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Covid Vaccine Research

Scientific Publications & Case Reports

Collection of peer reviewed case reports and studies citing adverse effects post Covid vaccination.



Research Primer: How to read and understand research

“Critically” reading a research paper is a vitally important skill. The primary goal when you read a research paper, is to understand the scientific contribution/s the author/s are making to a particular subject or area of medicine.

Sometimes papers are complex and may require reading it numerous times to capture all the important components. This can be especially true of more complex research based on randomized controlled trials or systematic reviews.

There are many ways to tackle reading research articles. For most in a hurry this may be simply skipping to the end to look for the “ultimate” conclusions. While certainly an expeditious approach, the reader will miss out on the entire process which led to that conclusion.

Understanding the process is vital as it can help determine the “weight” or “validity” of the conclusion drawn. Let’s take a simplistic example. A study was conducted recently, and the conclusion was drawn that those eating a single apple a day were less likely to see doctor when followed over a period of 1 year. Now based solely on reading the conclusion, some may simply accept this as fact and rush out to eat an apple a day. Doing a deeper dive into the article, we find that the population studied was only 100 people and the system to track whether indeed they ate an apple every day was based solely on self-report. Knowing this information helps us to judge the “power” of the study.

There are many different approaches to reading a paper, but in general, following 3 easy steps may assist you getting more out of your reading.



STEP1. First browse over the paper

Most research papers are divided into standard sections:

- Title
- Abstract
- Introduction
- Headings of sections and sub-sections
- Statistical methods used, mathematical and data content
- Conclusion
- References

During the first review you should be able to determine what type of research paper it is:

- systematic review
- review article
- randomized control trial
- qualitative vs quantitative
- observational study
- animal vs human study
- study protocol

You can google each type of study to better understand the type of research approach taken by the author/s. You should also be able to determine if the paper and its conclusions are pertinent to you and your interests.

At this stage you should determine if the conclusions made are valid. Are the statistical methods used reliable (this may require further education in research), and are they applicable to the research methodology.

Step 2. Read the paper

Reading a research paper must be a critical process. Do not assume the authors are always correct. Be a skeptic in your approach – apply a keen eye to all research. Critical reading involves asking appropriate questions.

Here are some questions you should ask yourself when critically reading a paper:

- Is the study attempting to solve a problem?
- Are they solving the right problem?
- Are there other solutions the authors do not seem to have considered?
- What are the limitations of the solution (including limitations the authors might not have noticed or admitted)?
- Are the assumptions the authors make reasonable?
- Is the logic of the paper clear and justifiable, given the assumptions, or is there a flaw in the reasoning?
- If the authors present data, did they gather the right data to substantiate their argument?
- Did they gather and interpret the data in the correct manner?
- Would other data or other means of collection of data be more compelling?
- Are the results or ideas generalizable to wider populations?
- Are there improvements that might make important differences?

During the reading, it might be helpful to make notes. Take liberty to highlight any key points made by the authors, and look for the key data such as:

- population size
- sample size
- inclusion and exclusion criteria



- limitations
- data collection methods used

You may need to read the paper several times to fully understand what the authors are trying to determine.

Step 3. Compare the paper

Most importantly, **never “put all your eggs into one research basket.”** Once you have read and understand the paper, you should attempt to compare it to similar papers.

It is vital to note that making decisions, especially health decisions, based on one study can sometimes lead to more harm than good. Evidence-based medicine makes attempts to take many studies (sometimes over numerous years) to draw a conclusion on whether a treatment is appropriate.

Peer-Reviewed Publications:

Neuro:

General

Spectrum of neurological complications following COVID-19 vaccination:

<https://www.ncbi.nlm.nih.gov/labs/pmc/articles/PMC8557950/>

Covid Vaccines are not free of Neurologic side effects:

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8206845/>

COVID-19 mRNA vaccination leading to CNS inflammation: a case series

https://link.springer.com/article/10.1007/s00415-021-10780-7?fbclid=IwAR1WlozzELtGyD_DttkLNZFMcl3yW6iBW9C0v8uRyiYtTulzRvKVPE_xYko

A systematic review of cases of CNS demyelination following COVID-19 vaccination:

<https://pubmed.ncbi.nlm.nih.gov/34839149/>

Spectrum of neuroimaging findings in post-covid-19 vaccination: a case series and review of the

literature: <https://pubmed.ncbi.nlm.nih.gov/34842783/>

Neurologic autoimmune diseases following vaccinations: <https://pubmed.ncbi.nlm.nih.gov/34668274/>

New-onset autoimmune phenomena post COVID-19 vaccination: <https://pubmed.ncbi.nlm.nih.gov/34957554/>

Neurologic side effects of COVID-19 vaccinations: <https://pubmed.ncbi.nlm.nih.gov/34750810/>

Rebuttal about Functional Neurologic Disorders and Vaccination:

https://onlinelibrary.wiley.com/doi/full/10.1002/ana.26160?fbclid=IwAR3C-QQc-ZDEDoCu0fWNQuVYzvbc3qYHGekCaicU5-l_bOUz4N52jl1wj0

Neurologic safety monitoring of COVID-19 vaccines, lessons learned from the past to inform the present:

<https://pubmed.ncbi.nlm.nih.gov/34475124/>

Neurological side effects after first dose AstraZeneca and COVID-19 infection:

<https://pubmed.ncbi.nlm.nih.gov/34697502/>



Combined central and peripheral demyelination with Anti-neurofascin155 IgG following AstraZeneca: <https://pubmed.ncbi.nlm.nih.gov/35107062/>

Neuropathy

Small fiber neuropathy: <https://onlinelibrary.wiley.com/doi/10.1002/mus.27251...>

COVID-19 vaccinations may not only be complicated by GBS but also by distal small fiber neuropathy: <https://pubmed.ncbi.nlm.nih.gov/34525410/>

Possible mechanisms of neuropathies associated with covid-19 vaccination: <https://pubmed.ncbi.nlm.nih.gov/35119106/>

Acute inflammatory neuropathies with COVID-19 vaccines: subgroup disproportionality analysis in VigiBase: <https://pubmed.ncbi.nlm.nih.gov/34579259/>

POTS:

POTS following Pfizer: <https://www.cureus.com/articles/56242-a-case-of-postural-orthostatic-tachycardia-syndrome-secondary-to-the-messenger-rna-covid-19-vaccine>

Autonomic dysfunction post-inoculation with ChAdOx1 nCoV-19 vaccine <https://academic.oup.com/ehjcr/article/5/12/ytab472/6444985>

Neuralgia - Trigeminal, Amyotrophy:

Trigeminal neuritis after Pfizer: <https://pubmed.ncbi.nlm.nih.gov/34870807/>

Trigeminal Neuralgia and cervical radiculitis after Pfizer: <https://pubmed.ncbi.nlm.nih.gov/34155020/>

Neuralgic amyotrophy following mRNA vaccination: <https://pubmed.ncbi.nlm.nih.gov/34347105/>

Amyotrophic neuralgia secondary to AstraZeneca: <https://pubmed.ncbi.nlm.nih.gov/34330677/>

Neuralgic amyotrophy of the lumbosacral plexus following AstraZeneca: <https://pubmed.ncbi.nlm.nih.gov/34816739/>

Parsonage-Turner syndrome following Pfizer: <https://pubmed.ncbi.nlm.nih.gov/34559695/>

Parsonage-Turner syndrome in a 43yoM after COVID-19 vaccination: <https://pubmed.ncbi.nlm.nih.gov/34936579/>

2 cases of Parsonage Turner Syndrome following Moderna and Pfizer: <https://pubmed.ncbi.nlm.nih.gov/34402669/>

Parsonage—Turner syndrome following Astra Zeneca: a case report and review of the literature: <https://pubmed.ncbi.nlm.nih.gov/34903275/>

Transverse Myelitis:

36yoM with transverse myelitis following AstraZeneca: <https://pubmed.ncbi.nlm.nih.gov/33787891/>

Acute Myelitis following AstraZeneca: <https://pubmed.ncbi.nlm.nih.gov/34392078/>

67yoF with transverse myelitis following Moderna 1st dose: <https://pubmed.ncbi.nlm.nih.gov/34482455/>

70yoM with acute autoimmune transverse myelitis following Moderna: <https://pubmed.ncbi.nlm.nih.gov/34941191/>

Longitudinal extensive transverse myelitis following AstraZeneca: <https://pubmed.ncbi.nlm.nih.gov/34507942/>



Longitudinal extensive transverse myelitis in a 25yoF following AstraZeneca: <https://pubmed.ncbi.nlm.nih.gov/34641797/>

