

Central Nervous System (CNS) Vasculitis: Blood Vessel Inflammation in the Brain Caused by COVID-19 mRNA Vaccines

Confirmed by a new September 2023 Japanese study by Ariyoshi, et. al.

By [Dr. William Makis](#)

Theme: [Science and Medicine](#)

Global Research, October 19, 2023

[COVID Intel](#) 18 October 2023

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Oct. 2023 - Byron, GA - Hannah Bennett graduated from Middle Georgia State University and started struggling with a "viral infection" in Aug.2022. In Jan. 2023 she was diagnosed with CNS Vasculitis and Oct. 2023 MRI showed progressing atrophy in areas of her brain.



Giving Hands for Hannah · Follow

October 8 at 1:56 AM · 🌐

We want to welcome everyone to this page that was created for Hannah Bennett and her family where we will share updates on Hannah's condition and post organized fundraisers to help support them during this difficult time. For those that are new to Hannah's story, she is a strong, bright, beautiful young woman that has been in a serious fight for her life for more than a year. Unfortunately this is not the first time for Hannah, she has suffered from Neuropsychiatric (neuro-lupus) since a young age and had a severe "flare up" that almost cost her life just before she started high school. Hannah came back strong and graduated high school as an honor student of distinction while completing her associates degree from Middle Georgia State University. Last August, just as she planned to attend Kennesaw State University Hannah got sick from a common virus that would leave most people with a fever for a couple days. For Hannah, with a compromised immune system from the Lupus it turned into acute meningitis, not once but twice in a short time span. After months of not recovering as expected [Hannah was diagnosed at the beginning of this year with CNS Vasculitis](#), a rare disease that causes inflammation of the small arteries and veins in the brain and/or spinal cord. This has left Hannah homebound relying on help for everyday tasks and functionality. For the last 14 months Hannah has undergone numerous infusions, treatments and therapy regimens that have yet to yield a cure for this disease. Hannah and her parents have been traveling an hour and a half from home for all of her treatments and multiple hospital stays which has since depleted any paid leave from their jobs. This week Hannah had another set back with a bacterial infection and news that her most recent MRI showing progressing atrophy in areas of her brain. With all non invasive treatments being exhausted she now faces brain surgery in the immediate future. This surgery will allow neurosurgeons to collect a sample of brain tissue to identify specifically what is causing the CNS Vasculitis and hopefully lead to a definitive treatment. To all of you that have already shared her story and made donations, we cannot thank you enough but her journey is far from over and we hope to reach as many people as possible willing to share her story and help support her in any way they can along the way.

Canadian Health Officials knew about this particular Pfizer side effect:

[Nov. 2021](#) - Oshawa, Ontario, Canada - 31 year old Kayla Jones is a Real Estate Law Clerk and she had 2 Pfizer mRNA vaccine doses (2nd dose June 25, 2021). Her story is fascinating. She crashed her car Sep. 20, 2021 and started having seizures and strokes and was eventually diagnosed with CNS Vasculitis.

CNS Vasculitis (covid Vaccine Injury)



Kayla Jones is organizing this fundraiser.
Created November 17th, 2021



Kayla Jones
Organizer
Oshawa, ON

My story...

My name is Kayla and I am a 31 year old mother of 2, up until now a working Real Estate Law Clerk, and fully independent and self sufficient.

I received my first dose of Pfizer in May. Shortly after the shot I started experiencing ocular migraines and voids in my vision. I went to lakeridge health and they told me I had a detached retina and sent me to eye doctor who did not even examine me just informed me I was experiencing ocular migraines.

