



Unite
against
COVID-19

COVID-19 Vaccination information for people with disabilities

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DISCLAIMER

- We are here to TRY and answer your questions
- We do not have all the answers
- We know that there are questions that are worrying many people about access to vaccination, and we will not be able to answer some of those questions
- We are not here to judge anyone

SUMMARY

- What is a pandemic?
- What is Covid-19?
- Covid-19 Vaccination
- Consent

So what is a pandemic?

- Endemic – the level of a disease usually present in a particular geographical area e.g. Dengue fever in the Pacific Islands
- Outbreak – a local increase in a disease
- Epidemic – the level of a disease is much more than expected
- Pandemic – widespread disease affecting many countries

Pandemics in history

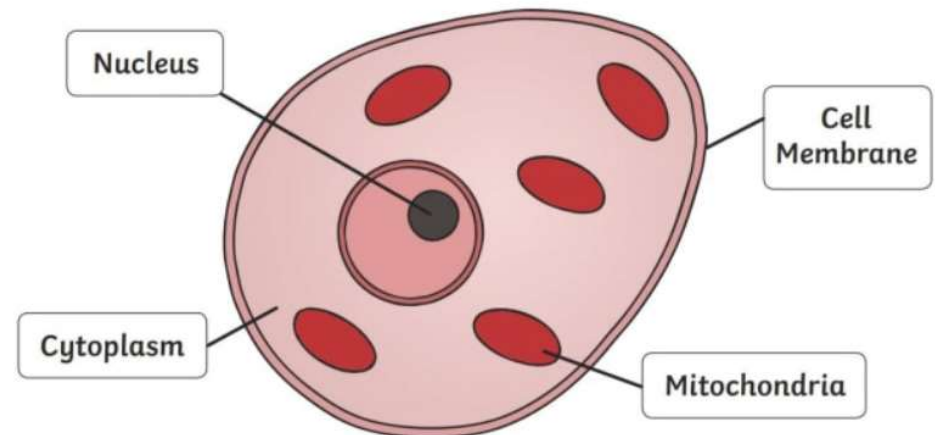
- Antonine plague 160-185 AD – probably smallpox – 5M deaths
- The Black Death 1347-1451 – bubonic plague – 200M deaths
- “Spanish” Flu 1918-1919 – 40-50M deaths
 - 9000 people died in late 1918 over 6 weeks in New Zealand
- HIV/AIDS 1981 ongoing – 25-35M deaths
- SARS 2002-2003 – 770 deaths
- Swine Flu 2009-2010 – 200,000 deaths
- Covid 19 2019 ongoing – 4.007M deaths and 185M cases at 07/07/21
- <https://www.visualcapitalist.com/history-of-pandemics-deadliest/>



Christchurch – December 1918

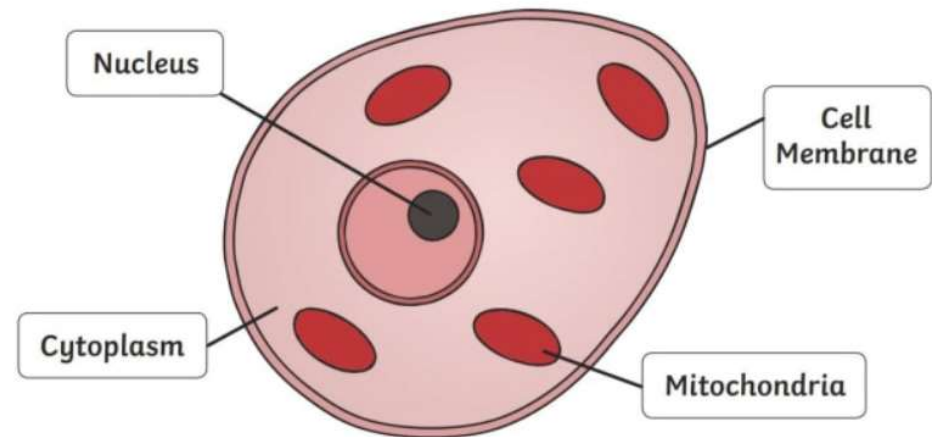
So what is a cell?

