

# Exhibit 478

**‘Worst Yet to Come’: As COVID Spike Proteins Slowly Take Toll on Endocrine System, Expert Warns of Rise in Hormone-Related Diseases**

<https://childrenshealthdefense.org/defender/covid-spike-proteins-endocrine-hormone-disease-et/>

# 'Worst Yet to Come': As COVID Spike Proteins Slowly Take Toll on Endocrine System, Expert Warns of Rise in Hormone-Related Diseases

*Since hormones can have slow and systemic actions, a dysfunctional or damaged endocrine system will generally be slow in its symptom onset and recovery, warned Dr. Flavio Cadegiani, a Brazilian endocrinologist.*

**By The Epoch Times**

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Dr. Flavio Cadegiani, a Brazilian endocrinologist, suspects that the worst has yet to come for spike protein-induced diseases in the endocrine system.

The endocrine system, colloquially known as the hormone system, is critical for our health. It regulates growth and development, mood, metabolism, reproduction, immunity and functions of other organs through the secretion of hormones.

Hormones are one of the three biggest messengers in the body. Compared to the two other messengers — neurotransmitters and cytokines — hormones are slower in responding, and have systemic functions across the body rather than localized actions.

While cells can usually respond to neurotransmitters in milliseconds and cytokines in minutes to hours, cells that respond to hormones can take hours or even weeks.

Since hormones can have slow and systemic actions, a dysfunctional or damaged endocrine system will generally be slow in its symptom onset and recovery.

[Studies have shown](#) that spike proteins from [COVID-19](#) infection and the vaccines can damage endocrine glands, including pituitary, thyroid and adrenal glands, as well as reproductive organs and many more.

Cadegiani raised a concern that the slower onset of endocrine pathologies may pose difficulties in diagnosis and treatment.

## **Depletion of hormonal reserves**

Endocrine pathologies can take longer to become apparent because endocrine glands have “reserves,” according to Cadegiani.

“What we’re going to see in the future [for endocrine diseases] is a little bit different from the other fields, because glands have reserves and the decrease of the reserve will not be clinically seen right now, but it may be in the future,” said Cadegiani at a [Front Line COVID-19 Critical Care Alliance conference](#) in Kissimmee, Florida.

Therefore, affected individuals may show no symptoms until their reserves have been depleted.

Cadegiani said that most of his concerns for the future are speculative and based his own clinical observations. But since the pandemic and the administration of COVID-19 vaccines began, there have been increasing reports that implicate endocrine pathologies.

## Hormonal axis and systemic dysfunction

Hormones regulate the entire body, so once the reserves are depleted and underlying endocrine pathologies are unmasked, there may be cases of systemic dysregulation.

Endocrine glands control the function of many organs across the body, and each endocrine organ is also connected through a feedback loop, also known as a hormonal axis.

At the top of this chain is the hypothalamus, which is a diamond structure in the brain and acts as a master switchboard. It sends messages to the pituitary glands, a small, oval structure tucked behind the nose.

The pituitary gland is colloquially known as the master gland; it regulates other endocrine organs, together with the hypothalamus forming hormonal axes.

The pituitary gland is part of the hypothalamic-pituitary-gonadal (HPG) axis which regulates the reproductive organs including the ovaries and the testes. In females, it is responsible for regulating the release of ovarian hormones as part of the menstrual cycle, and in males the axis regulates spermatogenesis.

The hypothalamic-pituitary-adrenal (HPA) axis is a neuroendocrine axis that mediates the adrenal glands, an organ that produces hormones that trigger the fight or flight response.

The fight or flight process is a stress response that occurs in response to harmful threats, and can reduce metabolism, suppress immunity as well as activate the sympathetic nervous system.

Another major axis is the hypothalamic-pituitary-thyroid axis. This regulates the thyroids and the hormones it secretes. Thyroid hormones are essential for biological functions of growth, regulation of the cardiovascular system, bone replacement, liver function and metabolism.

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## How spike proteins target the endocrine system

The spike protein is the most toxic part of the SARS-CoV-2 virus. Studies on people with [long COVID-19](#) and [post-vaccine symptoms](#) often detected [spike protein presence](#) months or even a year after the exposure.

Spike protein particularly favors tissues and organs that express ACE2 and CD147 receptors. Many endocrine glands display ACE2 receptors, including the pancreas, thyroid, testes, ovaries, adrenal glands and the pituitary gland, making the [endocrine system particularly vulnerable to SARS-CoV-2](#).

The key driver behind spike protein-induced disease is inflammation.

Upon entering cells, spike protein can activate pro-inflammatory pathways by inducing DNA damage, inhibiting DNA repair, causing stress to the cell's mitochondria, which is critical for cell energy production and many more. All of this lead to cellular stress, injury and possible cell death.