I received second dose of Pfizer on June 25th and the morning of June 28th I woke up with left hand numbness clumsiness, heaviness, lack of fine motor skills, unable to identify what my left hand was touching or holding ect as well as confusion, lack of memory retention and just not feeling right. I contacted my doctor and was told this was nerve damage from the needle possibly hitting a nerve and it would go away and mixed with some brain fog from injury to my nerve. (Public health vaccination program was also notified by my doctor and followed up with me to tell me they diagnosed my case as nerve damage as well and cleared me for further vaccinations) I went to Lakeridge for further investigation this same day and I was told it was nerve damage and low potassium and to eat more bananas and I'd be fine. After a few weeks of no improvement I went to a walk in clinic who referred me to a neurologist. This appointment was not scheduled until a few months later so I followed up with the walk in again but received no further advice or help other than to wait it out and nerves heal themselves. Fast forward to September 20th (still no left hand improvement) I was driving and kind of had a slight loss of comprehension of what was going on and I turned left in an intersection into a vehicle and wrote my car off. My memory of the event is very foggy. I followed up with my neurologist who sent me for an MRI on October 8th. I was contacted by my doctor to go for another MRI as my results were abnormal but they would not give me any further information. Next MRI was scheduled for November 1st. I continued working and going through normal daily activities still with same symptoms. On October 20th I was at work and had a grand Mal seizure/ grand tonic clonic seizure for slightly over 5 minutes. I was still on floor convulsing when paramedics showed up. Lakeridge did bloodwork and sent me home telling me I had low potassium and gave me a prescription for potassium which can only be bought over the counter anyways. November 1st I went for Second MRI and on November 2nd my neurologist called me to tell me I have strokes riddled all throughout my brain and to get my butt to Sunnybrook hospital in Toronto. The first stroke was when my hand went numb and the MRI shows I was having strokes even during the few weeks leading up to my second MRI on November 1st. Sunnybrook completed full work ups including multiple MRIs CT scans blood work angiogram spinal taps (they tried bedside first but I have deteriorating disc's so they ended up having to do it by guided ultrasound)... you name it I've been tested for it. They have diagnosed me with CNS vasculitis which is central nervous system vasculitis and is very very rare, so rare they have no medical reference, studies or articles to refer to for diagnosis or

treatment. They did brain surgery on the 15th of November for a brain biopsy to determine treatment. (The biopsy revealed perivascular inflammation as well). While they waited the results of the biopsy they went ahead with treatment of CNS vasculitis which is a heavy dose of I.v. steroids. They thought treating me with steroids preemptively was better than waiting for results of biopsy to avoid further brain trauma. After the steroids were down to a level I could take in pill form they discharged me and I was finally able to go home to see my kids. The plan was to have me on steroids and see how it goes. Then they would try to decrease dosage to get me to a point where they could start me on immune suppressants. I have sat at home literally feeling like they sent me home to die. I have no answers, no support, no guidance, no therapy, no referrals for any programs. Nothing. I have had to try and navigate through government programs on my own, health system on my own, I have so many unfortunate side stories that would require a novel in order to actually get my story across. Even during my month stay at Sunnybrook I was subjected to awful circumstances. The amount I get from the government for employment insurance, which I have paid into for years, is not even enough to pay rent and I am still expected to pay for my own medication because the government's assistant provided for medication is basing my income off of last year and will not reassess until I file my 2022 taxes. Yes. My 2022 taxes. So I have my 12 year old son bringing canned goods home from his school in his back pack. All I did was listen to the government and get my vaccine and now my whole life has changed and I'm left all alone and to fight my way through life without any resources or assistance. I never took medication. Now I take shot cups of medication daily. I have been told by doctors that it's unfortunate but you just take what life gives you. Um, no. Life did not give me this, the VACCINE DID!!!! I was told by my physio therapist that my hand will never recover, um how about you be optimistic and help me try? I could continue but just typing this out gets depressing. If anyone has any questions or would like any further information please do not hesitate to contact me.

*** as of March 24th my steroid dosage had decreased to a low dosage. What I thought was withdrawal symptoms (never have I gone through withdrawal but Google said lol) turned out to be my vasculitis slowly flaring back up again. Doctors now have me on immune suppressants as well as the steroids.