- Cells are the tiny building blocks which make up all living things – plants and animals.



So what is a cell?

- Nucleus – contains the plan (the genetic code) for everything the animal/plant needs to do
- Mitochondria – provide power
- Cytoplasm – other bits and pieces including organelles that can make proteins
- Cell membrane – holds the cell together – the cell's skin!

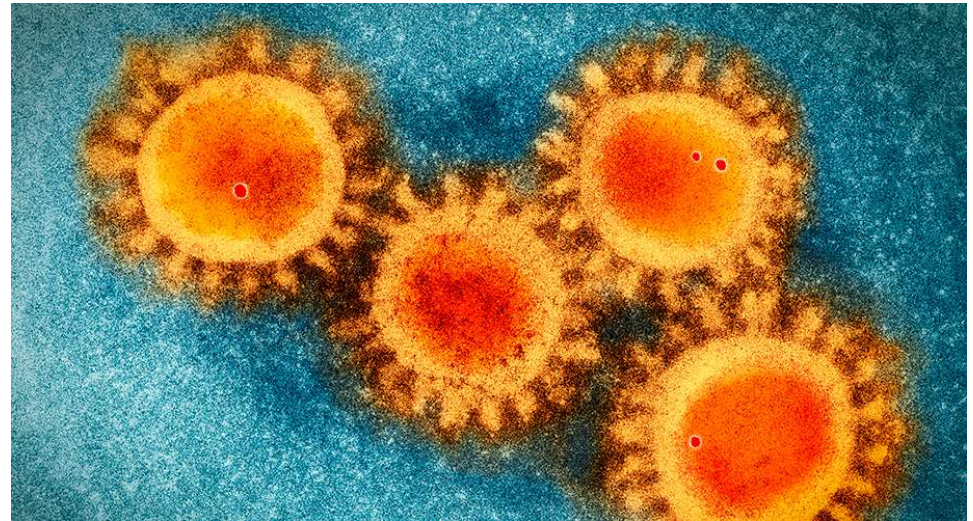


So what is a virus?

- A very small box containing the genetic code to make copies of itself
- It is not a cell because it cannot function by itself
- It is not a bacteria like the bugs that cause illnesses like food poisoning and TB
- It can only multiply when it is inside a cell of a living organism

And what is coronavirus?

- A virus particle containing RNA genetic code
- One of the coronavirus group – named for the spikes that look like a crown
- Many viruses in this family
- A SARS-CoV-2 virus particle measures between 50-140 nanometers. That is about 3000 times smaller than a grain of salt!



Vaccine history

- Remember smallpox – the Antonine plague that killed all those Romans?
- Smallpox remained a major problem for centuries
- Edward Jenner (1749-1823) was a country GP in England
- He noticed that the milkmaids who worked with cows did not catch smallpox
- He used the fluid from cowpox blisters to vaccinate people and showed that they did not get smallpox
- Last natural outbreak of smallpox was in US in 1949
- In 1980 WHO declared smallpox had been eradicated

What is a vaccine

- The body produces antibodies in response to an infection
- A vaccine is designed to produce antibodies to a specific serious infection
- Vaccines come in different types:
 - An inactivated (killed) form of the infectious agent (germ)
 - A live attenuated vaccine – the germ is grown in the lab in a way that makes it safe
 - Toxoid vaccines – the chemical that the germ produces is used as a vaccine
 - Recombinant vaccines – use part of the germ as a vaccine
 - mRNA vaccines
 - Viral vector vaccines

<https://www.hhs.gov/immunization/basics/types/index.html>

Why vaccinate?