When many cells are affected, it can cause problems in tissues and organs, affecting individual endocrine glands and the system.

Spike proteins also inhibit autophagy, the cellular "recycling system," thereby preventing the cells from clearing the toxic protein out, leading to prolonged damage.

Spike proteins may also contribute to autoimmunity. Since it shares many similarities with common human tissues and proteins — known as "molecular mimicry" — it has the potential to cause immune cells to mount an attack against their own cells and organs, leading to endocrine damage.

Several studies have reported on [endocrine pathologies following COVID-19 vaccination](#), though data on the exact damage is still emerging.

### **Pituitary glands**

As the master gland of the endocrine system, the pituitary gland secretes many hormones, including ones that regulate other endocrine glands:

- Adrenocorticotrophic hormone (ACTH) targets the adrenal glands and is responsible for producing cortisol, which stimulates the stress response.
- Thyroid-stimulating hormone (TSH) regulates the thyroid.
- Growth hormone is responsible for growth and metabolism.
- Melanocyte-stimulating hormone boosts the production of melanin when exposed to UV rays and increases appetite.
- Anti-diuretic hormone is responsible for retaining water and producing less urine.
- Luteinizing hormone (LH), follicle-stimulating hormone (FSH) and prolactin are important for reproduction.
- Oxytocin plays a role in childbirth, metabolism and happiness.

Studies in cell culture have shown that the spike protein is able to suppress the production of LH and FSH in pituitary cells, with unknown long-term consequences in humans.

[ACTH deficiencies have been observed](#) following mRNA vaccination in Japan, with the person affected found to have a shrunken pituitary gland.

Cadegiani said that pathologies in the pituitary are difficult to diagnose; they are often masked by other conditions, therefore there is little literature on pituitary pathology presentation after COVID-19 vaccinations.

### **Adrenal glands**

There is published literature with data that may be used as evidence to suggest spike protein injury at the adrenal glands.

The adrenal glands, located above the kidneys, produce hormones responsible for the stress response. This includes adrenaline, cortisol and aldosterone. The release of these three hormones is critical for maintaining energy and other needs during stressful situations.

Studies on COVID-19 have shown that the [adrenal glands](#) are major sites of SARS-CoV-2 mRNA accumulation and spike protein production.

The glands are also likely to be involved in post-vaccine myocarditis events that are often seen in young males. Cadegiani reasons that this type of myocarditis may be a sign of adrenal dysfunction.

Cadegiani authored a peer-reviewed study on post-vaccine myocarditis and concluded [catecholamines are the main trigger](#) for these events. Catecholamines are a group of neurohormones and includes dopamine, noradrenaline and adrenaline.

While dopamine mostly acts within the nervous system, both adrenaline and noradrenaline play important roles in stress responses.

Adrenaline activates the fight or flight stress response and noradrenaline supports the response by increasing heart rate, breaking down fats and increasing blood sugar levels.

Intense and prolonged exercise triggers the fight or flight response, which is why catecholamines are usually [elevated in athletes](#). Males in particular tend to have [higher levels of catecholamine](#). Testosterone is also suspected to play a role in the higher incidence of myocarditis following vaccination.

Stress responses increase blood pressure, stronger heart contraction and when chronic, can [increase the risk of cardiac events](#).

Cadegiani linked catecholamines with myocarditis by analyzing [autopsy reports of two teenage boys](#) who died three to four days after mRNA vaccination from myocarditis events.

Their heart damage was [different from normal myocarditis pathology](#), with clear similarities with stress-induced cardiomyopathy; Cadegiani observed clear characteristics of catecholamine-induced myocarditis.

He hypothesized that vaccines triggered a hyper-catecholaminergic state by elevating levels of adrenaline, causing hyperactivation of adrenaline.

[Studies on mRNA-vaccinated athletes](#) also found that after exercise, those who were vaccinated had higher heart rates and noradrenaline levels than those who were not vaccinated.

Dysfunctions in the adrenal glands are likely to lead to adrenal insufficiency.

Cadegiani hypothesized adrenal insufficiency — a condition that the adrenal glands become unable to produce enough hormones — to be a possible consequence of spike protein injury.

There is already a report of [adrenal insufficiency following infection](#); in the case of long COVID-19 where there are spike protein remnants, it is likely that the damage will be prolonged, possibly leading to chronic damage.

In the case of vaccines, a report evaluating [spike protein production after COVID-19 mRNA vaccination](#) found that the adrenal glands were one of the highest spike protein-producing tissues, and the spike protein production in these glands increased with time.

Current research has also shown that complications from [thrombocytopenia as a post-vaccine symptom](#) have led to adrenal hemorrhage and adrenal insufficiency.

## Thyroid

The thyroid is a butterfly-shaped gland located over the throat. It has a lot of functions, primarily regulating growth and metabolism.

