

בסייעתא דשמיא
Sivan 5781

The vaccine

2



REFUAH
V'CHESED
רפואה וחסד

Clinic and Advocacy



From the very first moments that any of us heard about this new virus from China, the first question was always "What about a vaccine?"

That's how it is in today's modern world. For a disease we try to find a medicine, and for a virus we look for a vaccine.

And that's exactly what happened. In the months between March of 2020 when the virus first hit our North American shores until the following December when the first effective vaccine was approved for use, that's all anyone spoke about.

Now, when the mission to vaccinate everyone is already in full swing, and millions around the world are receiving the vaccine every day, many of us have started to wonder:

vaccine so fast?

Is it possible that in an effort to roll out a new vaccine as soon as possible and end the pandemic, corners were cut, and shortcuts taken? Doesn't it usually take years for a new vaccine to be proven safe?

How can I be sure that the vaccine is safe for me?

Come, let us take a walk in the corridors of the medical world and discover the procedures involved in producing a vaccine under normal circumstances. Let us learn about what happens normally and what happened now that allowed us to roll out a new vaccine faster than any time in history.

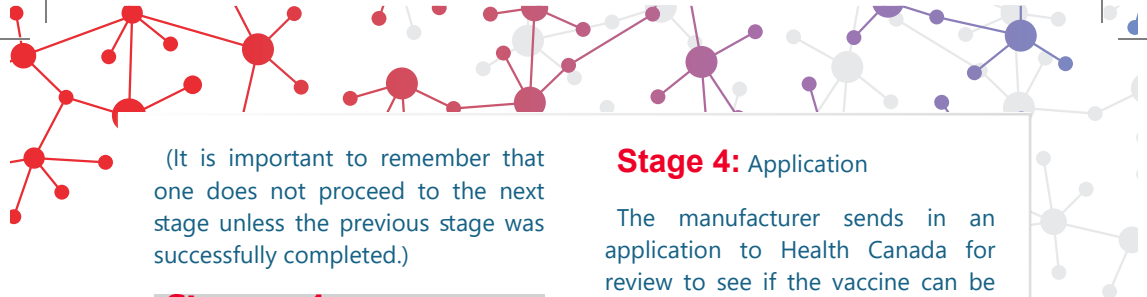
To understand all this, we first need to know the normal stages that a vaccine goes through from when it is first developed until it is approved for use here in Canada.

So Fast? How?



How in fact, were we able to produce a new

The process is divided into 9 stages:



(It is important to remember that one does not proceed to the next stage unless the previous stage was successfully completed.)

Stage 1: Research & Development

Scientists first work hard to understand the genetic makeup of the virus. Then they work on developing a vaccine that can work to fight it.

Stage 2: Pre-Clinical Trials

The vaccine is tested in controlled lab tests and later on animals to see if it is at all possible and safe to test on humans.

Stage 3: Clinical Trials

This is divided into 3 phases:

Phase 1: The vaccine is tested on tens of volunteers. It is then observed to see if the vaccine is safe, what the correct dosage is and also if there are any side effects.

Phase 2: The vaccine is then tested on hundreds of volunteers. It is then observed how well it works, what is the safest and most effective dose to give, and if it's safe to use on a large number of people.

Phase 3: The vaccine is tested on thousands of volunteers. At this point scientists can get a better picture to see if the vaccine does in fact work to fight against the virus. They also have a better idea about what the possible side effects are.

Stage 4: Application

The manufacturer sends in an application to Health Canada for review to see if the vaccine can be approved for use in Canada.

Stage 5: Scientific Review

Health experts within Health Canada conduct their own thorough investigation and analysis of all the data.

Stage 6: Approval

If found to be effective and if it meets the production safety standards, the vaccine will be approved for use.

Stage 7: Distribution

The government coordinates the purchase and all the logistics surrounding the distribution of the vaccine.

Stage 8: Vaccination


All Canadians can get access to the vaccine.

Stage 9: Overview

Constant overview and data collection to establish the safety of the vaccine from those who have already been vaccinated.

This is the standard procedure for every new vaccine.

And yes, the new Covid-19 vaccines completed every single stage in its entirety.



Normally, this procedure takes years.