- People are 17 times more likely to die from Covid than from seasonal flu
- About 500 people die each year in NZ from influenza – so we might expect that if Covid became endemic in NZ – 8500 people would die from Covid each year
- Experts are now predicting that the global pandemic will last between 3 and 5 years
- New strains are a major hazard

Impact of Covid-19 in people with disability

- People with disability are more likely die from disability than their non-disabled peers
- UK data (England only) from 24 January 2020 to 20 November 2020
 - Total Covid related deaths 50888
 - Any disability Covid related death 30296 – 59% of total
 - Severe disability Covid related death 15388 – 30% of total

<https://www.ons.gov.uk/peoplepopulationandcommunity/birthsdeathsandmarriages/deaths/datasets/updatedestimatesofcoronaviruscovid19relateddeathsbydisabilitystatusengland>

GPs to prioritise vaccination of people with LD (UK), Iacobucci, BMJ 2021 <http://dx.doi.org/10.1136/bmj.n510>

The vaccination programme

Q. Which Vaccine is NZ using?

A. The Pfizer-Biontech vaccine (also known as the Pfizer or Comirnaty vaccine)

- Active ingredient - nucleoside-modified messenger RNA (modRNA) encoding the viral spike glycoprotein (S) of SARS-CoV-2
- In a lipid (fatty) envelope
- Plus some salt solution to keep the vaccine at the correct pH
- NO preservatives and NO mercury or any of those other chemicals that people worry about being added to vaccines

Note that several of the vaccines have more than one name

The vaccination programme

Q. What are the side effects of the vaccine?

A. Common side effects

- pain or swelling or redness at the injection site
- feeling tired or fatigued
- headache, muscle aches, joint pain
- fever

Uncommon side effects

- In the clinical trials, less than 1 in 100 people reported side effects such as feeling unwell and itching at injection site

More information on side effects is available at

<https://www.health.govt.nz/our-work/diseases-and-conditions/covid-19-novel-coronavirus/covid-19-vaccines/covid-19-vaccine-side-effects-and-reactions>

Q. Is it safe?

A. Safer than crossing an Auckland road

More Q and A

Will there be enough vaccine for everyone?

Will we get it “on time”?

How will vaccines be delivered and by who? Where?

Who will be offered vaccine? – everyone over 16 years of age including non-residents and overstayers – their information will be kept confidential i.e. not go to Immigration.

12-16 year olds will be offered vaccine – details of roll-out to this group expected in the coming weeks.

Does it work?

WORLD

Covid 19 coronavirus: Nearly all Covid deaths in US are now among unvaccinated

25 Jun, 2021 06:36 AM

🕒 5 minutes to read

- An Associated Press analysis of available US government data from May shows that “breakthrough” infections in fully vaccinated people accounted for fewer than 1,200 of more than 853,000 COVID-19 hospitalizations. That’s about 0.1%.
- <https://www.nzherald.co.nz/world/covid-19-coronavirus-nearly-all-covid-deaths-in-us-are-now-among-unvaccinated/BNYDHJ4X6WJW6PISIC7UYNEADQ/>

Where to get vaccinated

<https://immunisation.northernregion.health.nz/#where-to-get-vaccinated>

Vaccination centre locations for those who have received an invitation to be vaccinated.



Northland Vaccination Centres +

North Auckland Vaccination Centres +

West Auckland Vaccination Centres +

Auckland Central Vaccination Centres -

Auckland CBD Vaccination Centre
📍 Elliott Rooms, Level 4, Atrium Building, 128 Albert Street, Auckland
Mon-Sun: 8am-6.30pm
Enter the Atrium shopping centre on Elliot St. Take lifts to L4. Turn left when exiting lifts.

Mt Wellington Vaccination Centre

East Auckland Vaccination Centres +

South Auckland Vaccination Centres +

General Practice (GP) Vaccination Centres +

Pharmacy Vaccination Centres +

Consent

- Everyone who receives the Covid vaccine will need to have given informed consent. What does this mean?
 - You are provided with information that is relevant and given in a way that you understand
 - You can ask questions and expect honest answers that you can understand
 - You will be treated with respect
 - You can refuse the vaccine

<https://www.mcnz.org.nz/assets/standards/79e1482703/Statement-on-informed-consent.pdf>

Consent

- No signature is required for a vaccination as it is not:
 - An experimental procedure
 - Research being conducted on the person
- It is recommended that everyone who is eligible for vaccination receives the vaccine to protect them