It makes two hormones, thyroxine and triiodothyronine. Deficiencies in triiodothyronine results in hypothyroidism, characterized by a large thyroid; over-secretion of it can cause hyperthyroidism.

The thyroid also plays a role in regulating the immune system. COVID-19 infection is often a sign of underlying thyroid problems, and damage from infection can exacerbate thyroid problems, creating a negative cycle.

An autopsy study on 15 people deceased from COVID-19 found that 13 of them had [viral RNA and proteins in their thyroid tissues](#). ACE2 receptors, previously thought to be not presented on the thyroid, were also detected, indicating a possible route for SARS-CoV-2 infection.

Though the research shows that thyroids can be implicated in infection, thyroiditis, which is inflammation of the thyroid, has currently only been reported in relation to the COVID-19 vaccine.

A study from Turkey stated that the [COVID-19 vaccine can induce thyroiditis](#). The study evaluated 15 patients who developed thyroiditis following vaccination.

Four of the patients also developed Grave's disease, which is an autoimmune disease and a complication of hyperthyroidism. Hashimoto's disease, another thyroid autoimmune condition, has also been reported following vaccinations.

It is possible that spike proteins produced from vaccinations may attack the thyroid cells by binding to ACE2 receptors. However, looking at the high reports of autoimmune diseases, Cadegiani suspects that the pathogenesis of thyroid dysfunction is likely autoimmune.

The spike protein has also demonstrated its autoimmune capacity due to high incidences of "molecular mimicry."

## Pancreas

The pancreas produces glucagon and insulin, two important hormones that regulate our blood sugar levels. Dysregulation of blood sugar levels is an indication of pancreatic dysfunction and may lead to complications such as diabetes.

Spike protein both from the vaccine and the virus has shown a potential to disturb glucose metabolism.

There have been reports of a [sudden onset of type 1 diabetes](#), which is a form of autoimmune disease where the body attacks its own pancreatic beta cells.

A study evaluating [EudraVigilance safety surveillance reports](#) has also found reports of dysregulation of blood glucose with transient worsening of hyperglycemia reported after vaccinations.

Chronic hyperglycemia, meaning high blood sugar, is usually a sign of [dysfunction in the pancreatic beta cells](#).

Therefore Cadegiani proposed that there could be a [loss or malfunction of pancreatic beta cells](#) as studies have shown that the spike protein is able to directly affect and damage these beta cells, likely

resulting in their death.

## Reproductive organs

The harms of COVID-19 on male reproductive organs are well established.

A study from Thailand showed that in 153 sexually active men, around 64.7% experienced [erectile dysfunction during COVID-19 infection](#), with 50% persisting in these symptoms three months after recovery.

Erectile dysfunction has been established in research to be due to dysfunctions of the endothelial cells, and the spike protein impairs endothelial cells.

Studies linking COVID-19 and erectile dysfunction have largely blamed it on the virus's interaction with ACE2 receptors displayed on the surface of endothelial cells. Endothelial cells are abundant in ACE2 receptors, making them one of the most targeted in COVID-19 infections.

A [study evaluating adenovirus DNA vaccines](#) showed that cells exposed to the vaccines also produced spike proteins that could interact and bind with ACE2 receptors, suggestive of equal endothelial damage.

Since the vaccine rolled out in 2021, the CDC data reported 193 cases of erectile dysfunction following COVID-19 vaccination.

An [Israeli study on sperm donations](#) has also noticed a reduction of 15% in sperm concentration and 22% in motile sperm count following COVID-19 mRNA vaccination.

The [authors confirmed in a later response](#) that the people tested had no underlying health conditions, and therefore the reduction could not be due to any underlying health conditions that were existent prior to the vaccination.

Though sperm count gradually made a recovery after 145 days, sperm concentration and motility did not return to pre-vaccination levels, with unknown long-term effects.

Concerns of reproductive problems have also been reported in women, most particularly after vaccinations rather than after infection.

Studies showed that [men are generally at a higher risk](#) of severe outcomes and deaths from COVID-19 infections; however, [women seem to be at a higher risk of vaccine injury](#).

[Vaccine Adverse Event Reporting System \(VAERS\)](#) data showed that over 60% of adverse event reports came from women, indicating that women are more vulnerable to post-vaccine symptoms.

Dr. Paul Marik, critical care expert, also observed that women were at a greater risk of presenting with post-vaccine symptoms in the clinic.

During the pandemic, many women reported menstrual abnormalities following vaccination. A study on Middle Eastern women found almost 70% of them reported [menstrual irregularities after vaccination](#).

A study funded by the National Institute of Health found a ["temporary increase in menstrual cycle length"](#) linked to the COVID-19 vaccination.