It has taken most vaccines between 10 to 15 years to complete every stage. The fastest vaccine in history, up until now, was the MUMPS vaccine in 1967 which took 4 years to complete all stages.

**So, the question remains;
how was it possible
in less than 1 year, to
complete all the stages
and roll out a vaccine and
is it even possible to be
sure that it is safe?**

There are two answers to this question. The first answer follows a commonly used phrase: 'If there's a will there is a way'. The second answer is: Funds.

With most vaccines, these two factors were not present, but here they were out in full force for obvious reasons.

Normally, a vaccine is produced by one company. No matter how big, rich and sophisticated this company is, they are still limited with how much time and money they can invest in any given project at any given time. They all have a

limited number of laboratories and many research and development projects happening at the same time. Often, one project needs to wait until a different one is completed because of limited money and resources.

Also, finding volunteers for the clinical trials can take time, especially if you want to also test the vaccine on people previously infected with the virus. In addition, companies usually have to have the entire study completed before the government will even look at it. These, and other similar issues are what will normally slow down the procedure.

But this time things were different.

This pandemic affected the entire world like never before.

Finding an effective vaccine became the first priority for everyone, and everything else was put on hold. Almost every country was willing to invest unlimited amounts of money into finding a vaccine as quickly as possible. Thousands of scientists

**Let's all just say a kapitel tehillim
that the Borei Refuos should send
a complete refuah to all the Yidden
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among us.**

around the world worked together,

sharing information to help each other out in reaching this common goal.

This isn't the first virus that we've encountered from in the Corona family. Several institutions had already done a lot of research on it – they are just not usually willing to share information with other companies or scientists. But here, everyone worked together to get the virus under control so that the world can return to normal.

Finding volunteers for the clinical trials also wasn't a problem.

People all over the world were anxiously awaiting this vaccine and many were more than willing to help, including those who already had the virus. There was no shortage of volunteers for the trials and things were able to move quickly.

In addition, the Canadian government was involved throughout the entire procedure and didn't wait for everything to be completed to begin reviewing the data. They worked alongside the companies reviewing everything as the data became available.

In addition, it may seem that

the mRNA technology used in the vaccine is some new medical technology that was developed quickly in a panicked rush to end the pandemic. The truth is though, that scientists have been working on developing this technology for 20 years! It has gone through thousands of hours of research and trials. In fact, the company Moderna was founded in 2010 with the goal to research and develop the mRNA technology in vaccines. Their company name actually tells their story-Moderna.

All they really needed to do was to take the existing technology and adapt it to this particular virus, conduct the clinical trials - and B'Chasdei Hashem, have a vaccine!

Therefore, when you go get yourself vaccinated, you can be sure that you are doing the proper Hishtadlus. The vaccine has met all the required standards and has followed all the standard procedures just like any other vaccine. Let's all just say a kapitel tehillim that the Borei Refuos should send a complete refuah to all the Yidden around the world and that this pandemic should no longer exist among us.





Myths

and

Facts

AROUND THE **COVID VACCINE**

Myth: The vaccines have been approved for older people only.

Fact: The rules in Canada are as follows:

Pfizer- 12 years and up

Moderna- 16 years and up

Johnson & Johnson- 30 years and up

AstraZeneca- 45 years and up

Myth: I had Covid-19 already, therefore I don't need to take a vaccine.

Fact: As of now, there is not enough information available to determine how long the natural immunity remains in your body. Studies have shown that the number of antibodies lessen over time. On the other hand, studies have clearly shown that people who have received the vaccine after battling Covid-19, have experienced no harm.

There is a practical reason as well, as the government will lessen the Covid restrictions and lockdowns when a majority of Quebecers are vaccinated. The quicker more people get vaccinated, the quicker life will return to normal.

Myth: The Covid-19 Vaccine will change a person's DNA.

Fact: The Moderna and Pfizer vaccines are remarkable in their effectiveness. mRNA vaccines are a new type of vaccine to protect against infectious diseases. To trigger an immune response, many vaccines put a weakened or inactivated germ into our bodies. Not mRNA vaccines. Instead, they teach our cells how to make a protein—or even just a piece of a protein—that triggers an immune response inside our bodies. That immune response, which produces antibodies, is what protects us from getting infected if the real virus enters our bodies.