Consent

- The issues are complex for people with disability
- People with disability range from people who are able to understand the pros and cons of vaccination to those who are completely unable to understand
- If your daughter/son will not understand the information about the vaccine
 - You can assist them with supported decision making
 - Or you can give consent for them

[https://www.health.govt.nz/system/files/documents/pages/covid-19_vaccine - decision making tool - easy read.pdf](https://www.health.govt.nz/system/files/documents/pages/covid-19_vaccine_-_decision_making_tool_-_easy_read.pdf)

https://www.peoplefirst.org.nz/easy-read-information-about-covid-19/?mc_cid=3c5fc17e00&mc_eid=9625535851

<https://www.healthcarenz.co.nz/service/explore-specialist-advice/preparing-for-the-covid-19-vaccination/>

Consent for those unable to provide their own consent

- If a Welfare Guardian Order is in place the Welfare Guardian can provide consent.
- We know that many adults with severe disability do not have a Welfare Guardian Order in place.
- Covid-19 vaccination is deemed best practice, so if no one else is able to consent, a health professional may consent on the person's behalf.
- It is important to document the process used for obtaining consent.

**Application of Right 7. 4. c of the Health & Disability Code of Rights
Person who needs support to consent to COVID-19 vaccination**

Guideline A

Person whose understanding of language is **limited to routines and simple language** and whose needs are interpreted by watching their **facial expressions or body movement**

Guideline B

Person whose understanding of language is **limited to routines** And are **aware of change**. Use of language is purposeful and can communicate using **body language or facial expression**.

Guideline C

Person who is **aware of time** and will understand their **schedule and changes** made to it. Can **communicate their concern/ frustration/ distress** to staff and require support to **manage the volume of information** they can manage