Longitudinal extensive transverse myelitis following AstraZeneca: <https://pubmed.ncbi.nlm.nih.gov/34182207/>

Acute transverse myelitis following AstraZeneca: <https://pubmed.ncbi.nlm.nih.gov/34684047/>

Transverse Myelitis and Bells Palsy after J&J vaccination: <https://pubmed.ncbi.nlm.nih.gov/34458035/>

Acute transverse myelitis in 43 patients post AstraZeneca Vaccination: <https://pubmed.ncbi.nlm.nih.gov/33981305/>

GBS:

12 cases of GBS and 4 cases of CIDP following COVID-19 vaccination in the UK: <https://pubmed.ncbi.nlm.nih.gov/34786740/>

24 cases of GBS following COVID-19 vaccination: <https://pubmed.ncbi.nlm.nih.gov/34967005/>

Sensory GBS in a 16yoF following Pfizer: <https://pubmed.ncbi.nlm.nih.gov/35097156/>

Sensory ataxic GBS with immunoglobulin G anti-GM1 antibodies following Pfizer: <https://pubmed.ncbi.nlm.nih.gov/34871447/>

AstraZeneca and GBS: analysis using National Immunoglobulin Database: <https://pubmed.ncbi.nlm.nih.gov/35180300/>

GBS following Johnson and Johnson: <https://www.onlinescientificresearch.com/articles/the-development-of-guillain-barre-syndrome-subsequent-to-administration-of-ad26cov2s-vaccine.pdf>

GBS following 2nd dose of Pfizer, electromyoneurography and laboratory findings: <https://pubmed.ncbi.nlm.nih.gov/34347563/>

GBS in a 25yoF following 2nd dose of Pfizer: <https://pubmed.ncbi.nlm.nih.gov/34346014/>

GBS following Pfizer in a 42yoM : <https://pubmed.ncbi.nlm.nih.gov/34779385/>

GBS in a 42yoF following Pfizer: <https://pubmed.ncbi.nlm.nih.gov/34567447/>

GBS in a 61yoM following Moderna: <https://pubmed.ncbi.nlm.nih.gov/34484780/>

GBS in a 65yoM liver transplant patient following Pfizer: <https://pubmed.ncbi.nlm.nih.gov/34431208/>

GBS in a 67yoM following 1st dose of Pfizer: <https://pubmed.ncbi.nlm.nih.gov/34796417/>

GBS in a 73yoM following Moderna: <https://pubmed.ncbi.nlm.nih.gov/34477091/>

GBS in 73yoM following 2nd dose of Pfizer: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8253659/>

GBS in 82yoF following 1st dose Pfizer: <https://pubmed.ncbi.nlm.nih.gov/33758714/>

GBS 10 days after AstraZeneca: <https://pubmed.ncbi.nlm.nih.gov/34272622/>

GBS 11 days after AstraZeneca: <https://pubmed.ncbi.nlm.nih.gov/34187803/>

GBS following AstraZeneca with papilledema as atypical onset: <https://pubmed.ncbi.nlm.nih.gov/34418708/>

GBS following AstraZeneca: <https://pubmed.ncbi.nlm.nih.gov/34330729/>



GBS in a 63yo patient who had previous vaccine associated GBS syndrome following AstraZeneca: <https://pubmed.ncbi.nlm.nih.gov/34810163/>

Recurrent GBS following mRNA vaccination: <https://pubmed.ncbi.nlm.nih.gov/34468703/>

3 cases of GBS following AstraZeneca: <https://pubmed.ncbi.nlm.nih.gov/34548920/>

3 cases of GBS and 1 case of CIDP following AstraZeneca in Tasmania: <https://pubmed.ncbi.nlm.nih.gov/34560365/>

7 cases of GBS following AstraZeneca: <https://pubmed.ncbi.nlm.nih.gov/34114256/>

19 cases of GBS following J&J, Pfizer, and Astra Zeneca vaccination: <https://pubmed.ncbi.nlm.nih.gov/34644738/>

GBS following vaccination, a review of 39 cases: <https://pubmed.ncbi.nlm.nih.gov/34648420/>

2 cases of Sensory GBS following AstraZeneca: <https://pubmed.ncbi.nlm.nih.gov/34416410/>

