



LUTTER CONTRE LA RÉTICENCE À LA VACCINATION CONTRE LA COVID-19

DHMOSH Section santé publique

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Préoccupations concernant le vaccin COVID-19



I'm not too sure that it's safe to be vaccinated.

We don't really need this vaccine, we're young and healthy!

I was already sick with COVID so I don't need the vaccine.

Unknown effects of this new vaccine might be worse than COVID!

I don't like needles.

This virus doesn't exist! Vaccine companies just want money...

I heard COVID is like the flu and I was so sick last year after my flu shot..





Coronavirus around the world

Total deaths

3.4 million

Latest daily figure

9,157

new deaths

56-day trend



Total confirmed cases

167.1 million

Latest daily figure

505,777

new cases

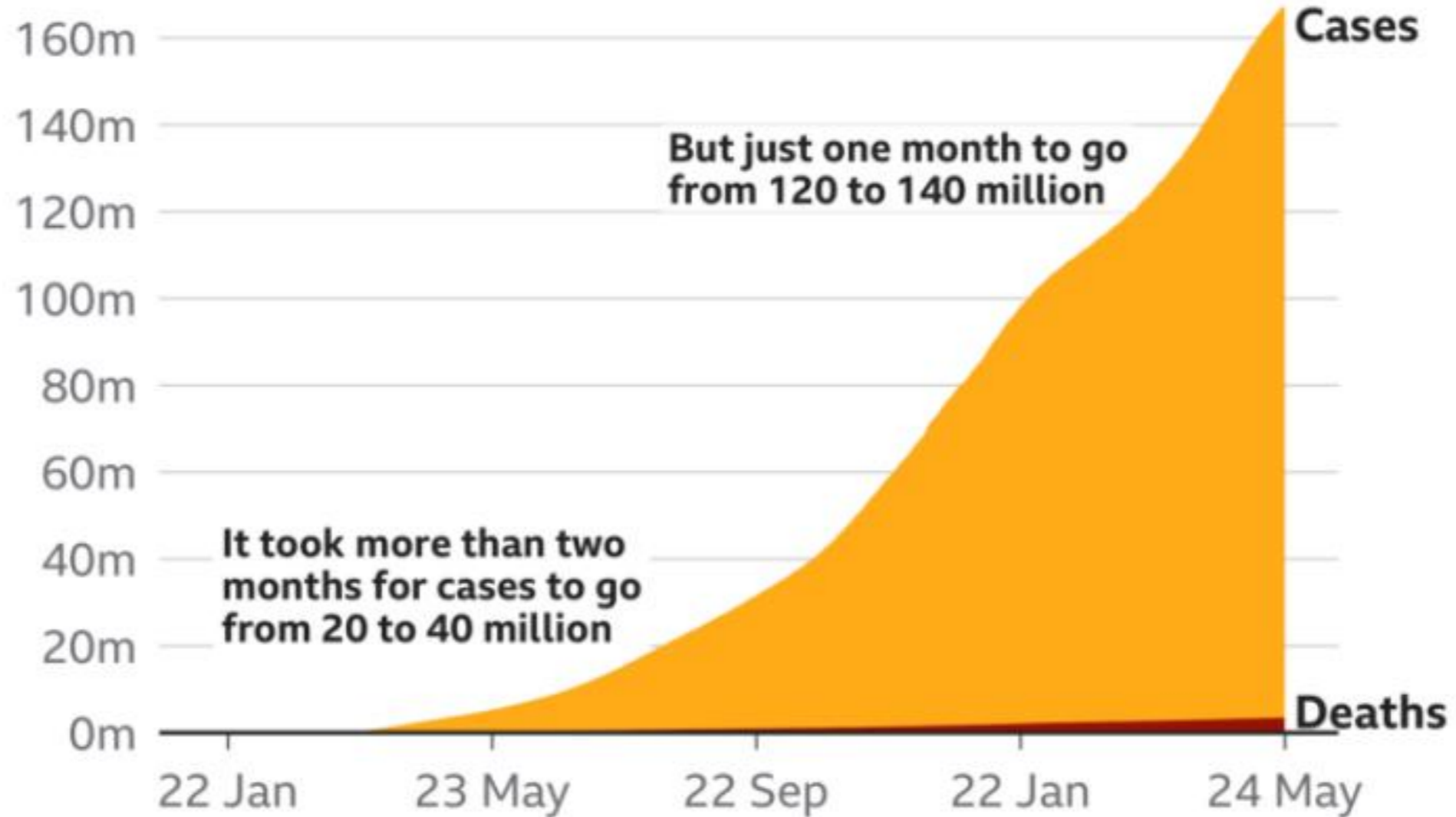
56-day trend



Source: Johns Hopkins University, national public health agencies, 24 May

