Introduction

All of the COVID-19 vaccine's components are completely safe. Almost all of the constituents of COVID-19 vaccines – fats, sugars, and salts – are also found in numerous meals. A portion of a modified virus that is not the virus that causes COVID-19 is also included in the J&J/Janssen COVID-19 vaccine. The vector virus is th

e name given to this modified virus. Because the vector virus is unable to multiply, it is considered harmless. This vector virus instructs the body's cells to produce an immunological response. This reaction helps you avoid being ill with COVID-19 in the future. After the body has produced an immune response, it discards all vaccination ingredients in the same way that it discards any information that cells no longer need.

COVID-19 vaccines are being deployed in countries around the world, giving the worldwide pandemic a new lease on life. WHO, UNICEF, Gavi, and a number of other organisations are collaborating to help nations prepare for the launch of the COVID-19 vaccine. Countries can guarantee infrastructure is in place and technical support is available to safely deliver COVID-19 vaccines with careful preparation.

The COVID-19 vaccine introduction toolkit provides information, resources, and training to help all countries plan for and administer COVID-19 vaccination. Ministry of Health, health workers, partner organisations, and other stakeholders will benefit from this toolbox.

Pfizer

Name of vaccine - Pfizer, Brand - Comirnaty

Type - MRNA

No. of shots - 2 shots, 2nd dose 28 days after

How - shot in muscle of upper arm

Pfizer - Bcontech received Food and drug administration (FDA) approval on August 23, 2021, for the age group of 16 or above. Comirnaty is the brand name of the Pfizer vaccine which gives protection against Covid-19

Ingredients - MRNA - Messenger Ribonuliec acid lipids, salt and sugar as potassium chloride

Possible side effects - Pain, redness, swelling, tiredness, chills, fever

Side effects are common after list 1st Covid dose

Effective composition - 51% male, 49% female

At Least 3 to 4 days rest is sufficient

Moderna

Name of vaccine - Moderna

Manifactuer - ModernaTX, inc

Type - mRNA

Number of shots - 2 shots, 28 days apart

Given by - shot in the muscle of upper arm

Moderna - The Moderna Covid-19 vaccine also contains a harmless piece of messenger RNA (mRNA), The Covid-19 mRNA teaches cells in the body how to create an effective immune response to the virus that causes Covid-19, This response helps protect you from getting the virus in the future.

Ingredients - Messenger ribonucleic acid (mRNA) disputes (fats)

Salt, sugar, acid stabilizer and acid as acetates and tromethamine hydrochlorides.

Possible side effects - Pain, redness, swelling, tiredness, headache, fevers, nausea

These side effects are very common. They should be gone within a few days.

Effective - 53% male, 47% female Age - 75% of 18 to 64 years, 25% 64 years and older.

Oxford - AstraZeneca Covid-19 vaccine

Codenamed - AZD1222

Brand name - Covidshield and Vaxzevria

Effectiveness - overall efficiency -> 63.09% (after second dose)

And 76% after the first dose

[ for alpha variant - 81%, for delta variant - 61% effective]

Vaccine type - Viral vector-based

Common side effects - fever, dizziness, fatigue, soreness, redness at the injection site, muscle pain, headache, sleepiness

Some rare side effects - increase heart rate, blood clots with a low level of blood platelets, eye issues, abdominal pain

Vaccine ingredients - adenovirus vector vaccine, EDTA, ethanol, L-histidine, L-histidine hydrochloride, monohydrate magnesium chloride hexahydrate, polysorbate 80, sodium chloride, sucrose

Manufacturer - AstraZeneca-SKbio

The oxford AstraZeneca Covid-19 vaccine is approved on 10 february 2021 by world health organization (WHO) for 18 years of age and elder. The vaccine is given in two 0.5ml shots, administered by instramusclura route (upper arm) with eight to twelve two doses.

Johnson & Johnson’s Janssen COVID-19 Vaccine

JNJ-78436735 is a trademark of JNJ.

Manufacturer: Johnson & Johnson's Janssen Pharmaceuticals Companies

Vaccine Type: Viral Vector

Number of Shots: 1 shot.

Booster Shot: At least two months following your initial vaccination. For your booster dose, you can choose from any of the COVID-19 vaccinations approved in the United States. A Janssen booster dose should not be given to people who suffered thrombosis with thrombocytopenia syndrome after receiving their initial Janssen vaccine.

How Given: Shot in the muscle of the upper arm

Does NOT Contain: Eggs, preservatives, latex, metals