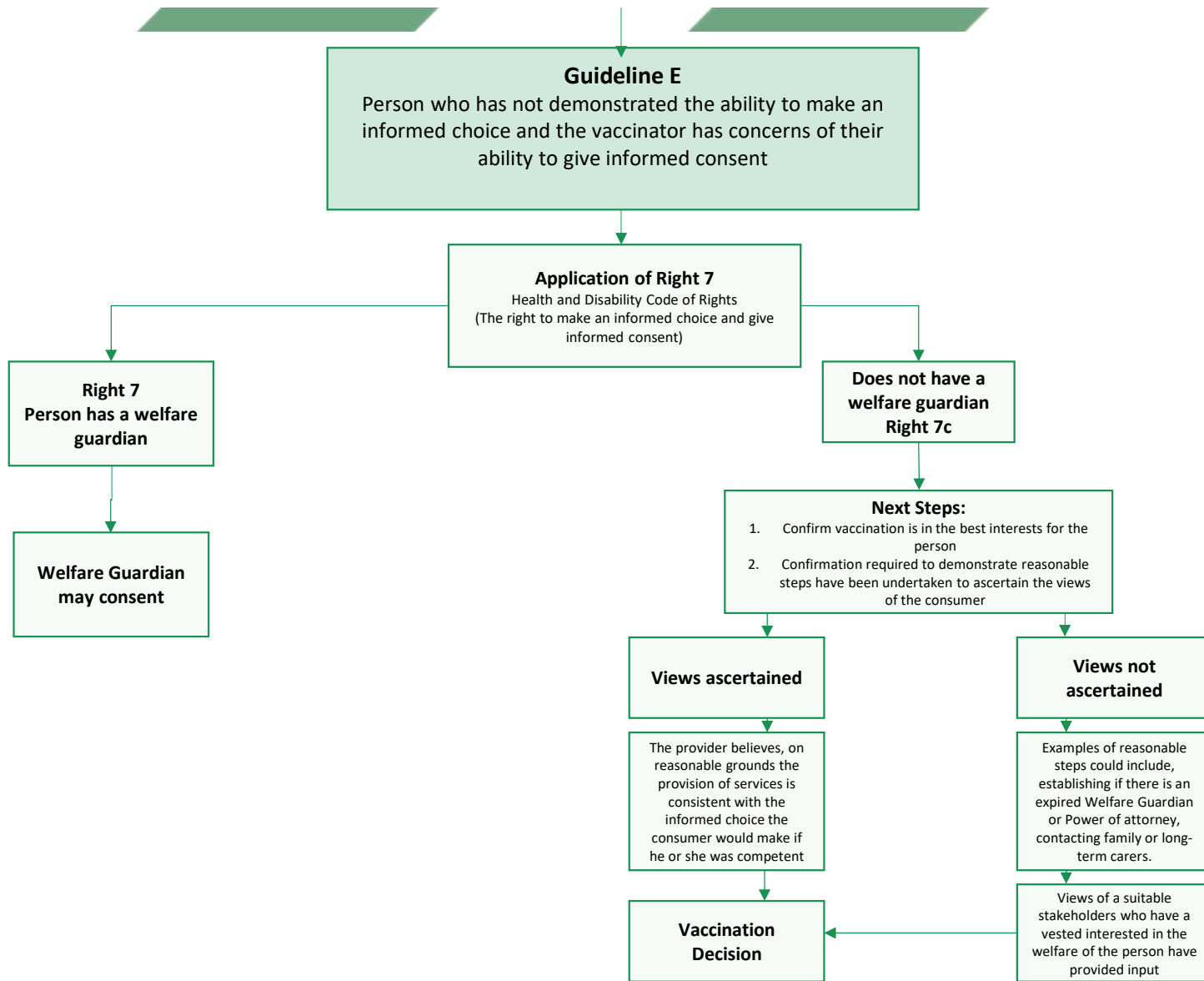
If Unsuccessful SDM application

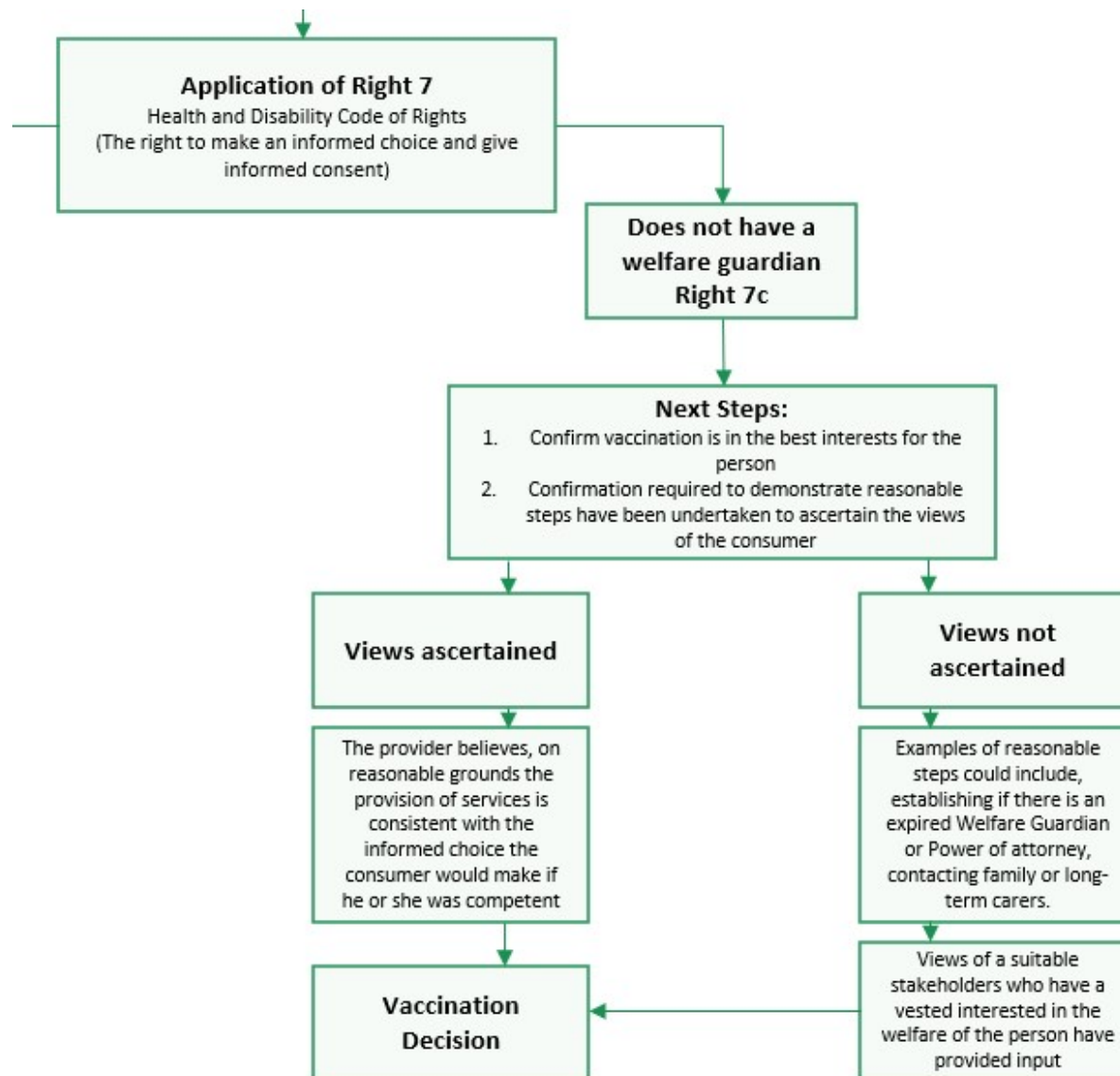
Guideline D

Person who has **not demonstrated the ability to make an informed choice** and the vaccinator has concerns of their ability to give informed consent

Supported Decision Framework and Social Stories applied

Continue Overleaf





COVID-19 Vaccination – Confirmation of consultation where views of consumers have not been ascertained

Customer name	
NHI Number	
Address	
Support person present at vaccination	
Guardian / Enduring Power of Attorney	Yes <input type="checkbox"/> No <input type="checkbox"/>

If YES to Guardian / Enduring Power of Attorney please record via COVID-19 Vaccination consent form

DRAFT

If NO to Welfare Guardian

Statement: Its is the view of the below suitable persons consulted, who are interested in the welfare of the person, that a vaccination is in the best interest of the person.

	Name	Relationship	Views
1			
2			
3			
4			

FAQ

- My daughter/son is scared of needles but I really want them to have the vaccine. What can I do?
- The Ministry of Health has resources to help explain the process
- Write a Social Story
- Offer a reward



FAQ

- What if my son/daughter has a reaction to the vaccine?
- Minor reactions such as feeling a little tired are relatively common
- If you think there is a severe reaction you should consult your doctor and get urgent medical help
- You, or your doctor can make a report to CARM