BBC NEWS

Global coronavirus cases pass 160 million



Source: Johns Hopkins University, data to 24 May





Some COVID-19 variants
may spread more easily.

**Luckily, the same basic protective
measures work against all COVID-19
variants.**

Top 5 Causes of Death Globally

Based on estimates from the IHME, COVID-19 is the fourth-leading cause of death globally

Rank	Cause	Estimated deaths since start of 2020	Estimated percent of all deaths since start of 2020
1	Ischemic heart disease	10,890,000	15.5%
2	Stroke	7,809,000	11.1%
3	Chronic obstructive pulmonary disease	3,910,000	5.6%
4	COVID-19	3,068,000	4.4%
5	Lower respiratory infections	2,971,000	4.2%

Note: Totals reflect COVID-19 death data adjusted by IHME based on levels of excess mortality observed around the world. Deaths reflect counts through March 11, 2021.

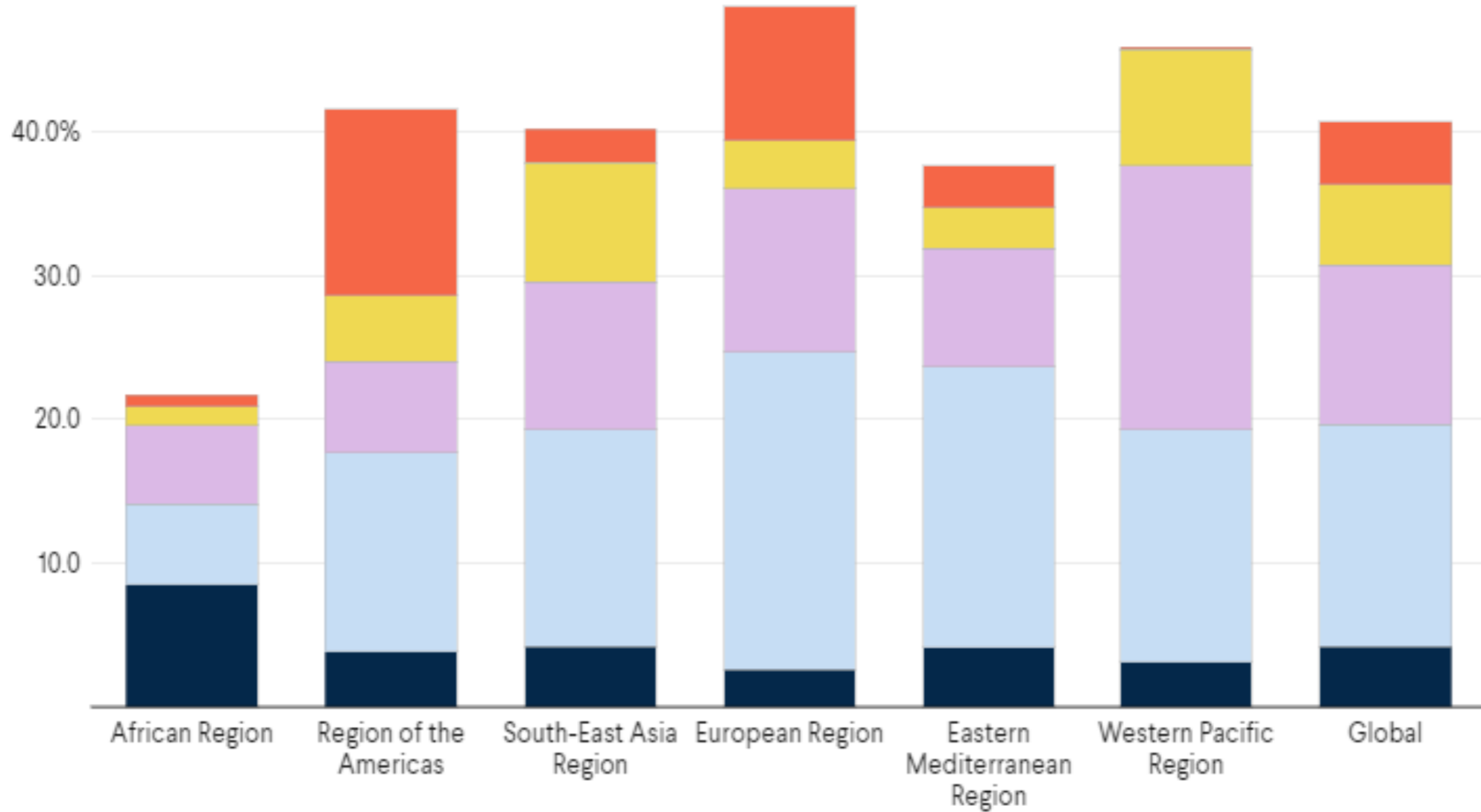
Table: IHME/Christopher Troeger • Source: IHME