Bilateral facial weakness with paresthesia variant of GBS following AstraZeneca: <https://pubmed.ncbi.nlm.nih.gov/34261746/>

Bifacial diplegia variant of GBS following J&J vaccination: <https://pubmed.ncbi.nlm.nih.gov/34449715/>

GBS presenting as bifacial diplegia in 2 patients following AstraZeneca: <https://pubmed.ncbi.nlm.nih.gov/34649856/>

GBS following Johnson and Johnson: <https://pubmed.ncbi.nlm.nih.gov/34550109/>

GBS following Moderna: <https://pubmed.ncbi.nlm.nih.gov/34767184/>

GBS following 1st dose AstraZeneca: <https://pubmed.ncbi.nlm.nih.gov/34217513/>

GBS with Prominent Facial Diplegia after AstraZeneca: <https://pubmed.ncbi.nlm.nih.gov/34808658/>

GBS in a 14yoM following Pfizer: <https://pubmed.ncbi.nlm.nih.gov/34717201/>

GBS in a 21yoM following Pfizer: <https://pubmed.ncbi.nlm.nih.gov/34981285/>

GBS in a 38yoF following AstraZeneca: <https://pubmed.ncbi.nlm.nih.gov/34988954/>

GBS in a 49yoF following AstraZeneca: <https://pubmed.ncbi.nlm.nih.gov/34703690/>

2 cases of GBS following Pfizer in patients in remission from b-cell lymphoma: <https://pubmed.ncbi.nlm.nih.gov/34929194/>

2 cases of GBS after Pfizer and AstraZeneca: <https://pubmed.ncbi.nlm.nih.gov/34593364/>

GBS following COVID-10 vaccination: a report of 2 cases: <https://pubmed.ncbi.nlm.nih.gov/34599482/>

Facial Diplegia variant of GBS in a 38yoM following COVID-19 vaccination: <https://pubmed.ncbi.nlm.nih.gov/34538679/>

Facial Diplegia variant of GBS in a 65yoF following J&J: <https://pubmed.ncbi.nlm.nih.gov/34447646/>

Axonal-variant GBS in 86yoF temporally associated with Moderna vaccination: <https://pubmed.ncbi.nlm.nih.gov/34722067/>

Miller Fisher Syndrome:

Miller Fischer syndrome and GBS overlap syndrome after AstraZeneca: <https://pubmed.ncbi.nlm.nih.gov/34848426/>



Miller Fisher syndrome in 24yoF following Pfizer: <https://pubmed.ncbi.nlm.nih.gov/34817727/>

Miller Fisher Syndrome in a 71yoM following Pfizer: <https://pubmed.ncbi.nlm.nih.gov/34789193/>

Miller Fisher syndrome after 2nd dose of Pfizer vaccination in a patient with resolved covid-19
<https://pubmed.ncbi.nlm.nih.gov/34808657/>

Encephalopathy:

75yoF with acute hemorrhagic necrotizing encephalopathy after AstraZeneca:
<https://pubmed.ncbi.nlm.nih.gov/35098489/>

32yoM with acute hyperactive encephalopathy after Moderna with dramatic response to methylprednisolone:
<https://pubmed.ncbi.nlm.nih.gov/34512961/>

Facial Weakness, extremity weakness, encephalopathy, and severe refractory ITP following Moderna: <https://pubmed.ncbi.nlm.nih.gov/33854395/>

77yoM with acute encephalopathy and NSTEMI following Moderna: <https://pubmed.ncbi.nlm.nih.gov/34703815/>

CIDP:

CIPD in a middle aged female following Moderna: <https://pubmed.ncbi.nlm.nih.gov/35071987/>

Acute onset chronic inflammatory demyelinating polyneuropathy (CIDP) after AstraZeneca:
<https://pubmed.ncbi.nlm.nih.gov/34607818/>

Chronic inflammatory demyelinating polyneuropathy after AstraZeneca vaccination: <https://pubmed.ncbi.nlm.nih.gov/34960248/>

Akathisia:

Transient akathisia after Pfizer: <https://pubmed.ncbi.nlm.nih.gov/34113842/>

Phantosmia:

Phantosmia: <https://pubmed.ncbi.nlm.nih.gov/34096896/>

Bells Palsy / Nerve Palsy:

Multiple cranial nerve palsies following COVID-19 vaccination (Pfizer): <https://pubmed.ncbi.nlm.nih.gov/34725821/>

