



# **Position Paper**

**Committee: World Health Organisation**

**Topic: Discussing the vaccine for pandemic as a whole (pricing and timeline in countries)**

**Country: Israel**

31 December 2019, Wuhan Municipal Health Commission, China, reported a cluster of cases of pneumonia. A novel coronavirus was eventually identified. 11 March 2020, deeply concerned both by alarming levels of spread and severity and by the alarming levels of interaction, WHO assessed that COVID-19 can be characterized as a pandemic.

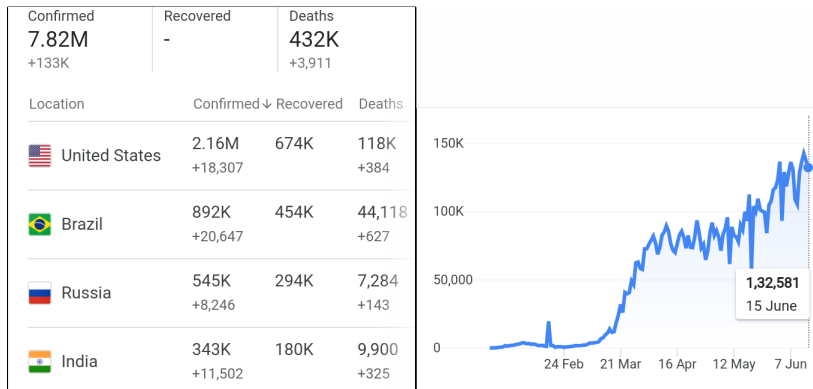
There are no drugs or other proven therapeutic options to prevent or treat COVID-19. Current clinical management includes infection prevention, supportive medical care including supplemental oxygen and mechanical ventilatory support when indicated.

The first case in Israel was confirmed on 21 February 2020, when a female citizen tested positive for coronavirus disease 2019 at the Sheba Medical Center after return from quarantine on the Diamond Princess ship in Japan. As a result, a 14-day home isolation rule was instituted for anyone who had visited South Korea or Japan, and a ban was placed on non-residents and non-citizens who were in South Korea for 14 days before their arrival.

Vaccination for COVID-19 is an important task for the whole world and we think as to save humanity, we all are working together to develop this vaccination. Vaccination is very much needed to control the mortality and spreading of this disease. We are a leading country in developing a vaccination, at a low cost. The record showed that we have always given help in developing a cheap vaccination.

The investigation of a cluster of COVID-19 in Beijing associated with a wholesale market continues. As of 14 June, 16:00 (CEST+6), Chinese authorities reported a total of 77 cases since 11 June, including 2 linked cases in Liaoning Province. We have total confirmed cases till 14 June is 320 922 Total confirmed, new cases are 11 929, Total deaths are 9,195 Total new deaths is 311, Transmission classification in Clusters of cases is 0 A vaccine activates our immune system without making us sick. Many dangerous infectious diseases can be prevented in this simple and effective way

Today, there are 7.69M confirmed cases of coronavirus from which 428K are dead already.



Researchers striving to develop a coronavirus vaccine are working with different approaches, including:

- whole virus vaccine
- recombinant protein subunit vaccine
- antibody vaccine
- nucleic acid vaccine

*Hindrance in making the vaccine of coronavirus:*

1. Viruses mutate very quickly. Made up of ribonucleic acid (RNA), as this genetic material exists on a single strand, unlike a double-stranded DNA, it easily gets cut up and remixed once broken. This enables viruses to mutate quickly, meaning that any cures or vaccines made for a specific RNA may quickly become obsolete.
2. Cost is another challenge in making the vaccine of the coronavirus. *When will it be ready?*

Projections for how long it will take to develop a coronavirus vaccine vary widely, depending on whether the person projecting is a scientist, politician, or businessperson.