A study published on the website titled My Cycle Story reported over 290 [women experienced decidual cast shedding](#) after the COVID-19 vaccines rolled out, even though less than 40 such cases have been documented over the past 109 years.

This also indicated that many of the reproductive symptoms women were suffering from may be vaccine-related, rather than related to COVID-19 infections.

Cadegiani predicted greater adverse events in pregnancies for the coming future.

He cited a study that concluded “no association” between [COVID-19 vaccines and fertility](#). The data however showed that unvaccinated women had a higher rate of pregnancy than the vaccinated, both for clinical and biochemical pregnancy.

The authors of the paper reviewed 10 studies and found that unvaccinated women have a clinical and biochemical pregnancy rate of 47 and 60% respectively, while the COVID-19-vaccinated had a rate of 45 and 51%.

Cadegiani predicts more cases of endocrinopathologies as a result of spike injuries in the future.

“Endocrine diseases progress slowly and then only clinically appears in the severe states,” said Cadegiani. “So it’s not possible to tell this [anytime] beforehand.”

*Reprinted with permission from [The Epoch Times](#).*

*Marina Zhang is based in New York and covers health and science for The Epoch Times.*

*The views and opinions expressed in this article are those of the authors and do not necessarily reflect the views of Children's Health Defense.*

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Best Newest Oldest



Greebo

8 months ago

An outstanding article! There will be long term consequences from this fiasco. Not securing your voting processes has huge consequences also. "It is enough that the people know there was an election. The people who cast the votes decide nothing. The people who count the votes decide everything." Josef Stalin

Remember that the SAME people pushing this untested injections are the ones who are trying to terrorize us into giving power to a central government that will have total control of ALL energy &, therefore, every aspect of our lives. They are also the ones wanting hateful Marxist race propaganda taught in our school & having our children mutilated & sterilized. I recommend that we do the opposite of anything they try to push us into.

18 0 Reply • Share ›



Carrie Lavine

8 months ago

Yep..the spike protein with increased lethality that independent scientists have detected& outlined the inconguency of-increased lethality only at the spike in their studies..how its out 9f sequence-not seen in nature-starkly revealing human tampering of.We could see increase of Endocrine diseases..effecting hormonal system..from Endometriosis to premature ovarian failure-basically sterilization as like from the horrific Gardasil shot-based on total fraud..increased Autism(as already off the charts)increased AI diseases..autism is AI..GBS..Graves disease..Lyme disease(AI disease..this is the continued War on Humanity

15 0 Reply • Share ›

G

GarySummers

8 months ago

"Heads Up"

\*\*\*'Flash'\*\*\*

"Children Suddenly Dying – 'It's Through The Roof' – Dr. Peter McCullough"

"Before the COVID-19 vaccines, there were four cases for myocarditis per million..."