DNA lies in the inner nucleus section of the cell, and the material for the virus in the vaccine doesn't reach that part of the cell. If the material injected during vaccination doesn't reach the DNA, it would be impossible to change it.

Myth: The Covid-19 vaccine may cause death.

Fact: There are no deaths related to the mRNA vaccines, nor is there any scientific and medical proof to support that claim. The Viral Vector did cause about 3 recorded deaths, but the extensive research done thereafter proves that it is only detrimental to young individuals. The government is therefore offering the vaccine to people over 45 years only.

Also, in any large group of people, medical problems will crop up. For example, let us assume that 400 out of 10,000 people suffer from migraine headaches every year. Now let us say we vaccinate those 10,000 people, will 400 of them still suffer migraine? Absolutely! Will those 400 people be correct in blaming the vaccine for their headaches? No, because those numbers are normal of part of life. They happen with the vaccine or without. We can't blame the vaccine just because it seems convenient.

We have no scientific or medical evidence to connect the mRNA vaccines after effects to any specific health issue and that is clear as day.

Myth: The side effects of the covid-19 vaccine are excruciating.

Fact: Across the globe, be it USA, Israel and Europe, thousands of heimishe yidden have already been vaccinated. They have all baruch hashem had great experiences, with no fatal or difficult aftermath. Rumors and assumptions spread easily. We have to stick to the facts. (see sidebar for the usual mild side

effects)

Myth: The vaccine causes infertility.

Fact: That is a false statement. Studies show that children born to mothers who have taken the vaccine during their pregnancy, are born with antibodies.

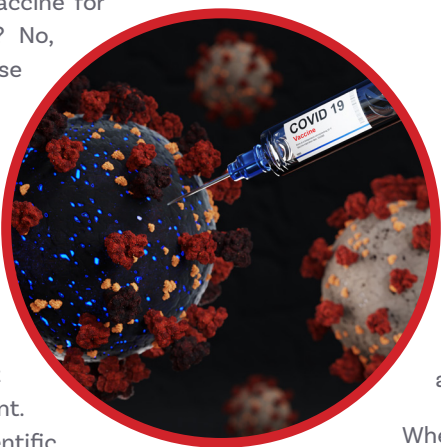
Myth: The vaccine may cause blood clots

F a c t : There is no connection between the mRNA vaccine and blood clots.

When looking at the the millions of vaccinated people, experts have found no evidence to suggest that the number of blood clot cases are higher amongst vaccinated people than any other group of people.

With the AstraZeneca vaccine, there has been 4 out of 1,000,000 cases found to have been fatal. Those cases caused a thorough examination, and the conclusion was that the vaccine was fatal only to young individuals, hence the government change to a 45 year age eligibility.

The J & J blood clot cases are



even lower with 1 fatal case out of 1,000,000 people who have taken the vaccine. After extensively examining this rare case, the age requirement was pushed to 30 years and up.

Percentage wise, these cases are extremely low and rare. AstraZeneca (0.000399%) J&J (0.000099%)

Since the viral-vector vaccines have a risk of causing blood clots - although it's very rare - it is therefore recommended to take the mRNA vaccine if possible.

When discussing blood clot risks, it is worth mentioning the following: blood clot risks with Covid-19 is 16.5% blood clot risk when smoking is 0.18%

Myth: The vaccine was produced too quickly. There must not have been a proper clinical trial.

Fact: The process of the

Myths and Facts

WHAT IS IN THE VACCINES?

The vaccines developed by Pfizer-BioNTech and Moderna contain mRNA as well as non-medicinal ingredients such as fats, salts, sugar and water.

The vaccine developed by AstraZeneca-Oxford and Janssen (Johnson and Johnson) contain a controlled and harmless version of the virus along with sugar, salts and stabilizers that help the vaccine work more effectively.

The role of non-medicinal ingredients:

Fats help the mRNA enter the cells. The fats are not derived from animals; they are produced in a lab or extracted from plants.

Salts help make the vaccine compatible with the cells of the body into which it is injected.

Sugars keep the vaccine stable while it is stored in a freezer.