Think Global Health

The Top Five Causes of Death Globally in 2020 by WHO Region

The largest share of COVID-19 deaths by WHO region was in the Americas and Europe

● Lower Respiratory Infections ● Ischemic Heart disease ● Stroke ● Chronic Obstructive Pulmonary Disease ● COVID-19



WHO IS AT HIGHER RISK?

Some people are at higher risk of getting very sick from this illness, including:

- Older adults
- People who have serious chronic medical conditions like:
 - Heart disease
 - Diabetes
 - Lung disease



De quelle manière la sécurité, la réponse immunitaire et l'efficacité des vaccins sont-elles testées ?



STAGES OF CLINICAL TRIALS



LABORATORY STUDIES

A new treatment is tested in animal or cell studies to determine if it would be safe and effective for people.



PHASE 1

Tests the safety of medication and treatment on a small group of people.



PHASE 2

Continues safety and effectiveness testing with a slightly larger group.



PHASE 3

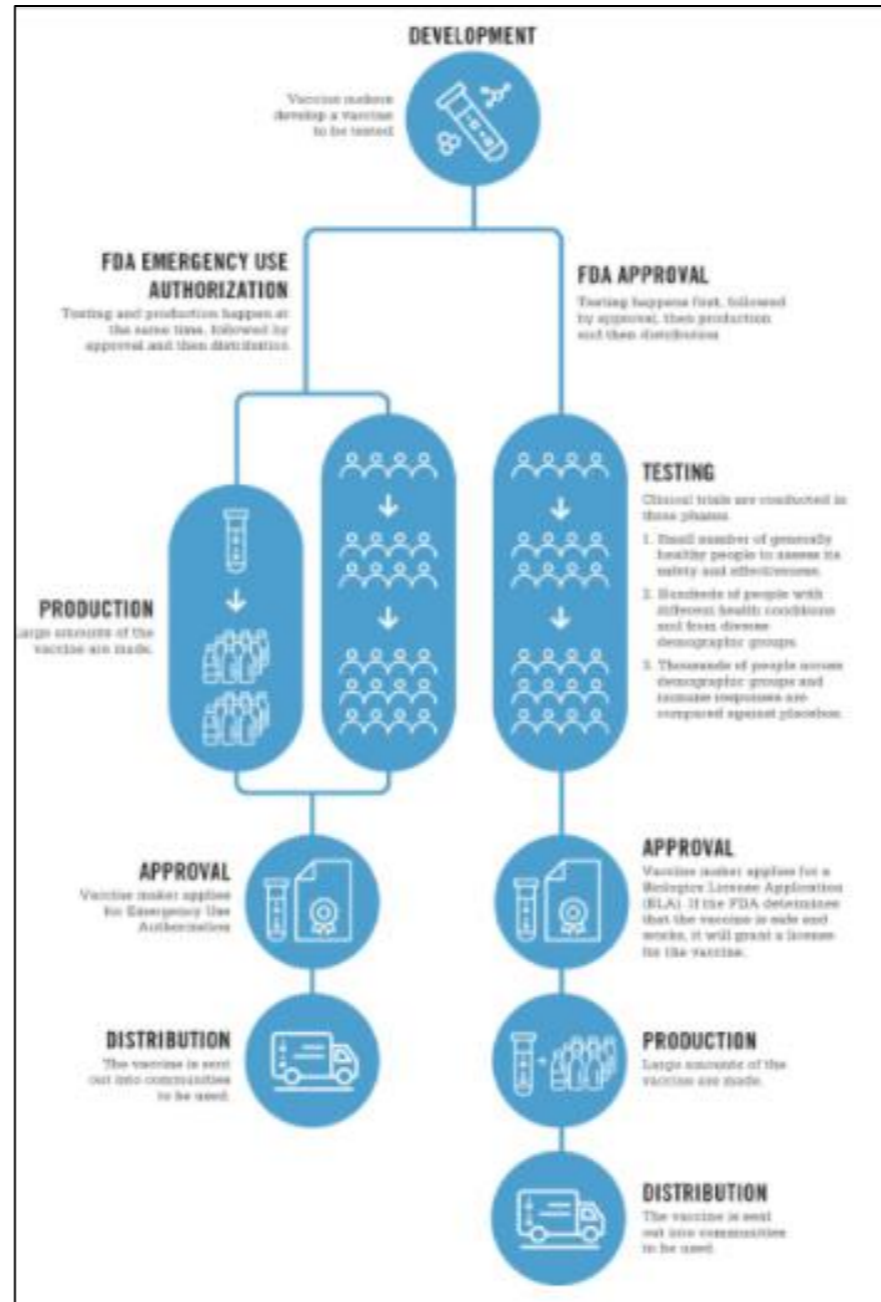
Studies safety, effectiveness and dosing of treatment on hundreds to thousands of people.