Acute abducens nerve palsy following Pfizer: <https://pubmed.ncbi.nlm.nih.gov/34044114/>

Acute aducens nerve palsy following AstraZeneca: <https://pubmed.ncbi.nlm.nih.gov/34851785/>

Acute Abducens nerve palsy following vaccination: <https://pubmed.ncbi.nlm.nih.gov/34827043/>

21yoF nurse with Bells Palsy following Pfizer: <https://pubmed.ncbi.nlm.nih.gov/34322761/>

34yoF with Bells Palsy 2 days after Moderna: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8143982/>

36yo with Bells Palsy, left arm tingling/numbness/weakness following mRNA vaccination:
<https://pubmed.ncbi.nlm.nih.gov/34336436/>

37yoM with Bells Palsy after Pfizer: <https://pubmed.ncbi.nlm.nih.gov/33611630/>

50yoM with Bells Palsy after Pfizer, ongoing symptoms after 21 days: <https://pubmed.ncbi.nlm.nih.gov/34330676/>



57yoF with Bells Palsy <36 hours after 2nd dose of Pfizer: <https://pubmed.ncbi.nlm.nih.gov/33594349/>

61yoM with Bells Palsy after each dose of Pfizer: <https://pubmed.ncbi.nlm.nih.gov/34281950/>

Bells Palsy following mRNA and inactivated (CoronaVac) vaccines: a case series and nested case-control study: <https://pubmed.ncbi.nlm.nih.gov/34411532/>

Rate of Bells Palsy following mRNA vaccination is 2-3x higher than expected: <https://pubmed.ncbi.nlm.nih.gov/34111409/>

Neuromyelitis Optica:

New onset neuromyelitis optica spectrum disorder following Pfizer: <https://pubmed.ncbi.nlm.nih.gov/35184119/>

Neuromyelitis optica in a healthy female following Moderna: <https://pubmed.ncbi.nlm.nih.gov/34660149/>

Neuromyelitis optica spectrum disorder (NMOSD): https://link.springer.com/article/10.1007/s10072-021-05427-4?fbclid=IwAR2DGcW8Y5UxvdzcOQaBUPn6_RTZGQRSsNo6bzanyAm9yN6387E3Z6WrKlI

Optic neuropathy after Pfizer and AstraZeneca: a report of 2 cases: <https://pubmed.ncbi.nlm.nih.gov/34906029/>

Bilateral optic neuritis after AstraZeneca: <https://pubmed.ncbi.nlm.nih.gov/35098359/>

Optic neuritis and transverse myelitis in MS patient after AstraZeneca vaccination: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8205198/>

Multiple Sclerosis:

Patient's first MS Flare following Pfizer <https://link.springer.com/article/10.1007/s00415-021-10648-w>

New onset MS in a 32yoF patient following Pfizer: <https://pubmed.ncbi.nlm.nih.gov/34804388/>

New onset of MS in a 40yoF following Pfizer: <https://pubmed.ncbi.nlm.nih.gov/34700047/>

3 new cases of MS, 13 flares of MS after Pfizer, Moderna, and Astra Zeneca vaccination: <https://pubmed.ncbi.nlm.nih.gov/34744992/>

4 cases of activation of stable MS, 2 cases of new MS, 1 case of new onset neuromyelitis optica after mRNA vaccination: <https://pubmed.ncbi.nlm.nih.gov/34480607/>

Severe Multiple Sclerosis relapse after Pfizer: <https://pubmed.ncbi.nlm.nih.gov/34447349/>

5 cases of new diagnosis of multiple sclerosis following mRNA vaccination: <https://pubmed.ncbi.nlm.nih.gov/34922126/>

Optic neuritis and transverse myelitis in MS patient after AstraZeneca vaccination: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8205198/>

Myasthenia Gravis:

Vaccination associated Ocular Myasthenia Gravis following Pfizer: <https://pubmed.ncbi.nlm.nih.gov/35077038/>

Myasthenia Gravis Flare Following Moderna: <https://www.cureus.com/articles/60348-a-case-of-covid-19-vaccine-causing-a-myasthenia-gravis-crisis>

New onset Myasthenia Gravis in 82yoM following Pfizer: <https://pubmed.ncbi.nlm.nih.gov/34709075/>



Cerebral Venous Thrombosis:

Thromboembolic events following mRNA COVID vaccination, a case series: <https://pubmed.ncbi.nlm.nih.gov/35118582/>

CVA and Thrombocytopenia following AstraZeneca: <https://pubmed.ncbi.nlm.nih.gov/34175640/>

Cerebral venous sinus thrombosis after Moderna in a 56yoF: <https://pubmed.ncbi.nlm.nih.gov/35181646/>

Cerebral venous thrombosis in a 61yoM following Pfizer: <https://pubmed.ncbi.nlm.nih.gov/34796065/>

Cerebral venous sinus thrombosis after mRNA vaccination: <https://pubmed.ncbi.nlm.nih.gov/34783932/>

Central venous sinus thrombosis with subarachnoid hemorrhage in a 45yoM following Moderna: <https://pubmed.ncbi.nlm.nih.gov/34478433/>

Cerebral venous sinus thrombosis after AstraZeneca, neurologic and radiological management: <https://pubmed.ncbi.nlm.nih.gov/34327553/>

Cerebral venous sinus thrombosis, subarachnoid hemorrhage, and thrombocytopenia following AstraZeneca: <https://pubmed.ncbi.nlm.nih.gov/34485807/>

Cerebral Venous sinus thrombosis, review of European cases: <https://pubmed.ncbi.nlm.nih.gov/34293217/>

Review of European data of Cerebral venous thrombosis with cytopenia, observed in Pfizer, Moderna, and AstraZeneca <https://pubmed.ncbi.nlm.nih.gov/34375510/>

A multicenter cohort study of cerebral venous thrombosis after AstraZeneca Vaccination: <https://pubmed.ncbi.nlm.nih.gov/34370972/>

Endovascular treatment for AstraZeneca induced cerebral venous sinus thrombosis and thrombocytopenia, a report of 3 cases: <https://pubmed.ncbi.nlm.nih.gov/34782400/>

45 cases of Cerebral Venous thrombosis: <https://pubmed.ncbi.nlm.nih.gov/34288044/>

International Cerebral Venous Thrombosis consortium report on cerebral venous thrombosis following vaccination against SARS-COV-2: <https://pubmed.ncbi.nlm.nih.gov/34462996/>

Spontaneous rare visceral pseudoaneurysm presenting with rupture after Moderna: <https://pubmed.ncbi.nlm.nih.gov/34480824/>

Intracerebral Hemorage / Strokes / etc:

Fatal ICH following AstraZeneca: <https://pubmed.ncbi.nlm.nih.gov/34477089/>

ICH due to vasculitis following Pfizer: <https://pubmed.ncbi.nlm.nih.gov/34783899/>

Treatment of AstraZeneca induced immune thrombotic thrombocytopenia related acute ischemic stroke: <https://pubmed.ncbi.nlm.nih.gov/34461442/>

Symptomatic penducular, cavernous bleeding following Pfizer vaccination induced ITP: <https://pubmed.ncbi.nlm.nih.gov/34549178/>

Lobar bleeding with ventricular rupture shortly following mRNA vaccine: <https://pubmed.ncbi.nlm.nih.gov/34729467/>

Bilateral thalamic stroke following Pfizer: a case of VITT? <https://pubmed.ncbi.nlm.nih.gov/34820232/>



Aphasia:

Aphasia 7 days after 2nd dose of mRNA based vaccine due to intracerebral bleeding in left temporal lobe: <https://pubmed.ncbi.nlm.nih.gov/34192245/>

Neuro-Oncologic :

Worsening Neuro-Oncologic Disease Symptoms following mRNA vaccination: <https://www.cureus.com/articles/61880-new-onset-neurologic-symptoms-and-related-neuro-oncologic-lesions-discovered-after-covid-19-vaccination-two-neurosurgical-cases-and-review-of-post-vaccine-inflammatory-responses>

Headache / Aseptic Meningitis:

18yoM with aseptic meningitis following Pfizer: <https://pubmed.ncbi.nlm.nih.gov/34711784/>

Aseptic meningitis in a 34yoF following Pfizer: <https://pubmed.ncbi.nlm.nih.gov/34882515/>

Headache after AstraZeneca: a MultiCenter observational cohort center: <https://pubmed.ncbi.nlm.nih.gov/34313952/>