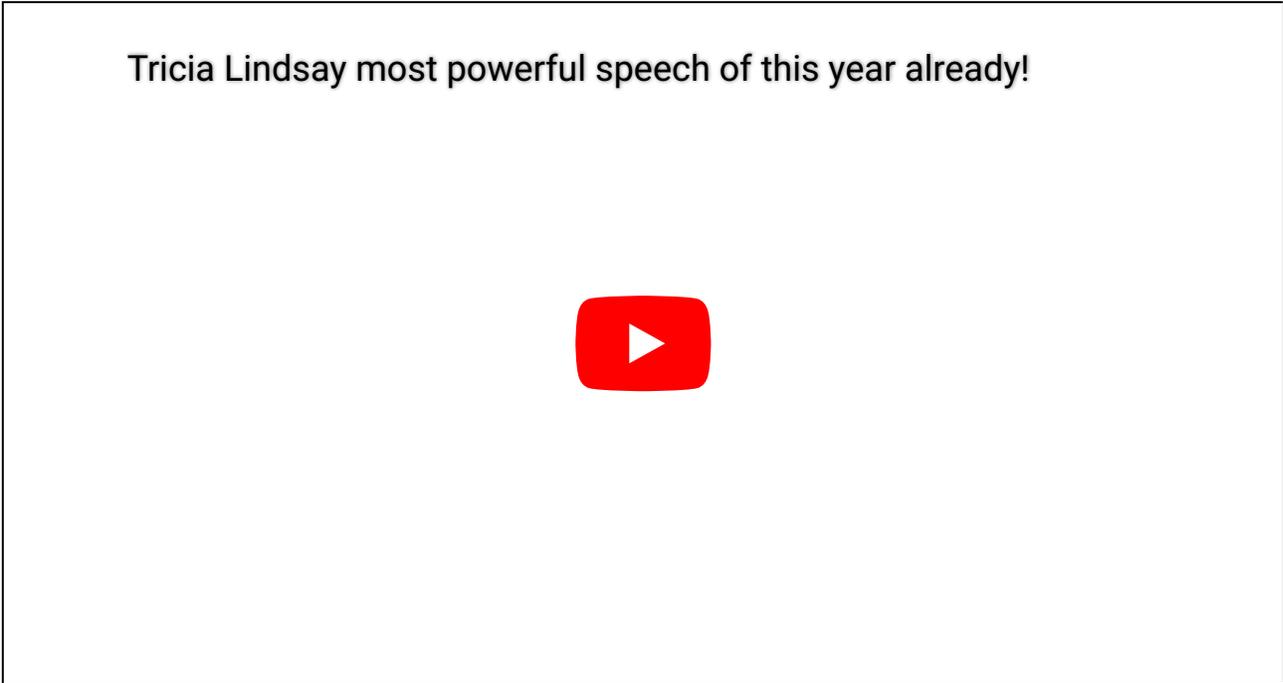
<https://www.redvoicemediac.com>

IMO: "These Monsters Are Coming For Our Children!"

"They are coming for Our Children! #3:34 Min Mark!"

'Pls. Bump and Share!' 'Word Must Get Out! T/You!'

'Tricia Lindsay most powerful speech of this year already!'



13 0 Reply • Share >



**Janine Largent**

→ GarySummers

8 months ago

Firebrand. God bless her

5 0 Reply • Share >



**Leslie N**

8 months ago

Sperm count decrease after vaccination, what a surprise...Womens reproductive issues after vaccination...what a surprise. Sounds like Bill Gates, etc dream is coming true- decreasing the world's population. I love all these studies that use people that have 'covid' based upon tests which register false positive on substances such as water, etc. All of these lovely side effects for a supposed virus which has a survival rate well over 90%. The challenge of isolating the covid-19 virus has be accomplished. When lab workers tried to isolate it in thousands of positive covid samples, all they found was cellular debris. And then they were raided by the fbi and materials taken. Seems like the fbi loves to raid places when the truth is found or not found, depending on the circumstances.

12 0 Reply • Share >



**Sinless1**

→ Leslie N

8 months ago

90%? That would be alarming mortality! More like 99.9% survivability for people under 70. And that's including inflated death counts from lethal treatment protocols (remdesvir and ventilators.)

10 0 Reply • Share >



**THOB**

→ Sinless1



8 months ago

I think Leslie was being conservative. Unlike those claiming benefits from a vaccine' that was never 'safe or effective". Most of the 'facts' 'claims' and dogma about this virus have all been fictitious and are being used in their push for 'The Great Reset'.

4 0 Reply • Share >

G

**GoRi**



8 months ago

What I noticed around me is that it seems that people in the last 2 years aged 10 years. People look much older. I think that it must be because of the jabs and the Covid. Yes, what they are talking about in this article.

Sorry my mother tongue is French.

9 0 Reply • Share >



**James Austin**

→ GoRi



8 months ago

No need to apologize; what you wrote is completely understandable. The syntax and grammar is excellent.

4 0 Reply • Share >



**Carol Nordhagen**

→ GoRi



8 months ago

yes and let's not forget the stress the past nearly three years contributed to the ten yr. aging...

1 0 Reply • Share >

G

**GarySummers**



8 months ago

"Official Government Reports prove COVID Vaccination is causing Depopulation at a frightening rate"!

<https://expose-news.com/202...>

8 0 Reply • Share >



**Brian Collecott**

→ GarySummers



8 months ago

BTW be aware that the EU population is very approximately around half the total Europe

population (multiply by 1.8) so EU studies will likely underestimate the problem. I realised this when following the EUdravigilance database which then put EU job deaths at twenty thousand and it was then moved behind a paywall, well over a year ago.

1 0 Reply • Share ›



**Carol Nordhagen**

→ GarySummers

8 months ago

Well if true Bill Gates will be thrilled!

0 0 Reply • Share ›



**Keith**

8 months ago

And this article does not make a peep about what an affected person might be able to do about the spike protein problem. Ivermectin daily or...It sure would have been nice for such a long article to spend some time on dealing with how to handle the problem. I myself have long covid (no picnic) and am now taking Ivermectin daily.

7 0 Reply • Share ›



**Jennifo**

→ Keith

8 months ago

There are a few protocols from Jonathan Otto who did a series with many frontline Drs. It's not a quick fix for sure & would be good to detox in general even without any long covid. I believe I have spike proteins in my cells even without the shot...so shedding is VERY real. Pay attention down the road...this is how this thing continues in perpetuity. Diabolical.