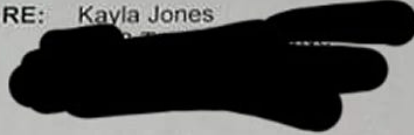
But here is a crucial piece of the puzzle. Ontario government officials advised her "No further COVID-19 vaccine until client seen at CNS Vasculitis clinic."



The Regional Municipality of Durham

2021-11-29

RE: Kayla Jones



Dear Kayla Jones:

HEALTH DEPARTMENT

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Canada

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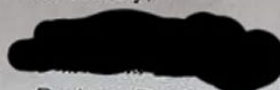
Follow-up regarding a reported vaccine reaction was recently completed by the Durham Region Health Department following the administration of the **Pfizer COVID-19** vaccine on **June 25th, 2021**.

Upon review of the information by the Associate Medical Officer of Health it is recommended:

- No further COVID-19 vaccine until client seen at CNS Vasculitis clinic

Please feel free to contact me if you have any questions. I can be reached at (905) 668-4113, or by fax at 905-666-6216 between the hours of 8:30 a.m. and 4:30 p.m. Monday to Friday. If you are calling long distance, please call 1-800-841-2729

Sincerely,



RN

Durham Region Health Department

"Service Excellence
for our Communities"

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March 2023 - Andover, MN - Scott Mathison was diagnosed with CNS Vasculitis in Mayo Clinic, after months of ER visits and hospitalizations.



Hello, we are Brianna and Amber, the daughters of Scott Mathison. Since the beginning of this year our dad has been pretty sick; resulting in numerous visits to the ER, lengthy hospitalizations, several different diagnoses/misdiagnoses and medications, none of which have helped him to feel or get any better, and actually made him feel worse. Finally in July, our father's medical team at Noran Clinic of Neurology was able to get his medical case accepted by doctors at the Mayo Clinic in Rochester, MN

After traveling to the Mayo Clinic, with long hotel stays, lots of tests and appointments, as well as a long hospital stay at Mayo, we finally have some answers. **Our dad has been diagnosed with CNS (Central Nervous System) Vasculitis**, which is a very rare auto-immune disease, which less than 3 people out of one million get. There is no cure for this, but it is treatable. The course of treatment that has been chosen for our dad is high-dose steroids and Cytosan pulse therapy (chemo).

[March 2023](#) - Cocoa, FL - Adam Schmalenberger started having strokes in Oct. 2021 and he was diagnosed with CNS Vasculitis in June 2022 in Mayo Clinic.

Lets help Adam ❤️



Lisa Ripoll is organizing this fundraiser on behalf of Amanda Adrian.



Lisa Ripoll →

Organizer
Cocoa, FL

A lot of people have not been in the loop but one of our favorites- Adam "Country" has been **battling a series of strokes over the last few months**... he made a decent recovery with minimal side effects from the first two and has been out of work trying to figure out the whys and what next with no income since October 2021. Unfortunately yesterday I received a phone call from him asking for help because he didn't know what was happening & was extremely confused and slurring, and unfortunately come to find out he was having another stroke. Obviously we called for help and he was transported to the nearest hospital but unfortunately they do not have the resources to treat him so he was transferred again to Halifax in Daytona where he is in ICU receiving the best care possible. The outcome unknown at this point but I do know Adam Schmalenberger needs our help more than ever.

• **June 7th, 2022** by Amanda Adrian, Beneficiary

Leading up to Adams to discharge from Mayo clinic a week and a half ago, the doctors diagnosed him with vasculitis and sent him home on a steroid therapy with many doctor appointments to follow up with, yesterday Adam met with a team of doctors at Mayo, and everything seemed to be heading in the right direction with a plan for treatments & surgeries laid out over the next few months. Unfortunately today Adam had another stroke episode and had to go back to Mayo, they are admitting him for further observation & testing. Please keep him in your thoughts and prayers!