PHASE 4

Studies long-term effectiveness, comparing new treatment to standard treatment.

Étapes séquentielles vs en parallèle





All of the 4 types of Covid-19 vaccine help your body identify what the virus looks like before they meet it for real, but they do it in different ways.



Whole Virus Vaccine

How it works:

The whole Covid-19 virus is put in the body, but in a weakened or inactivated form, so your immune system can prepare its defences.

Examples: Sinovac

- Conventional cold storage.
- Tried and tested.
- Previous uses: Hepatitis A, Rabies, Polio, Measles.



RNA Vaccine

How it works:

Instructions for creating an immune system-triggering Covid-19 protein virus are introduced into your body so your immune system can prepare.

Examples: Pfizer-BioNTech, Moderna

- Requires extreme cold chain storage.
- New technology.
- Previous uses: None.



Protein Vaccine

How it works:

Only the immune response-triggering part of the Covid-19 virus is put into the body so your immune system can prepare.

Examples: Novartis

- Conventional cold storage.
- Tried and tested.
- Previous uses: Malaria, HPV.



Viral Vector Vaccine

How it works:

Another inactivated virus is used to deliver instructions for creating the recognisable part of the Covid-19 virus, so your immune system can prepare.

Examples: Oxford Astra-Zeneca, Sputnik V, Janssen

- Conventional cold storage.
- Tried and tested.
- Previous uses: Hepatitis B.

How Effective Are The Covid-19 Vaccines?

Estimated effectiveness at Covid-19 prevention based on interim data from late-stage clinical trials*