5 0 Reply • Share ›



**Adrienne42**

→ Keith

8 months ago

I am sorry to hear this. Have you tried a strict vegan diet, organic fruits and vegetables, beans, legumes, mushrooms, herbs and spices, nuts, dates, and raisins, tea and coffee and cocoa, nutritional yeast, and healthy fats from coconut, avocado, olive, walnuts, flax or hemp, no meat, no dairy, along with no processed sugars (only honey, genuine maple syrup or stevia), no gmo (no corn or soy), no processed foods, no artificial sweeteners, no canned or bottled drinks. This diet has tremendous healing properties and a difference is often seen within 2 weeks.

4 0 Reply • Share ›



**Greebo**

→ Keith

8 months ago

I am have not looked for any data on how well tolerated long term continual use of Ivermectin is. It is one of the safest medications. It might be better to use quercetin which also reduces the inflammation that the spike proteins cause. Quercetin is a

bioflavanoid in apples, grapes, onions & even in Elderberries. As an ingredient of many healthy foods, I expect that it is safe as a daily supplement. We have taken it as a daily supplement for decades with only good results. Both are ionophores & conduct zing into cells to stop viral replication. Both also suppress inflammation. A gram or 2 of vitamin C in a time release tabled each day would certainly be advisable. There are some protocols you can find from Naturopaths & some physicians that may be very helpful to offset the harm these spike proteins can do until we discover how to stop them.

3 0 Reply • Share ›



**GodsWork InProgress**

→ Greebo



8 months ago

Yes, Quercitin is awesome..! I actually craved red skinned onions and apples when I had Covid (the first strain that was let out into the public) I ate them daily and I later found out that both contain Quercitin. I also had soft boiled eggs about 3 times a week, or egg drop soup., and realized later that eggs contain zinc, which when taken along with Quercitin helps the Quercitin go more directly into the cells to help with healing.

7 0 Reply • Share ›



**Greebo**

→ GodsWork InProgress



8 months ago

The old herbal remedy, Elderberry, contains quercetin. I wonder if that is why it has been so effective when I have used it, in capsule OR tea form, to stop flu infections in their tracks. It probably needs an adequate amount of zinc to work best. Perhaps a zinc deficiency causes it to not work well for some people & APPEAR to be ineffective.

I was taking quercetin, zinc, vitamins D & C daily prior to the covid & did not contract it. I was careful, so perhaps I was not exposed though.

1 0 Reply • Share ›



**Brian Collecott**

→ Greebo



8 months ago

I do recall Judy M recommending NAC with TMG. trimethylglycine), Pine needle tea too. NAC is available from Amazons other than USA. Try UK.

2 0 Reply • Share ›

C

**Ceejay**

→ Keith



8 months ago

My husband had long covid symptoms that were pretty severe at times. He followed a strict anti inflammatory diet which helped tremendously.

2 0 Reply • Share ›

**GodsWork InProgress**

→ Keith



8 months ago

Keith some months ago, Dr. Mercola ran some articles on nutrition and supplement protocols for those who have long covid, or else had been vaccinated. One of the highlights I clearly remember reading from his article, was to take digestive enzymes (including Bromelain- and the core of the pineapple has the most bromelain contained, so you want to eat the core) ... and take these enzymes BETWEEN meals.

Also continue to take Ivermectin..., even if you have to go to a veterinarian clinic to get the animal grade paste... you can rub it on your skin and it will get absorbed into the body.

Also Quercitin , magnesium, and intermittant fasting (eating your meals in a few hours time frame long before bedtime) Also, infra-red saunas to detox , and all the B Complex vitamins. Lysine was also mentioned,. Also, Gut and intestinal helping foods, like Bone Broth and collagen, as well as Melatonin in daily tiny amounts no more than 3 mgs.

Red onions and red skinned apples contain Quercitin. When I had COVID, I actually CRAVED both and didnt understand why., but I went with it and ate them daily. The red skinned onions were great sliced thin with olive oil and balsamic vinegar.

What also helps is drinking tonic water with quinine added. And they do sell the healthy versions containing Stevia instead of high fructose corn syrup.

I had hair loss about 3 months after I got better, which I found out is a common reaction

[see more](#)

2 0 Reply • Share ›

**D****Dawn** → Keith

8 months ago

It's because allopathic medicine does not have adequate treatment. Find a skilled classical Chinese medicine practitioner - preferably one who can treat what they call Gu syndrome. Their herbal protocols are very effective for such chronic conditions, but you must be persistent and consistent with it.

2 0 Reply • Share ›

**Brian Collecott**

→ Keith



8 months ago edited

I recall Judy Mikovits on 'Good Morning' discussing with Polly how to deal with spike shedding not so long ago. There is bound to be some useful advice there. Oh I just saw this Mercola article which has helpful advice - be quick. I don't think it will be up for much longer. Title "Is Long-COVID the Elephant in the Room?"

