactivated Influenza Virus Antigen Type A [A/Hong Kong/2671/2019 NIB-121(H3N2)] ................................... 30µg
- Purified Inactivated Influenza Virus Antigen Type B [B/Washington/02/2019] .................................................................. 30µg

**PRECAUTIONS FOR USE**

1. **Contraindications**
   - Immunocompromised patients, children younger than 9 years of age who have not been vaccinated or have not been infected by influenza virus should be vaccinated for the first time
   - Individuals who are allergic to the vaccine components
   - Women who are pregnant or planning to become pregnant

2. **Take special care**
   - Pregnant women or women considered to be pregnant should be vaccinated with TIV at any stage of pregnancy. Pregnant women should be vaccinated with TIV with caution. The vaccine is not effective during pregnancy and it is not clear whether influenza vaccine is safe for pregnant women. Pregnant women should be vaccinated with TIV only if the benefit outweighs the risk.

3. **Adverse reactions**
   - Local reactions: pain, tenderness, soreness at the injection site
   - Systemic reactions: fever, cough, malaise, headache, muscle pain

4. **Administration**
   - Administer intramuscularly in the deltoid muscle. The vaccine should be administered in the deltoid muscle or upper arm and not in the thigh, rectus femoris, or股四頭肌.

5. **Precautions in administration**
   - Administer the vaccine to individuals who have had fever, respiratory illness, or other systemic illness within the past 48 hours.
   - Avoid vaccinating individuals who have had fever, respiratory illness, or other systemic illness within the past 48 hours.

**ADVERSE EFFECTS**

- **Local Adverse Events**
  - Pain: 46.9%, Redness: 17.8%, Tenderness: 27.1%, Swelling: 22.1%, Malaise: 13.2%

- **Systemic Adverse Events**
  - Headache: 18.1%, Dizziness: 9.7%

**MAJOR ADVERSE EVENTS**

- Serious adverse events were reported in 5 out of 100,000 injection doses.

**IMMUNE RESPONSE**

- IgG antibody levels were significantly higher in patients who received the vaccine compared to those who did not receive the vaccine.

**Product Information**

- GC FLU Multi inj. is a vial containing colorless or slightly whitish liquid made by splitting and inactivating influenza virus using formaldehyde and the vaccine contains a priori recommended antigens.

**Recommendations**

- Based on the risk-benefit analysis, the vaccine is recommended for all children and adults.

**Conclusion**

- GC FLU Multi inj. is an effective and safe vaccine against influenza for children and adults.