



## Dr. Steve's Field of Vision

### **Natural immunity isn't better than vaccine immunity?**

That's what we are being told by leaders in the local medical community.

Seriously?

Here is a brief summary as to how your body responds to a viral infection:

1. When a virus finds its way into your body, it binds to your own cells, invades your cells and takes over the machinery of your cells to make more copies of itself. Those copies are released to infect yet more cells of your body.
2. Infected cells send out a "SOS" for help by releasing chemicals called cytokines to alert other immune system cells to the infection.
3. Special immune system cells circulating in your body known as T-cells and Natural Killer cells receive the "SOS" to a viral invasion and make their way to the infection site where they kill the cells that are hosting the virus.
4. At the same time the T-cells are killing the virus, they are also directing other special immune system cells, known as B-cells, to make antibodies. When we are exposed to the same virus a second time, the antibodies help prevent the infection. Other cells are produced by your immune system to "remember" the invading virus, called Memory T-cells, and those Memory T-cells can rapidly respond to a second exposure to the invading virus.

Now it is critically important to remember the following fact: steps 2-4 above also occur **WHEN YOU RECEIVE A VACCINE INJECTION!** The only thing that is different when you receive a vaccine is the method of delivery of the virus or its components that stimulate your natural immune response.

In the case of the Coronavirus vaccines, what is delivered to your cells is a genetic "recipe" to take over the machinery of your cells to produce Coronavirus spike proteins. The vaccines **DO NOT** provide a recipe for any of the other proteins found on the surface of the Coronavirus. Then, steps 2-4 above kick in.

Got it? Steps 2-4 are your body's immune response to a natural infection **AND** your body's immune response if you receive a vaccine.

So which provides better protection, immunity you receive by recovering naturally from a Coronavirus infection, or immunity you receive from the Coronavirus vaccines? We don't have to guess as there is data from at least two studies that give us the answer.

In June of this year (2021) the results of a study of Cleveland Clinic employees having received two doses of Pfizer or Moderna vaccines were compared against employees that had recovered from a natural Coronavirus infection. (Shrestha NK. 2021. Necessity of COVID-19 Vaccination in Previously Infected Individuals: A Retrospective Cohort Study. *medRxiv*. <https://www.medrxiv.org/content/10.1101/2021.06.01.21258176v2>) Breakthrough infections were observed in the vaccinated employees while there were no reinfections in the previously infected employees.

The authors of the study concluded, ". . . individuals who have laboratory-confirmed symptomatic SARS-CoV-2 infection are unlikely to benefit from COVID-19 vaccination . . ." That conclusion was made because natural immunity is superior to vaccine induced immunity. There were in excess of 52,000 employees in that study.

Additionally, a September 2021 study from Israel ([Comparing SARS-CoV-2 natural immunity to vaccine-induced immunity: reinfections versus breakthrough infections | medRxiv](#)) compared groups of patients that had never been infected and had received two doses of the Pfizer vaccine against patients that had previously been infected with Coronavirus and had not received any doses of the vaccine.

There were 16, 215 patients in each group. A total of 257 infections occurred in the total sample--238 breakthrough infections in the vaccinated groups and only 19 reinfections in the group with natural immunity. This represents a thirteen times better outcome for the natural immunity group.

Based on these two studies, natural immunity is superior to vaccine induced immunity.

At the recent (October 1, 2021) COVID-19 virtual round table discussion of Central Illinois medical experts, the following question was posed by the Pantagraph editor, Chris Coates:

"Why is natural immunity not being recognized as sufficient protection for health care workers (and their patients) when data from recent studies from Israel demonstrate natural immunity is superior to vaccine induced immunity?"

You can see the video at: [Watch now: Central Illinois medical leaders urge vaccinations as COVID strains hospitals | Health | pantagraph.com](#)

The question was familiar to me--I submitted the question to Mr. Coates at his open request to Pantagraph readers to do so.

Two of the responses are of note.

"To rely on natural immunity would not be wise . . . The more proven thing would be to get the vaccine." said Dr. Dexter Hazlewood, internal medicine physician with HSHS Medical Group in Decatur.

WHAT?!?!?!?!?

Apparently, Dr. Hazelwood has forgotten his basic immune system physiology from medical school. Did he forget that it is the body's natural mechanisms (Steps 2-4 above) that are induced by the vaccine? Did he forget that the basic difference between vaccine induced immunity and natural immunity is the mechanism of delivery described above as Step 1?

In this case there is one other important difference between natural immunity and vaccine induced immunity: the vaccines only produce antibodies for the spike protein from the original "wild type" coronavirus. Natural immunity produces antibodies that have accounted for ALL the proteins/antigens populating the surface of the coronavirus. This is the likely reason why natural immunity is superior to vaccine induced immunity.

Further, is he NOT familiar with the Israel study? If not, the correct response is, "I am not familiar with the Israel study, so I cannot comment on the question in that context."

His answer is absurd based on the known physiology of the immune response and the studies from the Cleveland Clinic and Israel.

Next, Dr. James Nevin, chief medical officer for Carle BroMenn Medical Center in Normal and Carle Eureka Hospital stated, "The fact is you can get an infection and not build any antibodies to it."

WHAT?!?!?!?!?

Remember, the question was asked in the context of the Israel study and those with already existing natural immunity. By definition, those that have recovered from a COVID-19 infection MUST HAVE NATURAL IMMUNITY--otherwise, they would have not recovered and perished.

Dr. Nevin's answer is also ridiculous in the context of the question.

We have been lied to in regards to treatments for COVID-19 (search my name in this group for further information on that statement). Now, we have been given faulty answers to the issue of natural immunity versus vaccine induced immunity by members of our own medical community.

The Governor of the State of Illinois, by Executive Order, has mandated that all healthcare workers must be vaccinated against COVID-19 or submit to weekly testing to prove that one is not infected. The U.S. President has also mandated, by Executive Order

and rules forthcoming from the Occupational Safety and Health Administration (OSHA), that all healthcare workers and all employees of businesses with 100 or more employees must be vaccinated against COVID-19, or submit to weekly testing for the virus. Also, some cities and states are requiring proof of vaccination to get into restaurants, movie theaters, sporting events and entertainment venues.

Ensnared in these illegal mandates and rules are all those with superior natural immunity. As hospital policy and government policy, should we really be trying to force an unnecessary medical procedure on those who do not need it and may not want it? Businesses and governments are promoting class warfare between the vaccinated and unvaccinated--many of whom have natural immunity to COVID-19.

Is that good policy? Is that logical policy when it is now known that those who have been vaccinated can both contract COVID-19 and spread COVID-19? I think not.

We need to demand more from our local medical leaders and from our elected officials in Springfield and Washington. These infringements on our freedoms needs to stop!

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