

# Exhibit 164

Are Your COVID-Injected Friends and Family Members Brain Damaged?

<https://drtenpenny.substack.com/p/are-your-covid-injected-friends-and>

## Are Your COVID-injected Friends and Family Members Brain Damaged?

Neurological damage is slow to manifest. Are you seeing it now?



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The list of complications, conditions, and diseases resulting from the COVID shots is nearly endless and can affect any organ system in the body. Pfizer knew. **Here's their document.** Look at the last 8 pages at the list of more than 1100 serious side effects and

life-threatening illnesses Pfizer knew would happen to those who took even ONE shot.

And the FDA gave them a pass, approving the shot with an Emergency Use Authorization, so they could not be sued.

We posted an article on The Tenpenny Reports: **They All Knew.**

When I wrote **the two eBooks** – ‘The 20 Mechanisms of Injury (MOI)’ and then, ‘The 20 More Mechanisms of Injury (MOI)’ – in 2021, 10 of the 40 MOI for how the COVID-19 shots can make you sick or kill you were neurologic.

Here’s the list from the eBooks: (MOI = Mechanisms of Injury)

- **MOI # 9** - Loss of Blood-Brain Barrier (BBB) integrity
- **MOI # 10** - Amyotrophic Lateral Sclerosis (ALS)
- **MOI # 11** - Frontotemporal lobe degeneration: (multiple types)
- **MOI # 12** - Circulating S1 spike protein and brain damage
- **MOI # 13** - Spike protein binds to the acetylcholine receptors (AChR)

- **MOI # 14** - Visual disturbances
- **MOI # 15** - Miller Fisher Syndrome (MFS) – variant of GBS
- **MOI # 16** - Facial paralysis
- **MOI # 17** - Multiple sclerosis
- **MOI # 18** - Immune response to stimulate spike proteins against brain cells

Since these reference documents were published, (between the end of 2020 through mid-2021), I have identified several more MOI and it seems that each week, more studies come out that confirm the 40 mechanisms I originally identified.

**STUDY OF THE WEEK: How Does SARS-CoV2 Affect the Brain and Its**

**Implications for the Vaccines Currently in Use (Oldfield, et al)**

This study published by Oldfield in January 2022, is really eye-opening. Here's just the abstract, edited lightly for clarity:

This mini-review focuses on the mechanisms of how SARS-CoV-2 affects the brain, with an emphasis on the role of the spike protein in patients with neurological symptoms.

Following infection, patients with a history of neurological complications may be at a higher risk of developing long-term neurological conditions associated with the  **$\alpha$ -synuclein prion, such as Parkinson's disease and Lewy body dementia.**

Compelling evidence has been published to indicate that the spike protein, which is derived from SARS-CoV-2 **and generated from the vaccines** currently being employed, *is not only able to cross the blood–brain barrier but may cause inflammation and/or blood clots in the brain.*

Consequently, should vaccine-induced expression of spike proteins not be limited to the site of injection and draining lymph nodes [*we now know they do NOT remain localized*] there is the potential of long-term implications following inoculation that may be identical to that of patients exhibiting neurological complications after being infected with SARS-CoV-2.

Wow. You may want to read that again.

Let's drill down on this article – starting with some definitions:

**$\alpha$ -Synuclein:** This is the major component of Lewy bodies, which are characteristic of Parkinson's disease and Lewy body dementia. There are many speculations on what the primary function of  $\alpha$ -synuclein may be under healthy conditions. However, the accumulation of this protein when it is folding abnormally seems to be central to neurodegeneration. Since the culprit of chronic illness has been widely described as being the spike protein, **a 2021 study of monkeys** provided compelling evidence that the spike protein associated with SARS-CoV2 is responsible for Lewy body formation.

- **Parkinson's disease:** This is a long-term degenerative disorder of the central nervous system affecting the motor system. The most obvious early symptoms are tremors, rigidity, slowness of movement, and difficulty with walking.
- **Lewy body dementia:** This is a type of dementia associated with difficulty thinking, movement, behavior, and mood. Lewy body dementia is one of the most common causes of dementia, affecting more than 1 million individuals in the United States and millions more around the world.

Both Parkinson's disease and Lewy body dementia are both characterized by intracellular aggregates of misfolded  $\alpha$ -synuclein protein in brain neurons. The two diseases together are the second most common cause of neurodegenerative dementia after Alzheimer's disease.

## The Oldfield article goes on:

“...many of the serious neurological symptoms associated with COVID-19 are due to hypoxia, cytokine storms, and blood clots, **all of which contribute to damaging neurons in the brain**. Some of the symptoms of brain injury include loss of smell and taste (anosmia), severe headaches, debilitating fatigue, trouble thinking clearly (brain fog), seizures, strokes, and various degrees of paralysis.”

We know that these symptoms can be attributed to the spike protein, which can enter the brain via two primary entryways:

- 1. Through the vasculature:** All of the blood vessels in the brain have ACE2 receptors. The spike protein binds to this receptor, which essentially ‘opens the door’ and allows the spike protein to enter and create promote micro-thrombi, leading to micro and macro blood clots.
- 2. By directly damaging the blood-brain barrier:** The blood-brain barrier (BBB) is the microvasculature of the central nervous system (CNS). The tight junctions in these specialized blood vessels control what is allowed to pass from the general circulation into the brain. The BBB protects the CNS from toxins, pathogens, and other pro-inflammatory molecules. Spike proteins tested *in vitro* caused significant changes to the properties of the blood-brain barrier (BBB) with **loss of barrier**

**integrity.** When the BBB is destabilized, the spike protein – and many other destructive substances – can freely pass into the brain, leading to the neurological complications seen with shot recipients.

**A separate mouse study** showed that spike 1 proteins tagged with iodine (I-S1) crossed the BBB very quickly. In fact, more than 50% of I-S1 crossed the capillary wall and entered the brain tissue and interstitial fluid spaces *within 30 minutes* of the IV injection. The spike protein was taken up by all 11 areas of the brain that was tested, which could explain the wide variety of different neurological symptoms that are observed clinically.

Oldfield's article clearly lays out the effect of the COVID SHOTS on brain tissue:

Connecting these phenomena to the vaccine administration site, which is the deltoid muscle, was the observation that the spike protein S1 subunit was detectable in the systemic circulation *up to approximately two weeks post-injection* in **eleven out of thirteen healthcare workers**. Although concentrations of the S1 subunit were low, this study provides proof-of-principle that spike proteins can get into circulation following inoculation. [and hence, into the brain -ST]

It has also been demonstrated that the spike protein S1 subunit alone is responsible for initiating pro-inflammatory responses via Toll-like receptor 4. When the spike protein



is bound to the ACE2 receptor on the surface of platelets, the cells can rupture and start the cascade **to form blood clots**.

Although it seems we've been talking about this Plandemic and its nefarious shots forever, the Pfizer and Moderna shots were first unleashed on the world in December 2020; the J&J and AstraZeneca shots soon after, in February 2021. That's a mere 19 and 16 months ago, respectively. You ARE the experiment. And yes, you – or those you know - volunteered. They refused to listen. They refused to be warned. Not a single person in the US was held on the ground and jabbed with a needle while a gun was at their head.

Can it be any clearer that the cause of so much pathology observed from the COVID injections is from the spike proteins produced in perpetuity by the mRNA, gene-modification technology that came through that needle?

Those who claim, "I had the shots and I'm fine" – will they develop Parkinson's disease or Lewy body dementia in 10 or so years? Is brain dysfunction already starting to appear?

Talk to your double-vaxxed and boosted friends and family members; I think you can determine that yourself. The Zombie Apocalypse has only just begun.