• **July 12th, 2022** by Amanda Adrian, Beneficiary

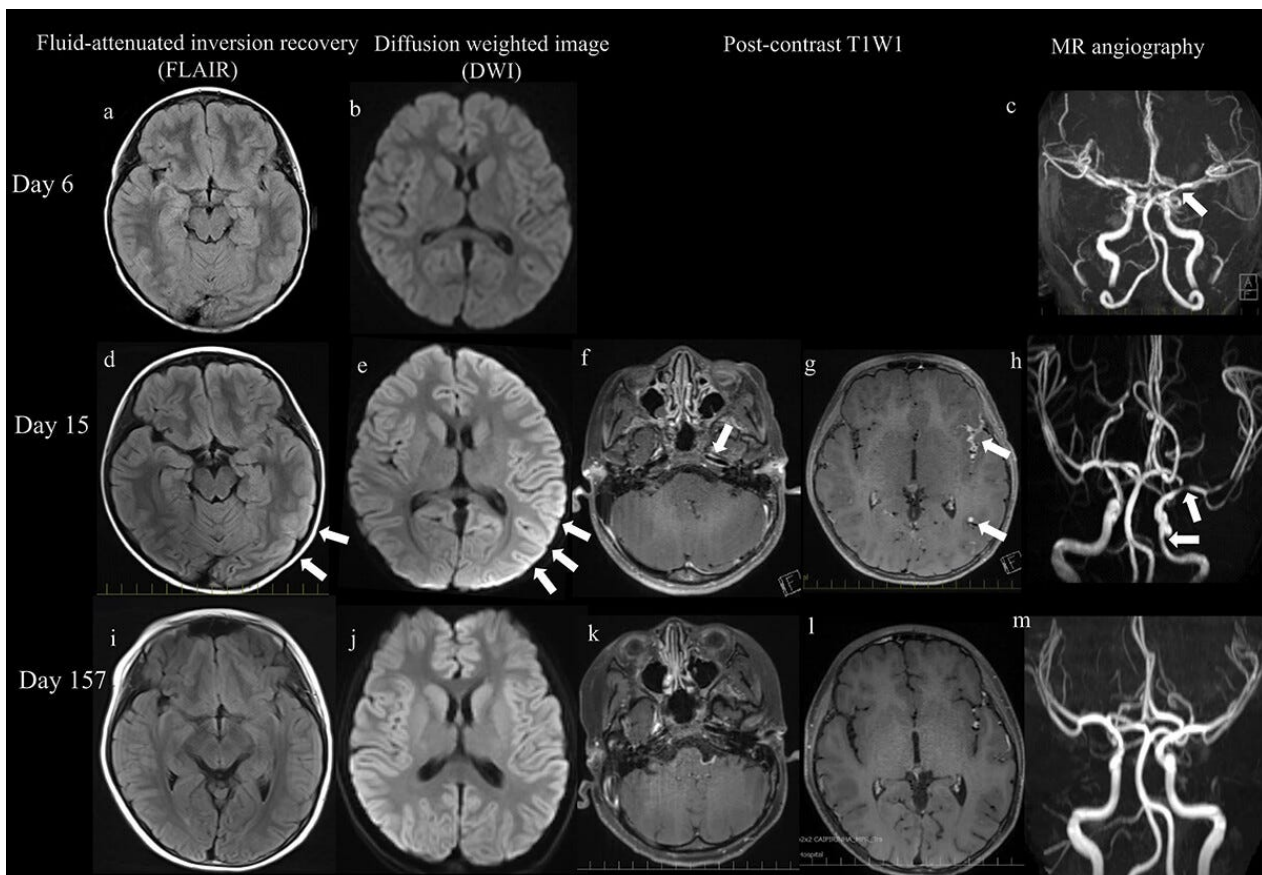
Adam was transferred to Mayo Hospital on Saturday evening, he is currently intubated & in ICU.

On Sunday the doctor suggested that there may possibly be a surgical repair that would bypass the problematic areas in his brain to provide fresh blood beyond those areas, but after further testing yesterday his team said that those surgeries are not an option. They are however analyzing the risk/benefit of moving forward with an **immuno suppressant infusion therapy (Cyclophosphamide) to treat CNS Vasculitis**, these infusions were previously planned to start at the beginning of August (because they wanted to make sure his body was clear of the previous kidney and blood infections). At this point it appears that the risk of infection is much less than the risk/damage of another stroke.