Water for injection is used to create the vaccine solution.

Stabilizers help hold the ingredients together: they keep the vaccine components from separating and sticking to the vaccine vial. They also allow the oil-based ingredients to mix with the water-based ingredients.

The vaccines do not contain any products from humans or animals. They do not contain antibiotics, preservatives or known allergens such as latex, milk, gluten, etc.

Covid-19 vaccine was exactly the same as any other vaccine ever produced. It was determination and a hefty financial investment that brought such quick and efficient results. The vaccine development was done under the guidance of prestigious doctors and scientists from all across the world. These doctors have a duty to prevent any flawed medical vaccine or medication from going out to the public. With their reputations at stake, they will only produce a safe, effective product.

All the major countries had a vested interest in making the vaccine available as soon as possible, but only if the vaccine would actually help their citizens. They wanted to make sure it was safe and effective before it hit the streets. The clinical trial involved thousands of volunteers. They were given the shots and observed for 2 months thereafter. As of now billions of people around the world have been vaccinated with success. There is a record

of 60 % Israelis, over 17 million Canadians, thousands of homeless people all over the United States and hundreds of homeless people in Montreal, that have been vaccinated and are doing just fine. Nobody has reported any major difficulties.

Myth: We should not trust the doctors and medical institutions, because they don't seem to have our best interests at heart.

Fact: If you trust the doctor with medical questions regarding your child or your own health, why would this be different?

We trust your doctors regarding ear infections or G-d forbid something more serious, so we should accept their medical analysis of the effectiveness and safety of the Covid-19 vaccine.



Side Effects

to be Expected After Taking the
Covid-19 Vaccine

- Pain around the injected areas
- Muscle pain
- Fatigue
- Fever
- Headache

All these symptoms are perfectly normal and will disappear within a day or two. They are normal reactions of your body's immune system to the vaccine. You can take fever or pain medicine such as acetaminophen or ibuprofen to relieve them.

Since the viral-vector vaccines have a risk of causing blood clots - although it's very rare - it is therefore recommended to take the mRNA vaccine if possible.


In an unlikely event an allergy reaction may occur to a small percentage of individuals. If that happens moments after taking the vaccine, the doctors and nurses on sight have the right medications to deal with the reaction. Therefore, it is crucial to remain on sight for a minimum of 15 minutes after receiving the vaccine.

If you have any allergic concerns, talk to your doctor before taking the vaccine.

So what does Bonei Olam Say?



בוני עולם
BONEI OLAM



Various rumors and conspiracy theories are circulating with regard to the subject of vaccines. We address these elsewhere in this issue. One of the main causes of concern to many people, and particularly to members of our frum community, is that of vaccine induced infertility. In order to clarify this issue we contacted our renowned expert, Rabbi Hersh Meilech Feferkorn, whose experience is based in his work within the famous Bonei Olam organization in Montreal.

**Good day to you,
Rabbi Hersh Meilech!
How are you doing?**

Thank God very well. I'm grateful to be in the position of being able to help people.

**When and how did
you become involved
with the *Bonei Olam*
organization?**

About five years ago several local Rabbanim contacted me with the request that I assist childless couples who are desperate to have a family of their own. In the past five years we, at Bonei Olam, have been instrumental in helping hundreds of local couples to have a child of their own, B"H.

Before we get to the point, I must stress that the Bonei Olam organization is not here to tell anyone what to do and that we respect everyone's personal decisions. It just so happens that due to our daily involvement with infertility cases, we have access to information that we feel we are duty-bound to share with the public.

**Indeed, let's get to
the point. Now with
the novel COVID-19**

**vaccines, and
especially with its new
mRNA technology,
many people hesitate
to avail themselves of
it due to incomplete
or frankly false
information. Since
you are familiar with
the complex medical
details, what is your
opinion?**

In order to understand this, we must delve into the human body with its miraculous capabilities.

Everyone understands that what you see when you look at a whole person is the sum of many, many parts. Even a child knows that we have 248 limbs and organs and 365 nerves and sinews. Later we learn that each organ is itself composed of cells and other microscopic particles that are the building blocks of the body. A newborn baby has billions of cells, while an adult consists of trillions.