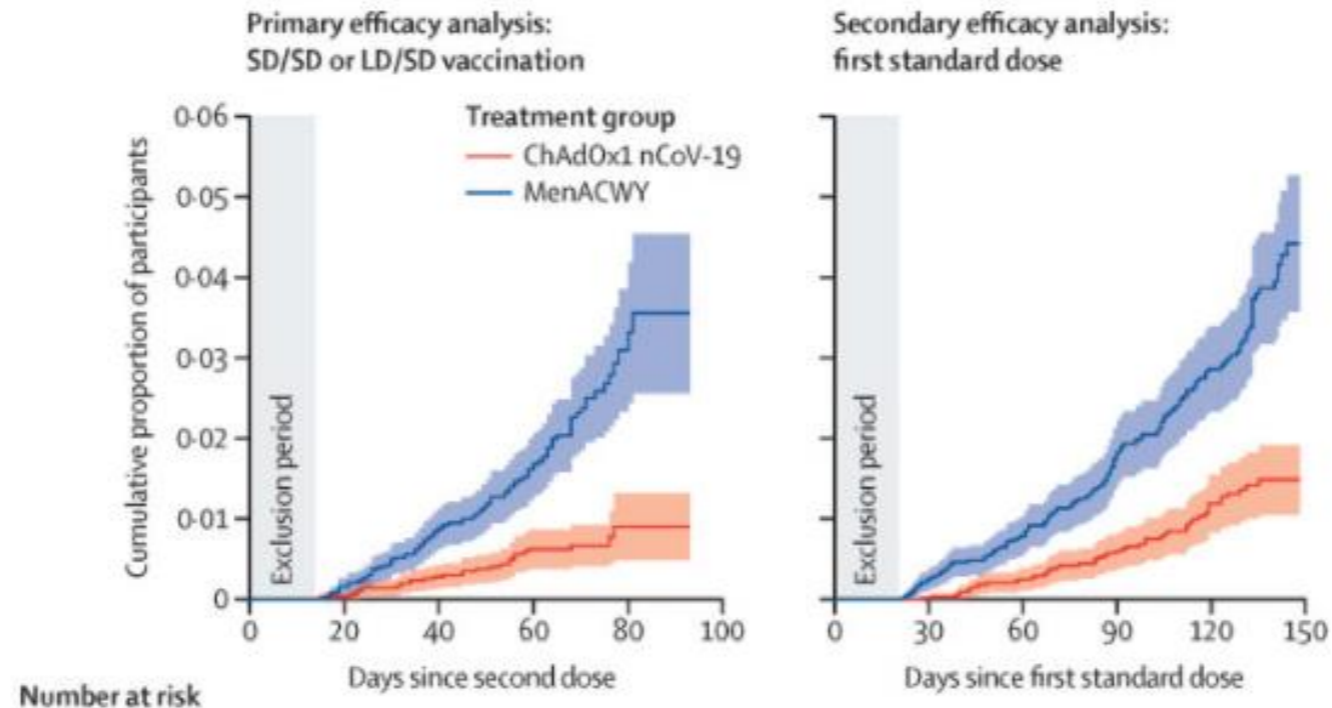
* Some trials are ongoing and findings have not been peer-reviewed. Efficacy may differ with new Covid-19 variants.

** ChAdOx1 nCoV-2019 efficacy climbs to 90% with a second dose. JNJ's U.S. efficacy was 72%. Coronavac data based on Brazil trials.

Sources: Respective companies, The Lancet, Butantan Institute

Essai de phase 3 du vaccin AZ sur 11 000 personnes

**30 cas dans le groupe vacciné contre
101 cas dans le groupe témoin**



Risque de thrombocytopénie immunitaire prothrombotique induite par le vaccin » (TIPIV)?



At its most recent meeting on 7 April, 2021, the subcommittee reviewed latest information from the [European Medicines Agency](#) along with information from the [United Kingdom's Medicines and other Health products Regulatory Agency \(MHRA\)](#), and other Member States and noted the following:

- Based on current information, a causal relationship between the vaccine and the occurrence of blood clots with low platelets is considered plausible but is not confirmed. Specialised studies are needed to fully understand the potential relationship between vaccination and possible risk factors.
- The GACVS subcommittee will continue to gather and review further data, as it has done since the beginning of the COVID vaccine programme.
- It is important to note that whilst concerning, the events under assessment are very rare, with low numbers reported among the almost 200 million individuals who have received the AstraZeneca COVID-19 vaccine around the world.
- Rare adverse events following immunizations should be assessed against the risk of deaths from COVID-19 disease and the potential of the vaccines to prevent infections and reduce deaths due to diseases. In this context, it should be noted that as of today, at least 2.86 million people have died of COVID-19 disease worldwide.

Common mild side effects after getting a COVID-19 vaccine may include:

Soreness or redness around injection site



Mild fever



Tiredness



Headache



Muscle or joint aches



You can manage these side effects with rest and taking medicines for fever and pain, if needed.

Quel choix ferez-vous ?




Pour en savoir plus sur les principes de base de COVID-19, cliquez ici.



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COVID-19: Vaccines To Prevent SARS-CoV-2 Infection



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Senior Medical Officer
DHMOSH Public Health

Staff Union Townhall
26 Jan 2021

<https://youtu.be/hcs2Esr0CFQ>



Pour toute question, veuillez contacter
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