



---

# Overview of the vaccines

---

# Aztra Zeneca Vaccine



- **Trade name:** SII product called COVISHIELD
- **Technology:** Viral Vector (Genetically Modified Version)
- **Efficacy:** 62%-90% (different trails)
- **Number of doses required:** 2
- **Dose interval:** 4-12 weeks (12 weeks recommended by the MAC)
- Administered in the Deltoid muscle with needle/syringe
- Fully liquid vaccine
- **Storage:** 2-8°C
- **Side-effects:** Mild to moderate in severity and usually resolve within a few days of vaccination injection site tenderness; injection site pain, headache, fatigue; myalgia, malaise; pyrexia, chills; and arthralgia, nausea



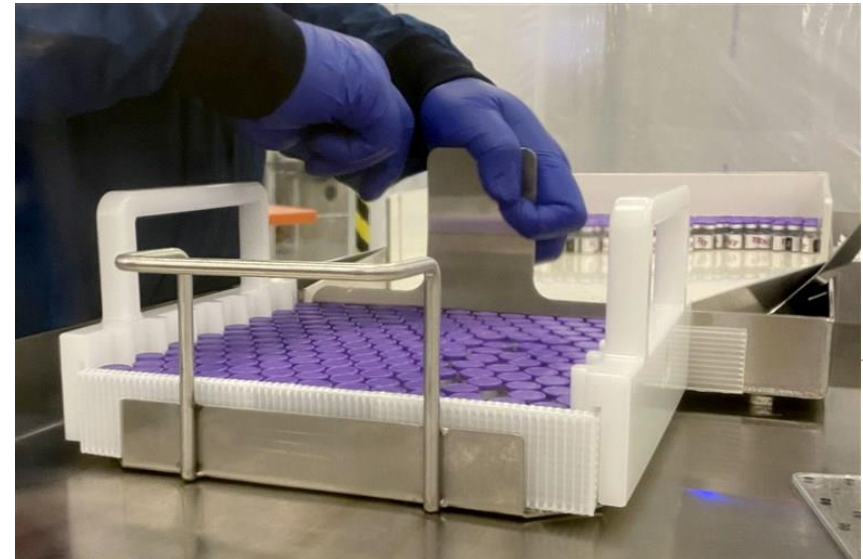
health

Department:  
Health  
REPUBLIC OF SOUTH AFRICA

# Pfizer Vaccine



- **Technology:** mRNA
- **Efficacy:** 95%
- **Number of doses required:** 2
- **Dose interval:** 21 days apart
- Administered in the Deltoid muscle with needle/syringe
- Vaccine require reconstitution
- **Storage:** -70°C during storage and distribution, at vaccination site could be stored at 2-8°C for 120 hours
- **Side-effects:** Side effects (such as fever, chills, tiredness, and headache) throughout the body were more common after the second dose of the vaccine. Most side effects were mild to moderate.
- *Allergic reaction could occur within 4 hours of getting vaccinated, including symptoms such as hives, swelling, or wheezing (respiratory distress).*
- *This includes allergic reactions to polyethylene glycol (PEG) and polysorbate*



health

Department:  
Health  
REPUBLIC OF SOUTH AFRICA



# J&J Vaccine



- **Technology:** Ad26 Viral vector vaccine
- **Efficacy:** Currently in phase III -Target efficacy 70%
- **Number of doses required: 1**
- Administered in the Deltoid muscle with needle/syringe
- Fully liquid vaccine
- **Storage:** 2-8°C
- **Side-effects:** Initial safety information released for the vaccine shows that the most common reactions after the vaccine was administered included: Injection site pain, Fatigue, Headache, Muscle aches.

Phase III clinical trail in progress



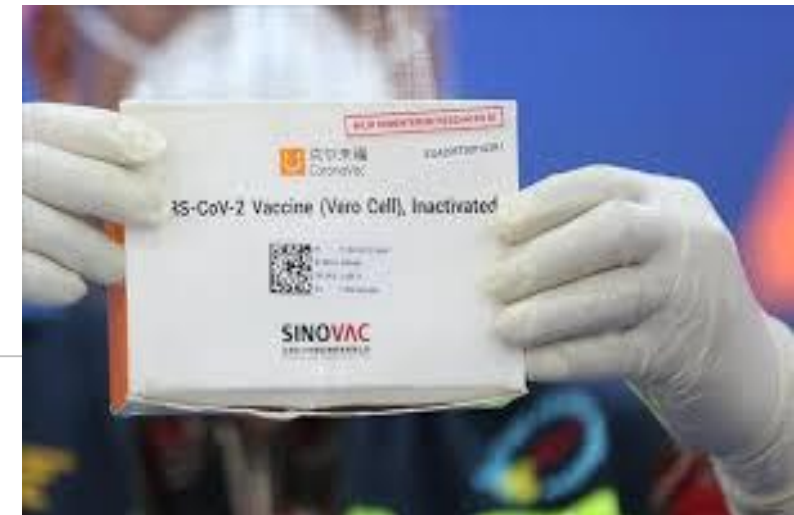
health

Department:  
Health  
REPUBLIC OF SOUTH AFRICA

# Sinovac Vaccine



- **Technology:** Inactivated vaccine
- **Efficacy:** 50%-70% (different trial results)
- **Number of doses required:** 2
- **Dose interval:** 14 day interval
- Administered in the Deltoid muscle with needle/syringe
- Fully liquid vaccine
- **Storage:** 2-8°C
- **Side-effects:** Most adverse reactions were mild, with the most common symptom being injection-site pain



health

Department:  
Health  
REPUBLIC OF SOUTH AFRICA

# Sputnik V Vaccine



- **Technology:** Adenoviral vector vaccine
- **Efficacy:** 92%
- **Number of doses required:** 2
- **Dose interval:** 21 day interval
- Administered in the Deltoid muscle with needle/syringe
- Reconstitution required
- **Storage:** 2-8°C (freeze dried) require diluent
- **Side-effects:** Most adverse reactions were mild, include a fever of 38°C, headaches and muscle pain



health

Department:  
Health  
REPUBLIC OF SOUTH AFRICA

# Moderna Vaccine



- **Technology:** mRNA
- **Efficacy:** 94.5%
- **Number of doses required:** 2
- **Dose interval:** 28 day interval
- Administered in the Deltoid muscle with needle/syringe
- Fully liquid
- **Storage:** -20°C distribution storage at vaccination site could be stored at 2-8°C for 30 days
- **Side-effects:** Side effects (such as fever, chills, tiredness, and headache) throughout the body were more common after the second dose of the vaccine. Most side effects were mild to moderate.
- *Allergic reaction could occur within 4 hours of getting vaccinated, including symptoms such as hives, swelling, or wheezing (respiratory distress).*
- *This includes allergic reactions to polyethylene glycol (PEG) and polysorbate*



health

Department:  
Health  
REPUBLIC OF SOUTH AFRICA