

Effect of the Covid Injection on Personality and Emotion

By Craig Paardekooper

Social Media Claims

Posts on social media claim that the covid injection caused negative emotional and personality changes due to endocrine disorder.

My four kids got the covid vaccine and their personalities were altered negatively. They became mean, angry, and hateful. Medical reports, and documented studies have shown that the vaccine destroys the endocrine system, which includes the pineal gland. The pineal gland is responsible for hormone balance, sleep patterns, and moods. Without it the brain doesn't function normally as it should. Brain abnormalities such as personality changes and personality disorders, depression, suicidal ideation etc.

Have you noticed any of your friends or loved ones whose personalities changed post vaccine?

They claim that associated symptoms include

- Lack of compassion
- Anger
- Hate
- Mood swings
- Sleep disturbances
- Depression
- Anxiety
- Suicidal Ideation

Personal Testimony

My brother Iain took the Covid injection in December 2021, and suffered intense anxiety attacks for about 5 months. He was fearful of being at home, afraid of people walking by in the street, afraid of getting on a tube train, and his sleep was disturbed. Prior to taking the injection, he was confident, optimistic, adventurous, and sporting – a regular runner. It was unexpected that the Covid injection had such a strong effect on his anxiety levels.

How anecdotal is this?

So, is this just an isolated anecdotal event, or is there any confirmation of these effects occurring more widely? When looking at the effects of the Covid injection upon the endocrine system we can approach this investigation systematically by looking at -

1. The most common symptoms of endocrine disorder: mood swings and sleep disturbances.
2. The main endocrine glands - thyroid, pancreas, adrenal, pituitary, reproductive glands.
3. The mechanisms that trigger endocrine disorder – such as blocking of ACE2 receptors.

SLEEP DISORDERS

Strongest Symptoms for "COVID19"

Symptom	Lower Confidence Limit of Proportional Reporting Ratio ≥ 2
Sleep deficit	4.004080909888326
Sleep disorder due to a general medical condition	3.58992880983144

Strongest Symptoms for "COVID19"

Symptom	Lower Confidence Limit of Proportional Reporting Ratio ≥ 2
Terminal insomnia	2.0579676193758485

ENDOCRINE GLANDS

Thyroid (e.g., hypothyroidism, hyperthyroidism):

- Cold or heat intolerance
- Dry skin or excessive sweating
- Hair thinning or loss
- Constipation or diarrhea

Pancreas (e.g., diabetes):

- Frequent urination
- Excessive thirst
- Blurred vision
- Slow wound healing

Adrenal glands (e.g., Addison's disease, Cushing's syndrome):

- Muscle weakness
- High blood pressure
- Darkening of the skin (Addison's)
- Round face and abdominal weight gain (Cushing's)

Pituitary gland:

- Growth abnormalities (too much or too little)
- Irregular menstruation or infertility
- Vision problems due to tumor pressure

Reproductive glands (ovaries/testes):

- Irregular periods or early menopause
- Erectile dysfunction or low libido
- Infertility

I have already highlighted a couple of these, because **menstrual irregularities** are known to occur with very high incidence following the Covid injection, so much so that they are a characteristic hallmark of it.

Safety Signals

Thyroid

Strongest Symptoms for "COVID19"

Symptom	Lower Confidence Limit of Proportional Reporting Ratio >= 2
Thyroid hormones test	6.505058914488448
Ultrasound thyroid	5.976233740078993
Tri-iodothyronine	4.367102872466807
Thyroglobulin	3.982327401892789
Thyroiditis acute	3.982327401892789
Blood thyroid stimulating hormone	3.788853229881054
Anti-thyroid antibody	3.74683074020009
Thyroxine	3.341243575508926
Blood parathyroid hormone	3.214854900033208
Thyroxine free	3.102344706243232
Thyroiditis subacute	3.0754693029663374
Tri-iodothyronine free	2.8843080967429584
Anti-thyroid antibody increased	2.881509053476005
Free thyroxine index	2.87891849152031
Thyroid function test	2.794387654159867
Thyroid stimulating immunoglobulin	2.6853737361185326
Hyperthyroidism	2.2683450503561997
Thyroid mass	2.1595189661911407

Origin: [VAERS Safety Signal](#)

Safety Signals

Pancreas

Strongest Symptoms for "COVID19"

Symptom	Lower Confidence Limit of Proportional Reporting Ratio >= 2
Diabetes mellitus management	4.260163237796066
Diabetes mellitus inadequate control	3.799872428694789
Diabetic ketoacidosis	2.367885908921119
Diabetic nephropathy	2.2828552608220027
Diabetic metabolic decompensation	2.122786223286897
Type 2 diabetes mellitus	2.0989724590691297

Strongest Symptoms for "COVID19"