Literature

[2023 Sep. 29 - Ariyoshi et al](#) - Childhood primary angiitis of the central nervous system following COVID-19 vaccination (BNT162b2/Pfizer-BioNtech): A case report

- 9 year old Japanese boy, previously healthy, had 2 doses of Pfizer mRNA
- 1 day after 2nd Pfizer dose he developed fever and a left-sided headache.
- 6 days after onset of fever, brain MRI showed stenosis at beginning of left middle cerebral artery.
- Testing determined CNS Vasculitis and he was treated with steroids



[2021 Nov. 16 - Takeyama et al](#) - Intracerebral hemorrhage due to vasculitis following COVID-19 vaccination: a case report

- 48F Japanese woman had 1st dose of Pfizer COVID-19 mRNA vaccine
- two days after Pfizer she noticed a gradually progressing left hemiparesis.
- Head CT showed intracranial hemorrhage up to 5.6cm and she had a craniotomy
- Pathology showed a neutrophilic vasculitis at the level of capillary to postcapillary venules
- Theory: "pathogenesis of vasculitis following vaccination remains unclear, although an autoimmune mechanism mediated by vaccine proteins has been proposed. Therefore, similar to influenza vaccination, the COVID-19 vaccination may result in vasculitis in several organs"

[2022 Sep - Morz et al](#) - A Case Report: Multifocal Necrotizing Encephalitis and Myocarditis after BNT162b2 mRNA Vaccination against COVID-19

- 76M man received three COVID-19 vaccines: AstraZeneca, followed by two Pfizer

vaccines in July and December 2021.

- he died 3 weeks after 2nd Pfizer dose.
- Pathology: unexpected acute vasculitis, necrotizing encephalitis, myocarditis
- staining for mRNA Vaccine spike protein revealed presence of spike protein in blood vessel walls



Case Report

A Case Report: Multifocal Necrotizing Encephalitis and Myocarditis after BNT162b2 mRNA Vaccination against COVID-19

Michael Mörz

Citation: Mörz, M. A Case Report: Multifocal Necrotizing Encephalitis and Myocarditis after BNT162b2 mRNA Vaccination against COVID-19. *Vaccines* 2022, 10, 1651. <https://doi.org/10.3390/vaccines10101651>

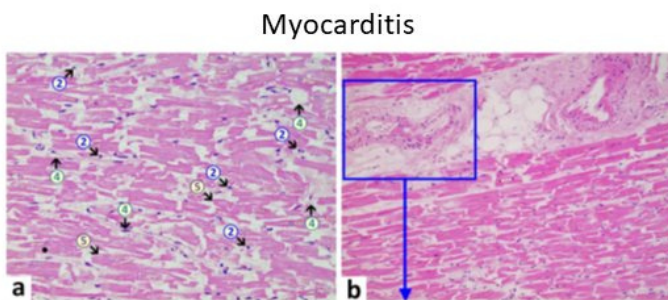
Academic Editor: Sung Ryoul Shim

Received: 31 August 2022

Accepted: 27 September 2022

Published: 1 October 2022

Abstract: The current report presents the case of a 76-year-old man with Parkinson's disease (PD) who died three weeks after receiving his third COVID-19 vaccination. The patient was first vaccinated in May 2021 with the ChAdOx1 nCov-19 vector vaccine, followed by two doses of the BNT162b2 mRNA vaccine in July and December 2021. The family of the deceased requested an



Vasculitis/Encephalitis

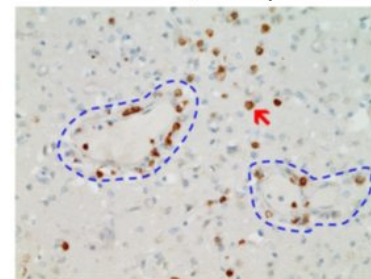


Figure 8. Frontal brain. Immunohistochemistry for CD3 (expressed by T-lymphocytes) shows numerous CD3-positive lymphocytes (brown granules; red arrow highlights an example), particularly within the endothelium, but also in the brain tissue, indicative of lymphocytic vasculitis and encephalitis. Blue dotted lines: blood vessels. Magnification: 200x.