However, based on their knowledge and experience, scientists say that developing a coronavirus vaccine:

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- could take at least a year
  - might not be possible during the current outbreak
  - could take 12–18 months

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**Phases in manufacturing a safe vaccine:**

A vaccine must complete the following series of clinical trials:

**Phase I:** This evaluates the vaccine's safety and ability to generate an immune system response in a small group of people.

**Phase II:** This tests many people, possibly hundreds, to determine the right dosage levels.

**Phase III:** This tests thousands of people to analyze the safety and effectiveness of the drug.

**Price-line of vaccine:**

The price in Israel is expected to be substantially lower than the global one as in cases of other vaccines like MMR, (measles, mumps, and rubella), which are available at over 10 times the India price in countries like the United Kingdom.

**Country's national policy to deal with the issue:**

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- Choosing the right strategy

Israel's strategy to close its borders to outside travelers in early March and take aggressive measures to lock down the country was not a given.

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- Tracking the spread: AI and tech

The real hero here is artificial intelligence (AI), which helped track those who were infected by the virus as a tool for limiting exposure. Israel's use of data was key in helping stop the spread of the virus.

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- Quick action with centralized decision-making

Israel closed its borders quickly and acted as if the country had a contingency plan for a pandemic. Israel was ready mentally and had the infrastructure to close large parts of the country to battle the virus.

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- Using a variety of solutions

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Putting aside the race for a vaccine, some of the innovations that entrepreneurs created included the contact-free kiosks Israel developed for testing or this device that purifies hospital air.

***Treaties signed by the country:***

Israel has signed with Moderna Inc for the future purchase of its potential COVID-19 vaccine should the company succeed in its development

The 193-Member General Assembly adopted the Mexico-drafted resolution 'International cooperation to ensure global access to medicines, vaccines, and medical equipment to face COVID-19' by consensus. Pakistan was among the small minority of nations that did not sponsor the resolution.

We were among the 179 nations co-sponsoring the resolution that called for ensuring "fair, transparent, equitable, efficient and timely access to and distribution of preventive tools, laboratory testing, reagents, and supporting materials, essential medical supplies, new diagnostics, drugs and future COVID-19 vaccines" to all nations, particularly developing countries.

While Israelis and Palestinians are cooperating in unprecedented ways to combat the expanding COVID-19 pandemic, Israel must do more to safeguard the health of all people under its control.

***Collaboration***

India and Israel have been incessantly cooperating with each other in keeping their citizens safe. Due to Indian government's move to impose a nationwide lockdown to prevent Coronavirus from spreading further, several hundred Israelis were left stranded in India. With a joint effort of Israeli Embassy and Government of India, Air India was assigned the task to evacuate the Israeli nationals from India, back to Israel.

***Recommendation of the country:***

During this crucial time, we should work together leaving any kind of despair, fight, and complications. The world needs to be united.

Even though there are tensions over the west bank between Israel and Palastine. However,

we acknowledge that Israel's and Palestine's political disagreement about the independent control over West Bank remains an impediment to the profound vaccine of coronavirus and hopes to bilaterally talk to improve the unity within the two nations as to strengthen the security of each country.

### **Our Goals**

The country has engaged defense contractors, doctors, engineers, scientists – and most of the senses – in its battle against the coronavirus.

The national undertaking is for the first time linking up major hospitals and research institutes with Israel's vaunted high-tech sector and its military-industrial behemoths.

Red tape, institutional rivalries and cronyism can stand in the way of a unified, rapid response to a crisis. But Israel quickly set up a national task force and dozens of teams with hundreds of scientists, engineers, doctors, executives, government officials and military officers all working toward the same goals.

### **Conclusion**

In conclusion, we hope any country that gets triumph in achieving the vaccine will have only one objective i.e. to treat this disease and not to make money at this critical situation. We are pure heartedly ready to contribute our best in making the world coronavirus free.

Source: [Wikipedia](#), [www.pharmaceutical.com](http://www.pharmaceutical.com), [www.englishkyodonews.net](http://www.englishkyodonews.net), [in.reuters.com](http://in.reuters.com),  
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