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[The Moderna COVID-19 \(mRNA-1273\) vaccine: what you need to know](#)

[FACT SHEET FOR RECIPIENTS AND CAREGIVERS EMERGENCY USE AUTHORIZATION \(EUA\) OF THE MODERNA COVID-19 VACCINE TO PREVENT CORONAVIRUS DISEASE 2019 \(COVID-19\) IN INDIVIDUALS 18 YEARS OF AGE AND OLDER](#)

[WHO lists Moderna vaccine for emergency use](#)

[Moderna COVID-19 Vaccine Overview and Safety](#)

THINGS YOU NEED TO KNOW BEFORE YOU GET THE VACCINE **Moderna COVID-19 Vaccine or SPIKEVAX (COVID-19 Vaccine, mRNA)**

Mixing and matching of Moderna COVID-19 (mRNA-1273) vaccine with other COVID-19 vaccines

SAGE accepts two heterologous doses of WHO EUL COVID-19 vaccines as a complete primary series. For countries considering heterologous schedules, WHO has made recommendations to ensure equivalent or favorable immunogenicity or vaccine effectiveness for heterologous versus homologous schedules:

Either of the WHO EUL COVID-19 vectored vaccine (Janssen or AstraZeneca Vaxzervia/COVISHIELD) can be used as a second dose following a **first dose** of Moderna vaccine, dependent on product availability.

The Moderna vaccine can also be used as a **second dose** any of the WHO EUL COVID-19 inactivated vaccines (Sinopharm, Sinovac or Bharat) or any of the vectored vaccines (Janssen or AstraZeneca Vaxzervia/COVISHIELD).

Contraindication for receiving a Moderna Spikevax Covid-19 Vaccine

People with following conditions should not receive a COVID-19 vaccine to avoid any possible adverse effect:

- If you have a history of severe allergic reaction to any ingredients* of the Moderna vaccine.
- If you have experienced severe allergic reaction after the 1st dose of COVID-19 vaccination.
- If you are currently sick or experiencing any other symptoms related to COVID-19.

You may have some minor side effects which can be related to the normal response in your body for antibody development to protect you from the virus. Side effects that have been reported in clinical trials with the Moderna COVID-19 Vaccine include:

Injection site reactions: Pain, tenderness and swelling of the lymph nodes in the same arm of the injection, swelling (hardness), and redness

General side effects: Fatigue, headache, muscle pain, joint pain, chills, nausea and vomiting, fever, and rash.

Other very rare side effects reported during post-authorization use of the Moderna COVID-19 Vaccine include:

- Severe allergic reactions
- Myocarditis (inflammation of the heart muscle)
- Pericarditis (inflammation of the lining outside the heart)
- Fainting in association with injection of the vaccine

Treating Post-Vaccination Side Effects: It is advised to refrain from using pain relievers (such as Panadol, paracetamol and ibuprofen) after receiving the vaccine in order to ensure the strongest possible immune response.

In case of greater discomfort, fever above 37.6C, or throbbing headache, please take Paracetamol adjusted to the age and weight.

For children, please use this recommendation for Paracetamol dosage:

Dosing table

Childs weight(kg)	120mg per 5mL	250mg per 5mL
5kg or less	Ask doctor	Ask doctor
6.5kg	4mL	2mL
8kg	5mL	2.5mL
10kg	6mL	3mL
15kg	9mL	4.5mL
20kg	12mL	6mL
30kg	18mL	9mL
40kg	25mL	12mL

- Wait at least 4 hours between doses; give no more than 4 times in 24 hours
- Keep track of doses and check when it was last given before giving it again

AFTER RECEIVING THE VACCINE

WHAT SHOULD YOU MENTION TO YOUR VACCINATION PROVIDER BEFORE YOU GET THE MODERNA COVID-19 VACCINE?

Tell your vaccination provider about all of your medical conditions, including if you:

- Have any allergies
- Have had myocarditis (inflammation of the heart muscle) or pericarditis (inflammation of the lining outside the heart)
- Have a fever
- Have a bleeding disorder or are on a blood thinner
- Are immunocompromised or are on a medicine that affects your immune system
- Are pregnant or plan to become pregnant
- Are breastfeeding
- Have received another COVID-19 vaccine
- Have ever fainted in association with an injection

As SARS-CoV-2 still might occur after getting vaccinated, so vaccine recipients should continue protective measures to control the transmission, such as **maintaining at least 2 meter** of physical distancing and **wearing mask** when in public places and **performing hand hygiene**.

In case you experience any side effects from the vaccine immediately contact your nearest health officials

KNOW MORE ABOUT VACCINES APPROVAL AND SARS-CoV-2 VARAINT

WHO listed vaccine for emergency use:

As of 12 January 2022, the following vaccines have obtained EUL:

[The Pfizer/BioNTech Comirnaty vaccine](#), 31 December 2020.

[The SII/COVISHIELD and AstraZeneca/AZD1222 vaccines](#), 16 February 2021.

[The Janssen/Ad26.COV 2.S vaccine developed by Johnson & Johnson](#),

[The Moderna COVID-19 vaccine \(mRNA 1273\)](#), 30 April 2021.

[The Sinopharm COVID-19 vaccine](#), 7 May 2021.

[The Sinovac-CoronaVac vaccine](#), 1 June 2021.

[The Bharat Biotech BBV152 COVAXIN vaccine](#), 3 November 2021.

[The\(NVX-CoV2373\) vaccine](#), December 2021.

[The\(NVX-CoV2373\) vaccine](#), December 2021



Department of Drug Administration Nepal approved vaccine for emergency use in Nepal

- AstraZeneca/Oxford COVID-19 known as COVISHILED Vaccine manufactured by the Serum Institute of India approved for emergency use in 15 January 2021
- COVID-19 Vaccine (Vero cell), inactivated manufactured by the Beijing Bio-Institute of Biological Products Co Ltd, under Sinopharm was granted emergency use in 16 February 2021.
- Whole virion Inactivated Corona Virus Vaccine, (BBV152) (COVAXINTM) manufactured by Bharat Biotech International Limited was granted emergency use in 19 March 2021.
- Gam-COVID-Vac Combination vector vaccine to prevent coronaviral infection caused by the SARS-CoV-2 virus (Sputnik V) manufactured by FSBI N.F Gamaleya Research Center of Epidemiology and Microbiology of the Ministry of Health of Russia was approved in 20 April 2021.
- Pfizer/BioNtech COVID-19 m-RNA (Comirnaty) vaccine was given approval for use by Nepal government on 8 September 2021.
- Moderna COVID-19 m-RNA vaccine was given emergency use in Nepal on 15 September 2021.

PRECAUTIONS AFTER RECEIVING THE VACCINE:

- *Maintaining at least 2 meters of physical distance*
- *Wear a mask in public place or in a crowded area*
- *Wash your hands frequently with soap & water or use an alcohol-based hand sanitizer (70%)*

Recommended dosage

SAGE recommends the use of the Moderna mRNA-1273 vaccine at a schedule of two doses (100 µg, 0.5 ml each) 28 days apart. If necessary, the interval between the doses may be extended to 42 days. UN Medical Directors recommends a half dose of the Moderna vaccine as booster doses (50 µg, 0.25 ml each), 6 months from last dose.

Vaccine Efficacy

Estimated efficacy 94.1% against symptomatic COVID-19 disease starting 14 days after dose 2.

Vaccine Effectiveness

The vaccine effectiveness estimate against symptomatic infection currently is +/- 91% (range 90 to 91%) following 2 doses of vaccine.