- <https://nzphvc.otago.ac.nz/reporting/>

The logo for CARM (Central Adverse Reaction Monitoring) features the letters 'C', 'A', 'R', and 'M' in a blue, sans-serif font. The letter 'A' is stylized with a red lightning bolt shape passing through it.

Health Professional



COVID-19 Vaccine Adverse Reactions



Consumer/Patient

FAQ










- The vaccine was developed really quickly. So is it really safe?
- Scientists have worked together to develop several vaccines.
- There has been extensive testing and several million people have now received the Pfizer vaccine.
- Usually the approval processes are slow. For the Pfizer vaccine the processes have run at the same time.

LAST WORDS










- The virus cannot mutate (change to a new strain) if it is not in a human (or animal) host
- New strains will continue to emerge as long as there are people with active infection anywhere in the world – “we are not safe until everyone is safe”
- It is likely there will be an annual booster – vaccine may need “tweaking” for new strains

QUESTIONS?

Latest data from Wikipedia

Location	Cases ↓	Recovered	Deaths
 United States	33.7M +5,371	-	605K +41
 India	30.6M	29.8M	403K
 Brazil	18.8M +22,703	16.7M +93,078	525K +695
 France	5.79M +3,585	-	111K +34
 Russia	5.57M	5.02M	136K
 Turkey	5.45M	5.32M	49,959
 United Kingdom	4.93M +27,100	-	128K +9
 Fiji	6,513	1,287	33
 New Zealand	2,758	2,696	26

Latest data from Wikipedia - + indicates cases reported previous day

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