Cells have various functions in the body. The central and most important part of each cell is its nucleus, where the DNA is stored. Most people have



heard about DNA. This is the double-helix strand of genetic code containing 46 chromosomes that comprise the precise blueprint for every body part: its appearance, its function, and so on.

One of the main tasks of DNA is to produce proteins, an essential part of all living organisms. In order to function properly a person has tens of thousands of proteins, each of which has a particular job and is responsible for its own specific task in the human body. Human DNA contains a little more than twenty thousand genes, each of which produces different proteins for various parts of the body.

Every person has unique DNA. That's why we all appear different from each other, even from members of our own family. Only identical twins look alike, because they both have the exact same DNA. Since every individual has somewhat different genes from the next person, the proteins produced by these genes are also different from

the proteins produced by the genes of any other individual, causing them to look and behave differently.

DNA is locked inside the nucleus of each cell, however, the proteins are produced in the cytoplasm, which is the remainder outer part of the cell, the DNA cannot leave the nucleus, in that case, how can we say that the DNA produces the proteins?

For this, Hashem has provided a marvelous phenomenon, known as "messenger RNA", or mRNA, which is produced in the nucleus, and then exits the nucleus

and enters the cytoplasm and there it produces the required proteins. The mRNA acts as an instruction manual for the other parts of the cell to produce the proteins.



**Thank you for your
informative overview
of human genetics.
But what does it have
to do with COVID-19**

or the vaccine?

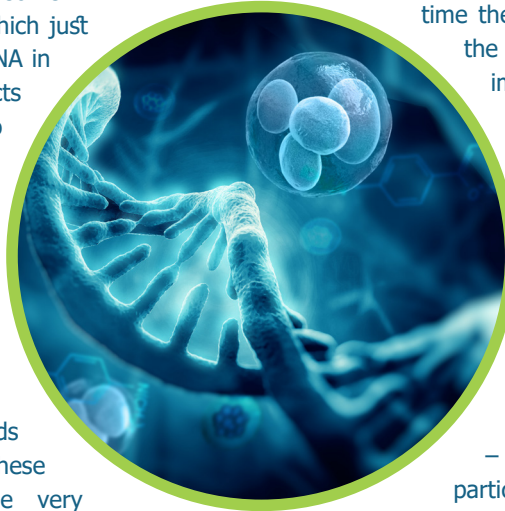
in order to understand this, we need to know what a virus is all about. A virus is actually a protein, though it's not a protein that a human being must have in order to live and be well. A virus is, in fact, an invader, a foreigner, and it does not belong in our body. The virus has some mRNA attached to it, which just like all other mRNA in our body, instructs the cell to produce more of the virus protein. The problem is that the cell begins to produce many copies of the virus protein, indeed, thousands of copies, these proteins can be very harmful to the host.

How does it ever stop?

This is where our immune system comes to the rescue. The immune system is constantly on the lookout for foreign invaders. When it recognizes the unwelcome virus, the immune system produces special proteins, known as antibodies, which

are mobilized to fight and destroy the enemy. However, it could take a while before the immune system identifies the enemy, and in the meantime the enemy can cause a lot of damage.

Our immune system is equipped with a phenomenal memory. Once it has identified an invading virus, it never forgets. The next time the person inhales the same virus, the immune system will block it from entering a cell and reproducing. This is the definition of immunity: the person is immune – protected – from that particular virus.



Now that we understand how mRNA and viruses work, can you please explain what is a vaccine and what is its function?

When vaccines were first invented,



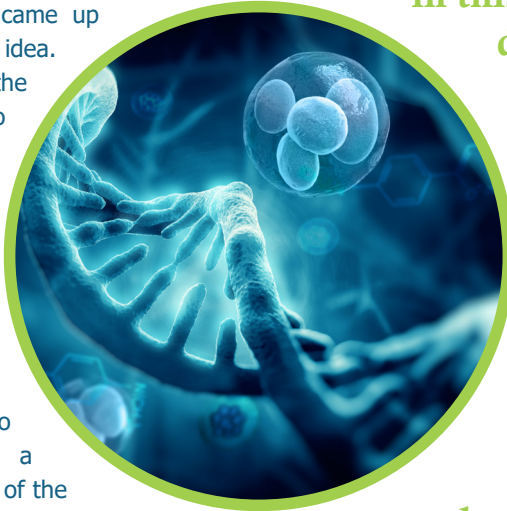
they were manufactured from the virus itself after it was mechanically weakened or disabled. When introduced into a person, the vaccine stimulated the production of antibodies without inducing the disease.