Status migrainosus following Pfizer: <https://pubmed.ncbi.nlm.nih.gov/34807361/>

Characteristics of COVID vaccine induced Headache: <https://pubmed.ncbi.nlm.nih.gov/34510919/>

Clinical characteristics of Headache following Pfizer, a multicenter observational cohort study: <https://pubmed.ncbi.nlm.nih.gov/34405142/>

Aseptic Meningitis following Pfizer: <https://pubmed.ncbi.nlm.nih.gov/34378098/>

Aseptic meningitis after Pfizer: <https://pubmed.ncbi.nlm.nih.gov/34777795/>

Steroid responsive aseptic meningitis after Pfizer in a 62yoF: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8566612/>

Encephalitis / Delirium:

Delirium in an elderly patient following vaccination: <https://pubmed.ncbi.nlm.nih.gov/33829614/>

Two cases of encephalopathy and seizures following Moderna: <https://pubmed.ncbi.nlm.nih.gov/34367780/>

Acute disseminated encephalitis following Pfizer: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8294707/>

Acute disseminated encephalomyelitis (ADEM) following AstraZeneca: <https://pubmed.ncbi.nlm.nih.gov/34735684/>

ADEM with bilateral optic neuritis following AstraZeneca: <https://pubmed.ncbi.nlm.nih.gov/35151258/>

Acute disseminated encephalomyelitis (ADEM) in a 88yoF following Pfizer vaccination: <https://pubmed.ncbi.nlm.nih.gov/34841097/>

COVID-19 Moderna booster induced autoimmune encephalitis in a 48yoM: <https://pubmed.ncbi.nlm.nih.gov/35182374/>

Anti-LGI1 encephalitis in a 48yoM following mRNA vaccination: <https://pubmed.ncbi.nlm.nih.gov/35021289/>

Autoimmune encephalitis in a 35yoF following AstraZeneca: <https://pubmed.ncbi.nlm.nih.gov/35021289/>

Case report of AstraZeneca associated encephalitis in a 22yoF: <https://pubmed.ncbi.nlm.nih.gov/34903200/>

Acute Disseminated Encephalitis in a young female following mRNA vaccination: <https://pubmed.ncbi.nlm.nih.gov/34480527/>

Postvaccinal encephalitis following AstraZeneca: <https://pubmed.ncbi.nlm.nih.gov/34324214/>



Acute encephalitis, myoclonus, and sweet syndrome after mRNA vaccine: <https://pubmed.ncbi.nlm.nih.gov/34312136/>

Acute psychosis due to anti-NMDA encephalitis in a young female in her 20s following Pfizer vaccination: <https://pubmed.ncbi.nlm.nih.gov/34803896/>

First episode of psychosis in 18yoF following AstraZeneca: <https://pubmed.ncbi.nlm.nih.gov/35091388/>

New onset psychosis in 31yoM after mRNA vaccine: <https://pubmed.ncbi.nlm.nih.gov/34388513/>

Other:

COVID-19 vaccine associated parkinson's disease, a prion disease signal in UK yellow card adverse event database: <https://www.semanticscholar.org/paper/COVID-19-Vaccine-Associated-Parkinson%27s-Disease%2C-A-Classen/0fe033bb1e274f27bc7c1703f09206e2965c75ca>

COVID-19 RNA based vaccines and the risk of prion disease: <https://www.semanticscholar.org/paper/COVID-19-RNA-Based-Vaccines-and-the-Risk-of-Prion-Classen/68580738ad152158a095c2f90a2a28a4c8b5d7d2>

Polyneuritis cranialis, a rare GBS variant, associated with Pfizer in a 16yoF: <https://pubmed.ncbi.nlm.nih.gov/35062795/>

Reversible radiculomyelitis after AstraZeneca: <https://pubmed.ncbi.nlm.nih.gov/35110289/>

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- 63yoM with autoimmune hepatitis following Moderna: <https://pubmed.ncbi.nlm.nih.gov/34293683/>
- 61yoF with liver injury following Pfizer: <https://pubmed.ncbi.nlm.nih.gov/34430106/>
- 61yoF with autoimmune hepatitis following Pfizer: <https://pubmed.ncbi.nlm.nih.gov/34781161/>
- 35yoF with autoimmune hepatitis following Pfizer: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8056822/>
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IgA vasculitis with renal and skin involvement following vaccination: <https://pubmed.ncbi.nlm.nih.gov/34779011/>

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