1 0 Reply • Share ›

**Carol Nordhagen**

→ Keith



8 months ago edited

you are fortunate to be able to get ivermectin which by the way is a drug to kill

parasites. Have to ponder just what parasites have been placed into us. Our government along with WHO and G20 have committed the worst crime against humanity in it's entirety. The entire covid 19 fiasco was created to kill off millions and provide ungodly wealth off of the deaths. Censor me as you like but truth always prevails. As people learn the truth all hell will break loose across the world. The corruption behind covid is astronomical! The fact my posts must be approved by CHD tells me a great deal..

1 0 Reply • Share ›



**Brian Collecott**

→ Carol Nordhagen



8 months ago

Yes, sourcing proper Ivermectin is a major issue for many of us. I have some horse Ivermectin as backup for my Quercetin in bad times, but it needs to be pure, not have added ingredients. (you have to pretend to own a horse to get it!) There are websites around with groups who have used this, giving some decent safety advice. Don't use Google to find them though. Try Brave browser.

1 0 Reply • Share ›



**Janine Largent**



8 months ago

Those who did not take the experimental jab are not immune to the possible long term effects of the spike protein. Infection with Covid 19 has the potential for as yet unknown long term effects. This virus has now become endemic and may contribute to shortened life spans and increased chronic disease for years to come perhaps forever. Very clearly this is a bio weapon and the fact that our own agencies tried to cover that up and to push these experimental jabs on the entire population indicates some complicity

6 0 Reply • Share ›



**Voyt Regnal**

→ Janine Largent



8 months ago edited

I still prefer encounter with covid virus, over acceptance of a shot that rapidly introduces 40 TRILLION cytotoxic spike protein factories inside my body.

<https://drtrozzi.org/2022/0...>

6 0 Reply • Share ›



**Carol Nordhagen**

→ Janine Largent



8 months ago

you are so correct!

0 0 Reply • Share ›



**Cricketeer**



8 months ago

Any thoughts on its affect on liver, inexperienced severe jaundice for 5 weeks two months after Covid. Drs wanted to admit me to hospital and do a liver biopsy as my liver numbers were bad. I went home and dealt with it with my homeopath and am fine now. Saw a study in India recounting similar cases.

5 0 Reply • Share ›



### GodsWork InProgress

8 months ago edited

They knew what they were doing when they allowed the first genetically modified/tweaked COVID strain out into strategic areas for mass infection outside of China. Follow things up with a GMO MNRA vaccine highlighting the worst part of the disease- spike proteins- to create their so called "immune response".

Besides killing off the elderly, targeting the reproductive organs and hormones of those in childbearing age also seems to be a major motive.

Something Bill Gates, George Soros, etc, were no doubt thrilled about as a "win win" for their goals. Slowly kill the excess masses off, or else keep them from being able to breed... and start the damage when they are as young as possible.

3 0 Reply • Share ›



### Voyt Regnal → GodsWork InProgress

8 months ago

Bill Gates in 2014, quote that I heard, ..not exact but the drift is clear):

"The world has 6.8 billion people. That is headed up to 9 billions. Now if we do a really good job on NEW VACCINES, health care, reproductive services..we could REDUCE that by 10-15%. I really like vaccines !"

2 0 Reply • Share ›



### GarySummers

8 months ago

'Dr. Fauci and his Patents on Spike Proteins!'

"Understanding how the "Spike Protein" Works."

So... who holds the patent for the GP120 glycoprotein on the S1 spike protein region? 'Dr.

Anthony Fauci' holds the patent to GP120 on the S1 region of the spike protein that will recognize and bind to receptors on the host cell. This starts the process by which the virus can then fuse its viral membrane with the host cell membrane to enter the cell; in other words it will then activate GP41 on the S2 region of the spike protein.

SARS-Cov-2 is HIV and Dr. Anthony Fauci Holds the Patents!

Monoclonal Antibody "Clone 3" is the Cure!

Who then holds the patent for the GP41 "key" on the S2 region of the spike protein? Joseph Cotropia of Bioclonetics Inc. (Now Enzolytics Inc.) holds the patent to GP41 and the monoclonal antibodies that can "irreversibly block" the Glycoprotein GP41 which would stop viral membrane fusion and thus infection. It's called the Monoclonal Antibody Clone 3 'which is the cure for HIV,

SARS-CoV-2 and several Cancer.'

Why is GP41 important? GP41 is a stable Glycoprotein and unlike GP120 it does not mutate. If one uses GP41 to manufacture "spike proteins" through "Gain-of-Function" experiments you now have a stable site that can be targeted by pharmaceuticals drugs or vaccines! Basically any pathogen that has GP41 can be inactivated and that includes HIV-1, SARS-CoV-2 and other viruses that cause Cancers! 'Did you think the NWO would release a bioweapon without a built-in back door to turn it off'?