Two companies that are by now very famous, Moderna and Pfizer, recently came up with a novel idea.

Why use the actual virus to manufacture the vaccine, a lengthy and expensive process? Instead, they posited, let's use the viral code to manufacture a synthetic strand of the virus' mRNA, which when introduced into the human body will instruct the cell to produce some viral protein, which will then be attacked by the immune system, resulting in that person's immunity to the virus. These synthetic mRNA strands stays in the cell's cytoplasm, it never enters the nucleus where the DNA resides, because the nucleus is sealed, as we have previously mentioned. This type of vaccine is simpler, cheaper, and faster to manufacture than the usual

type of vaccine.

Let's get to the point.
Some people are claiming that vaccines can result in infertility.
Since you are involved in this area on a daily basis, surely you have come across this

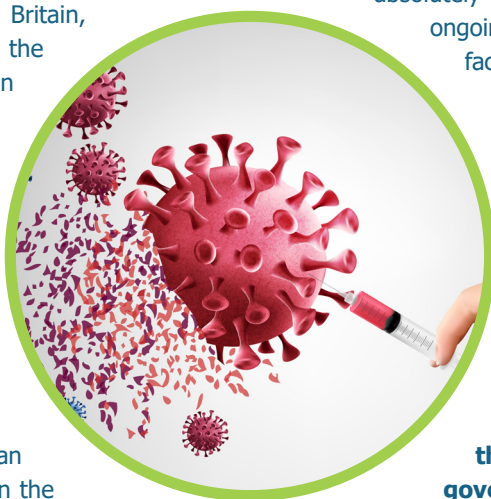


argument.
Can you please identify the source of these rumors? Why should anyone even make such a connection? Is there any substance to this claim?

I am really pleased that you are asking this question. It is of serious

concern to those involved. Allow me to explain.

This rumor was started by a man named Michael Yeadon, a former vice-president of Pfizer, Inc. For the past ten years he is no longer with the company. He is an outspoken denier of COVID-19. When deaths caused by COVID-19 totaled about 45,000 in Britain, he declared that the virus will soon “fizzle out” and Britons “should immediately be allowed to resume normal life.” Since then, the disease has unfortunately killed more than 127,000 people in the UK.



Michael Yeadon petitioned the British government to halt the Pfizer vaccine clinical trials because they can cause female infertility. His claim was publicized by Robert F. Kennedy, Jr. (a nephew of former U.S. president John F. Kennedy), an outspoken anti-vaxxer. A blog with an alarmist headline “Head of Pfizer Research: COVID-19 vaccine is female sterilization” was shared thousands of times. It was intended to

give the impression that the head of the company involved in the vaccine is privy to insider information, namely, that the vaccine results in awful unintended consequences. That’s all that was needed. Kennedy neglected to mention that this so-called “head of Pfizer research” had not set foot in the company for ten years and had absolutely no access to its ongoing research. In fact, when Yeadon left the company COVID-19 was still unheard of.

But surely he had to bring some proof to his statement before the British government? What was his argument?

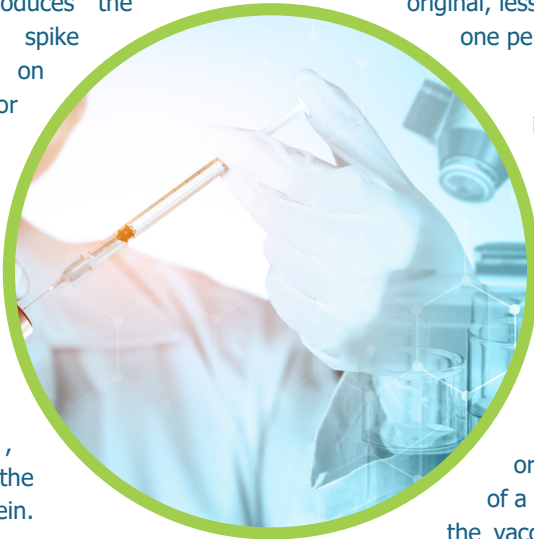
His argument was speculative, never a proven fact. He did not conduct a clinical trial of any sort to test the vaccine against a placebo.