My Take...

This is evidence of INFLAMMATION IN THE BRAIN, caused by COVID-19 mRNA Vaccines.

And the Morz paper showed spike protein in the blood vessel walls causing CNS vasculitis.

Please note how difficult it is to get this diagnosis (2 of the 4 cases I present were made by Neurology specialists at the Mayo Clinic)

This mRNA vaccine injury manifests by strokes or seizures (or both).

Now think of the thousands of young people who are having unexplained strokes (or seizures).

How many of them have post mRNA Vaccine inflammation in the brain and cannot get a proper diagnosis?

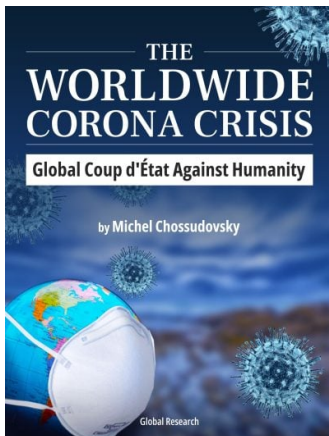
Also consider that I provided proof, in this article, of one of the very few COVID-19 Vaccine exemptions ever issued by a Canadian provincial government.

*

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Dr. William Makis is a Canadian physician with expertise in Radiology, Oncology and Immunology. Governor General's Medal, University of Toronto Scholar. Author of 100+ peer-reviewed medical publications.

Featured image is from COVID Intel



The Worldwide Corona Crisis, Global Coup d'Etat Against Humanity

by Michel Chossudovsky

Michel Chossudovsky reviews in detail how this insidious project “destroys people’s lives”. He provides a comprehensive analysis of everything you need to know about the “pandemic” — from the medical dimensions to the economic and social repercussions, political underpinnings, and mental and psychological impacts.

“My objective as an author is to inform people worldwide and refute the official narrative which has been used as a justification to destabilize the economic and social fabric of entire countries, followed by the imposition of the “deadly” COVID-19 “vaccine”. This crisis affects humanity in its entirety: almost 8 billion people. We stand in solidarity with our fellow human beings and our children worldwide. Truth is a powerful instrument.”

Reviews

This is an in-depth resource of great interest if it is the wider perspective you are motivated to understand a little better, the author is very knowledgeable about geopolitics and this comes out in the way Covid is contextualized. —Dr. Mike Yeadon

In this war against humanity in which we find ourselves, in this singular, irregular and massive assault against liberty and the goodness of people, Chossudovsky's book is a rock upon which to sustain our fight. -Dr. Emanuel Garcia

In fifteen concise science-based chapters, Michel traces the false covid pandemic, explaining how a PCR test, producing up to 97% proven false positives, combined with a relentless 24/7 fear campaign, was able to create a worldwide panic-laden “plandemic”; that this plandemic would never have been possible without the infamous DNA-modifying

Polymerase Chain Reaction test – which to this day is being pushed on a majority of innocent people who have no clue. His conclusions are evidenced by renown scientists.
—Peter Koenig

Professor Chossudovsky exposes the truth that “there is no causal relationship between the virus and economic variables.” In other words, it was not COVID-19 but, rather, the deliberate implementation of the illogical, scientifically baseless lockdowns that caused the shutdown of the global economy. –David Skripac

A reading of Chossudovsky’s book provides a comprehensive lesson in how there is a global coup d’état under way called “The Great Reset” that if not resisted and defeated by freedom loving people everywhere will result in a dystopian future not yet imagined. Pass on this free gift from Professor Chossudovsky before it’s too late. You will not find so much valuable information and analysis in one place. –Edward Curtin

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