<https://www.civilianintelli...>

3 0 Reply • Share ›



**Greebo**

→ GarySummers



8 months ago

If this can be spread by shedding to other, the perps must have an antidote or means to clear it from the system or they would not risk setting this loose worldwide.

5 0 Reply • Share ›



**Carol Nordhagen**

→ Greebo



8 months ago

antidote for elites only

2 0 Reply • Share ›



**Susan**

8 months ago

I'm curious to know why there is such massive hair loss after having Covid. I don't hear of this coming from people who have taken the jab. But those in my family and some friends have talked about our hair loss after having Covid.

2 0 Reply • Share ›



**drw22**

→ Susan



8 months ago

I also started losing hair after Covid. (My hairdresser called it Covid hair.) It lasted about four months. I researched it and found that many serious illnesses can cause short-term hair loss. I had only two symptoms--severe sore throat that lasted two days and exhaustion that lasted for four weeks.

Maybe most of the vaccinated aren't hit as hard initially by the vaxx.

2 0 Reply • Share ›



**gemma**

→ drw22



8 months ago

My hairdresser said the same thing about her clients losing their hair. She said it has only been in the past year.

2 0 Reply • Share ›



**GodsWorkInProgress**

→ Susan



8 months ago

I had alot of wierd hair loss after I had COVID, and later read that this is typical with ANY illness where one has a long period of fevers., as well as car accident trauma, or emotional trauma (divorce, death of loved one, etc) The body goes into shock about 3 months after the incident, even though one doesn't feel anything out of the ordinary. The hair follicules go into a "shock hibernation" phase where no new hair is grown for about 6 months, but after that, the growth phase starts back up again.

In my case, I didnt have to wait 6 months... only about 4 months, as I used peppermint or lavendar essential oil shampoos and conditioners, rubbing them right into the scalp, and I massaged my scalp with one of those copper wire massagers. Also shampoos and conditioners with folic acid helped, and making sure to supplement with my meals., and not skip on sleep. My hair is back to normal now- Thank God!

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**kris**



8 months ago

Very grateful for articles like this. Detox, clean drinking water ... Vitamins and more exercise than ever... People need to accept the power of just cleaning the drinking water with something stronger than a Britta filter...

2 0 Reply • Share ›



**Bry**



8 months ago

Purebloods should be paid a high price for their sperm and eggs

1 0 Reply • Share ›



**Greebo**

→ Bry



8 months ago

By dead people? Not every one who has been poisoned by this injection has died. People will be dying from it for years to come. It will be much worse than what happened after Nagasaki or Hiroshima. Some of the DNA changes will become part of our gene pool from those who manage to survive and to reproduce. There will be repercussions we cannot even imagine at this point in time. The monsters who did this have unleashed horrors that they cannot have anticipated.

6 0 Reply • Share ›



**Bry**

→ Greebo



8 months ago

By people not wanting mutant children

2 0 Reply • Share ›

B

**Beatrice** → Bry



8 months ago edited

Yes, the elitists who believe they are G-d and can create the perfect human. What are mutant children? I mean, by whose definition? Culture plays a significant role in determining people's behavior and lifestyle. Today, the world is full of the nouveau-riche....tacky, classless millionaires who raise entitled tacky classless children who value nothing but their own pleasure. I grew up in a different time where money didn't dictate whether a person had class or character and merit was earned and respected with hard work.

These tacky millionaires have destroyed our ability to earn a decent living and our struggles have become increasingly difficult through the decades. This leads to family breakups and breakdowns and desperate people who do stupid illegal desperate things just to survive. It also leads to dysfunctional, angry, violent and aggressive people. But the government never wants to improve our quality of life so that we are able to become secure and relatively happy citizens. They just want to keep pursuing their agenda to enrich themselves at our expense.

3 0 Reply • Share ›



**Bry** → Beatrice



8 months ago

We are like cattle to them

2 0 Reply • Share ›



**Brian Collecott** → Greebo



8 months ago

And supposing we should need a blood transfusion.

0 0 Reply • Share ›

R

**Richard Aliwell**



8 months ago

<https://www.mdpi.com/1467-3...>

This Study states that human liver cells had altered DNA after in vitro treatment with vaccine. Counter argument /comment (check amber link at the top of the article) Says that this won.t matter (in vivo) because DNA altered liver cells will be destroyed by the immune system . Can they have it both ways ?

0 0 Reply • Share ›



This comment was deleted.



B

**Beatrice**  Guest

8 months ago edited



A sperm analysis includes motility- determining what percentage of sperm in a sample are moving in the right direction. There could be sperm in a sample but if they are not motile, they are probably not going to fertilize an egg. There could be a high concentration of sperm with little motility if that makes sense. A man could also have low concentration or number of total sperm regardless of motility. Either way, fertilizing an egg would become compromised. Best to protect your nuclear warheads by not getting vaccinated with gene therapy.... ;D

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