What was his theory?

As previously mentioned, the human body possesses tens of thousands of proteins, each of which is responsible for a different task. One of these



proteins, known as Syncytin-1, is required for placental formation, rendering it vital for a successful pregnancy. A small section of the mRNA code that produces Syncytin-1 has some similarities to the mRNA code that produces the COVID-19 spike protein. Based on this, the rumor spread that the COVID-19 vaccine may cause the body's own immune system to target and attack Syncytin-1, mistaking it for the COVID-19 protein.



A reasonable argument! Is it based on truth?

Absolutely not! From a biological point of view, it's completely impossible. Our immune system is highly sophisticated and can detect the slightest variation in cell proteins.

We see this phenomenon clearly with all of the new "mutations" that abound. There's the African mutation, the Brazilian mutation, and more.

What's the difference between them all? Why should one worry that the vaccine will not protect us from all of these variants? The reason is that these mutations have a tiny bit of genetic code that differs from the original, less than $1/100^{\text{th}}$ of one percent.

99.99% is identical, and yet people are worried that the vaccine won't offer protection from the new strain that differs from the original by $1/100$ of a percent! (So far, the vaccine does seem to work against all of the mutations, because the differences are ever so slight). On the other hand, most of the genetic code of Syncytin-1 differs completely from the genetic code of COVID-19. It is inconceivable that the vaccine will cause our immune system to attack it. Indeed, the British government duly tossed out Yeadon's petition.

Moreover, if he is correct, this problem has nothing to do with the vaccine, anyone who gets the COVID-19 virus ought to be concerned about this

issue of the immune system attacking Syncytin-1, not taking the vaccine, which would result in the increased likelihood of contracting the virus naturally, does not avoid this issue.

Additionally, there is some preliminary data that includes women who became pregnant, albeit against medical advice, while participating in the vaccine clinical trials. The results are as follows:

Every research study divides its participants into two groups: the group that receives the actual vaccine is known as the experimental group, and the group that receives a placebo is known as the control group. Studies are conducted “blind”, which means that the participants do not know to which group they belong. They do not know whether they received the real vaccine or a placebo.

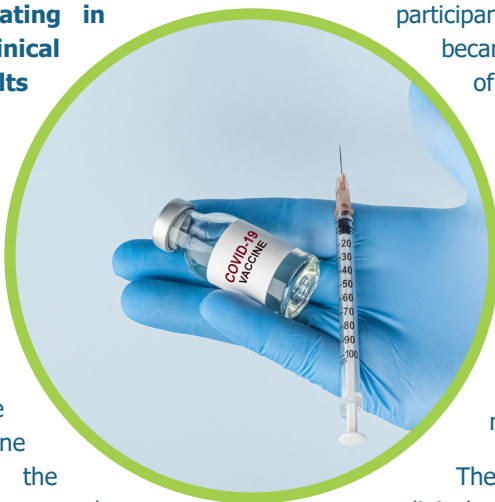
The Pfizer clinical trial included 18,846 participants in the control group. Twelve female participants in this group became pregnant, one of

whom miscarried. (Note: the rate of miscarriage in the general population is around 20%). Of the 18,860 participants in the experimental group, eleven women became pregnant and none of them miscarried.

The Moderna clinical trial included 15,170 participants in the control group. Seven female participants in this group became pregnant, one of whom miscarried. Of the 15,181 participants in the experimental group, six women became pregnant and none of them miscarried.

The AstraZeneca clinical trial included 5,829 participants in the control group. Nine female participants in this group became pregnant, three of whom miscarried. Of the 5,807 participants in the experimental group, twelve women became pregnant, two of whom miscarried.

In all 3 studies, there was no significant difference in the conception rate or miscarriage rate between the control group and the experimental





group.