Symptom	Lower Confidence Limit of Proportional Reporting Ratio >= 2
Pancreatic carcinoma	3.0282189341785477
Pancreatitis acute	2.417751509369955
Endoscopic retrograde cholangiopancreatography	2.240102042259575

Safety Signals

Reproductive Organs

Strongest Symptoms for "COVID19"

Symptom	Lower Confidence Limit of Proportional Reporting Ratio ≥ 2
Heavy menstrual bleeding	40.60019279561212
Intermenstrual bleeding	31.88053362930803
Premenstrual pain	12.971478471951444
Premenstrual syndrome	11.97780724423426
Menstruation delayed	10.084477153668384
Menstrual disorder	6.492359581193328
Menstruation irregular	6.136435082153709
Menstrual discomfort	5.561067805790842

Neurological disorders are the most common

According to WHO data, neurological disorders have the greatest incidence compared to disorders of other body systems. However, neurological disorders may not be reported as an injury, because they may manifest as emotional or personality or cognitive disorders rather than physical incapacities.

[Survey of Family Illness Following the Covid Jab](#) found a high incidence of neuropathy and thyroid disorders.

ACE 2

The spike protein of SARS-CoV-2 **binds to the ACE2 receptor**.

- The **spike protein** (S-protein) contains a **receptor-binding domain (RBD)**.
- This RBD specifically recognizes and binds to the **ACE2 receptor** found on the surface of many human cells, especially in the lungs, heart, kidneys, and intestines.

ACE2 is expressed in many endocrine-related tissues, including the pancreas, thyroid, adrenal glands, testes, and ovaries.

When the spike protein binds to ACE2, it can **downregulate ACE2 expression**, disrupting the **renin–angiotensin system (RAS)**. This imbalance may lead to inflammation, oxidative stress, and vascular dysfunction.

In endothelial cells, spike protein binding has been shown to **increase ACE2 expression and glucose uptake**, which may influence insulin sensitivity and metabolic regulation

Pancreas: May contribute to insulin resistance or beta-cell dysfunction, increasing risk of diabetes.

Thyroid: Can trigger thyroiditis or autoimmune thyroid disorders.

Adrenal glands: RAS disruption may affect cortisol regulation and stress response.

Reproductive organs: ACE2 is present in testes and ovaries, suggesting possible impacts on fertility and hormone production.

How Does ACE 2 Binding by Spike Effect Adrenal Glands?

Disruption of the **renin–angiotensin system (RAS)** can indeed contribute to **excessive anxiety**, largely through its impact on **cortisol regulation** and **neuroinflammation**.

How RAS Disruption Fuels Anxiety

Cortisol dysregulation: The RAS interacts with the hypothalamic–pituitary–adrenal (HPA) axis, which governs cortisol release. When RAS is overactivated or imbalanced (as can happen with ACE2 downregulation), it can lead to **elevated or erratic cortisol levels**, which are strongly linked to anxiety symptoms

Neuroinflammation: RAS overactivity can promote inflammation in the brain, particularly in regions like the amygdala and hippocampus—both key to emotional regulation

Angiotensin II effects: This RAS hormone can increase sympathetic nervous system activity and oxidative stress, both of which are associated with heightened anxiety and panic responses.

<https://neurolaunch.com/cortisol-and-anxiety/>

<https://www.frontiersin.org/journals/immunology/articles/10.3389/fimmu.2022.1053136/full>

Worst Vaccines for "Immunisation anxiety related reaction"

Vaccine	Lower Confidence Limit of Proportional Reporting Ratio
COVID19	2.412844918427463

Strongest Symptoms for "Select Vaccine"

Symptom Lower Confidence Limit of Proportional Reporting Ratio ≥ 2

Worst Vaccines for "Panic attack"

Vaccine	Lower Confidence Limit of Proportional Reporting Ratio
COVID19	2.2812609157756443
HPVX	1.954314246613047
HPV4	1.6882021449972684
HPV2	1.2731840112510775
HPV9	1.0520820711112675

How Does ACE 2 Binding by Spike Effect Thyroid Glands?

RAS (renin–angiotensin system) disruption can contribute to **thyroiditis** through several interconnected mechanisms, especially when ACE2 activity is altered by viral or inflammatory triggers:

ACE2 expression in thyroid tissue: The thyroid gland expresses ACE2 receptors, making it susceptible to the spike protein, and local inflammation when ACE2 is downregulated or dysregulated.

Inflammatory cascade activation: RAS imbalance—especially elevated angiotensin II—can promote **pro-inflammatory cytokines** like IL-6 and TNF- α , which are known to trigger autoimmune and inflammatory responses in the thyroid.

Oxidative stress: Angiotensin II increases oxidative stress, which can damage thyroid cells and provoke immune-mediated thyroiditis.

Immune system modulation: RAS components influence immune cell behavior. Disruption may lead to **loss of immune tolerance**, increasing the risk of autoimmune thyroid conditions like Hashimoto’s thyroiditis

The spike protein binds to ACE2, potentially downregulating its protective effects.