The CDC has also come up with an app called v-safe, that uses text messaging and web surveys to provide personalized health check-ins after you receive a COVID-19 vaccination. The CDC requests that people participate in v-safe after receiving their COVID-19 vaccine, so that they might learn about possible adverse outcomes in order to improve the vaccine's safety. As of May 03, 2021, 106,241 participants self-reported being pregnant. Although all the above numbers are not official studies, at present the results are highly encouraging.

Have you discussed the vaccine with the doctors that you are in touch with under the auspices of *Bonei Olam*?

Certainly. As soon as the rumors began circulating I was inundated with phone calls from worried clients. We immediately contacted the physicians and clinics with whom we are affiliated, and they all confirmed that they had studied the problem and that they had concluded that there was absolutely no reason for concern that the vaccine causes infertility or

pregnancy loss.

In conclusion, what is your message to the public?

Decisions regarding vaccination must be based on reality and proven fact, and not on hearsay and conspiracy theories. We do not see any logical reason why the COVID-19 vaccine should result in infertility, and the preliminary numbers so far are encouraging. Everyone should make their personal decisions after consulting with their own trusted medical professional.

Thank you so much. R. Hersh Meilech, for your time. Hopefully your information will come to good use.

May Hashem help that we merit the speedy fulfillment of the blessing "and I will remove every ailment from your midst," and may no Jew ever again experience pain or suffering.

Amen.

Bonei Olam is an international non-profit organization assisting Jewish couple that are struggling with reproductive health related issues, if you or anyone you know might be in need of our services, please feel free to reach out to our local office at our 24 hour hotline at 514-612-6969.



The Doctors *Opinion*



April 29, 2021

Mr Hersh Feferkorn
Director of medical affairs
Bonei Olam

Dear Hersh,

As you know, it is rumored in our community that vaccination for covid-19 could affect fertility and thus, should be avoided for women trying to conceive.

Aiming to contradict this misleading information, it is important to share some recent scientific evidence:

- Covid-19 is potentially extremely dangerous to pregnant women. Hence, women of fertility age should be vaccinated. We should respect the recommendation of *American Society of Reproductive Medicine* stating that everyone, including pregnant women and those seeking to become pregnant, should get a covid-19 vaccine.
- Covid-19 vaccination earlier in pregnancy leads to better antibody transfer to baby.

Vaccination of pregnant women can be an important strategy to confer protection to neonates and young infants.

The vaccines are safe and effective to protect you and your baby, and the sooner you get it, the better.

Please share to our community this information.

Sincerely,

Dr Jacques Kadoch
Medical director
Clinique ovo



DR JACQUES KADOCH, MD

Dr. Kadoch is an associate professor at the Faculty of Medicine at the University of Montreal. He is currently Head of the Medicine and Reproductive Biology department at the Centre Hospitalier de l'University de Montreal (CHUM). He is also the Medical Director of the CHUM Reproductive Centre.

Dr. Jacques Kadoch is one of the co-founders of the ovo clinic where he serves as medical director of ovo labo and ovo r&d. Dr Jacques Kadoch has completed his medical studies at the Faculty of Medicine at the University of Pierre and Marie Curie in Paris before preparing for his medical examinations which he received in 1995. As senior resident of hospitals in Paris, he became chief of clinic in the service of Professor Rene Frydman, a pioneer with an international reputation in the modern treatments of infertility. For more than two years he obtained a solid theoretical and practical training in reproductive medicine and surgery. He was a teacher at the Faculty of Medicine, Paris XI. After this, he completed a fellowship in reproductive endocrinology and infertility at the University of Montreal. Dr. Kadoch has worked to improve patient care by helping the development of new techniques such as natural cycle IVF and In Vitro Maturation (IVM). His numerous scientific publications reflect his involvement in several research projects

He was the director of the university program of Gynecologic Reproductive Endocrinology and Infertility (GREI) and he is a committee member for examinations for the Royal College of Physicians and Surgeons of Canada in GREI.

Dr. Jacques Kadoch received in 2010, at the Congress of the Canadian Fertility and Andrology Society (CFAS), the Marinko M Biljan Memorial Award, presented to a fertility specialist to illustrate the excellence of its work in clinical research.

בס"ד



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The COVID-19 Jewish Community task force

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