This can lead to **local inflammation in ACE2-rich tissues**, including the thyroid, contributing to **subacute thyroiditis** or **autoimmune thyroid dysfunction** post-infection

<https://www.hilarispublisher.com/open-access/impact-of-endocrine-disruptors-on-thyroid-function.pdf>

<https://www.restartmed.com/endocrine-disruptors-thyroid/>

<https://www.frontiersin.org/journals/endocrinology/articles/10.3389/fendo.2024.1429884/full>

<https://www.restartmed.com/endocrine-disruptors-thyroid/>

Worst Vaccines for "Endocrine ophthalmopathy"

Vaccine	Lower Confidence Limit of Proportional Reporting Ratio
COVID19	3.043697802809394

Strongest Symptoms for "Select Vaccine"

Symptom Lower Confidence Limit of Proportional Reporting Ratio ≥ 2

Worst Vaccines for "Hormone level abnormal"

Vaccine	Lower Confidence Limit of Proportional Reporting Ratio
HPV4	2.34561934826422
HPV9	2.2860740015504835
COVID19	2.153601369747244

Strongest Symptoms for "Select Vaccine"

Symptom Lower Confidence Limit of Proportional Reporting Ratio ≥ 2

How Does ACE 2 Binding by Spike Effect Reproductive Organs?

Disruption of the **renin–angiotensin system (RAS)** can affect the menstrual cycle by interfering with hormonal regulation, vascular function, and inflammation—all of which are critical to reproductive health.

How RAS Disruption Impacts Menstrual Function

- **Hormonal imbalance:** RAS interacts with the hypothalamic–pituitary–gonadal (HPG) axis, which regulates estrogen and progesterone. Disruption can lead to irregular hormone levels, causing **oligomenorrhea** (infrequent periods) or **amenorrhea** (absence of periods).
- **Endometrial blood flow:** Angiotensin II, a key RAS hormone, influences uterine blood vessels. Excessive levels may impair **endometrial perfusion**, affecting the thickness and shedding of the uterine lining.
- **Inflammatory effects:** RAS imbalance can promote inflammation, which may contribute to **painful periods (dysmenorrhea)** or exacerbate conditions like **endometriosis**.
- **Insulin resistance and PCOS:** RAS disruption is linked to metabolic dysfunction, which can trigger or worsen **polycystic ovary syndrome (PCOS)**—a common cause of menstrual irregularity

ACE2 and Menstrual Physiology

- **ACE2 is expressed in the endometrium**, the inner lining of the uterus that thickens and sheds during menstruation.
- When the SARS-CoV-2 spike protein binds to ACE2, it can **downregulate ACE2 activity**, disrupting the **local renin–angiotensin system (RAS)**.
- This disruption may lead to **vascular instability**, increased inflammation, and impaired tissue repair—all of which can contribute to heavier bleeding.

Strongest Symptoms for "COVID19"

Symptom	Lower Confidence Limit of Proportional Reporting Ratio >= 2
Heavy menstrual bleeding	40.60019279561212
Intermenstrual bleeding	31.88053362930803
Premenstrual pain	12.971478471951444
Premenstrual syndrome	11.97780724423426
Menstruation delayed	10.084477153668384
Menstrual disorder	6.492359581193328
Menstruation irregular	6.136435082153709
Menstrual discomfort	5.561067805790842

Summary

The spike protein certainly affects the endocrine system through binding to the ACE2 receptor. This is one of the causes of excessive anxiety through dysregulation of the adrenal glands, which is shown in safety signals for panic attacks.

Excessive menstrual bleeding is caused by dysregulation of hormonal levels, and there are very strong safety signals for excessive bleeding following the Covid injection.

Thyroiditis is caused by disruption of the RAS system, and there are strong safety signals for acute thyroiditis following the Covid injection. This was also noted in the Family Survey of Illness following the Covid Jab.

So already, within 5 minutes, we are seeing many effects that are associated with significant endocrine disorder!

It takes any educated person 5 minutes to see this, but it takes 10,600 CDC employees, and 16,000 FDA employees, on an average income of \$100,000 per year each, totaling approximately $100,000 \times 26,600 = \$2,660,000,000$, to come up with NOTHING!

It looks as if their high salaries are being used to buy their silence, rather than to pay for their work. So, it would be better if their salaries were halved, so that money did not overwhelm their sense of duty. Poor people tend to speak the truth because meagre money is not an incentive to lie.

\$2.6 billion is too much money for organizations that do nothing to protect their own population.

Agency	Employees	Avg Salary	Estimated Payroll
CDC	10,600	\$101,176	~\$1.073 billion
FDA	16,000	~\$95,000	~\$1.52 billion
Total	—	—	~\$2.6 billion

These figures reflect base salaries and don't include benefits, bonuses, or contractor costs.