

Published Case Studies - 7/26/21

Neuro:

Small fiber neuropathy: <https://onlinelibrary.wiley.com/doi/10.1002/mus.27251?fbclid=IwAR2pqq6XDZIGuPZp8n0rcHWedMERCDOMANdHdeuTJhanEtpYiYVAEeSioqBQ>

18 cases of idiopathic sensorineural hearing loss, tinnitus, and/or vertigo following Moderna/Pfizer: <https://pubmed.ncbi.nlm.nih.gov/34267103/>

POTS: https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8101507/?fbclid=IwAR1DWjqDhAUyjg3U1B6kMvJLBlLoo5UB58_i4NTyo51pFZRzTKtLdj_aj8

General Neuro side effects: https://onlinelibrary.wiley.com/doi/full/10.1111/ane.13451?fbclid=IwAR1CemFwLUpsMK19GMZa_xPF775Q4B0IiksbrziKUplrRXhYR5cDQFFVAAQ

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

Facial Palsy:
<https://academic.oup.com/fampra/advance-article-abstract/doi/10.1093/fampra/cmab068/6311086>

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

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

Neuromyelitis optica spectrum disorder (NMOSD): https://link.springer.com/article/10.1007/s10072-021-05427-4?fbclid=IwAR2DGcW8Y5UxvdzcOQaBUPn6_RTZGQRSsNo6bzanyAm9yN6387E3Z6WrKII

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

MS Flare following AZ: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8205198/>

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

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

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

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

Tinnitus/Hearing Disturbances: <https://jamanetwork.com/journals/jamaotolaryngology/fullarticle/2780288>

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>

Autoimmunity:

https://res.mdpi.com/d_attachment/vaccines/vaccines-09-00435/article_deploy/vaccines-09-00435-v2.pdf

Delirium in an elderly patient following Pfizer: <https://onlinelibrary.wiley.com/doi/10.1111/ggi.14163>

GBS following Pfizer: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8253659/>
GBS following Johnson and Johnson: <https://www.onlinescientificresearch.com/articles/the-development-of-guillain-barre-syndrome-subsequent-to-administration-of-ad26cov2s-vaccine.pdf>

4 cases of GBS following Astra Zeneca: <https://pubmed.ncbi.nlm.nih.gov/34114269/>

GBS following AstraZeneca: <https://pubmed.ncbi.nlm.nih.gov/34272622/>

Ophthalmology:

Visual Disturbances:

<https://link.springer.com/article/10.1007/s00011-021-01476-9>

Acute Macular Neuroretinopathy after AstraZeneca:

https://www.nature.com/articles/s41433-021-01610-1.epdf?fbclid=IwAR1PuBuxzldyCMPxFNRGsTbLL6YZw9zMBOROorfHrXAPoAOh_-d5rYdyWVc

Acute Central Serous Retinopathy after Pfizer: <https://pubmed.ncbi.nlm.nih.gov/34151047/>

Panuveitis: <https://pubmed.ncbi.nlm.nih.gov/34213988/>

Anterior Uveitis following Pfizer: <https://pubmed.ncbi.nlm.nih.gov/34289406/>

Reduction of Visual Acuity following Pfizer: [https://link.springer.com/article/10.1007/s00011-021-01476-9?](https://link.springer.com/article/10.1007/s00011-021-01476-9?fbclid=IwAR3zAvenOwPAZmuVsx9CM7bFwOliHerfJK3M3nQCMe-3BWoT4QdNCWK7cNo)

[fbclid=IwAR3zAvenOwPAZmuVsx9CM7bFwOliHerfJK3M3nQCMe-3BWoT4QdNCWK7cNo](https://link.springer.com/article/10.1007/s00011-021-01476-9?fbclid=IwAR3zAvenOwPAZmuVsx9CM7bFwOliHerfJK3M3nQCMe-3BWoT4QdNCWK7cNo)

Rheumatology/Endocrinology:

Subacute thyroiditis: <https://www.tandfonline.com/doi/abs/10.1080/21645515.2021.1947102>

Immune mediated disease flares: <https://pubmed.ncbi.nlm.nih.gov/33946748/>

Lupus exacerbation: <https://onlinelibrary.wiley.com/doi/10.1111/dth.15017>

Lupus exacerbation following mRNA vaccination: <https://pubmed.ncbi.nlm.nih.gov/34291477/>

2 reports of Graves Disease following Pfizer:

[https://www.liebertpub.com/doi/pdf/10.1089/thy.2021.0142?](https://www.liebertpub.com/doi/pdf/10.1089/thy.2021.0142?fbclid=IwAR06kBQuAQ5ccxnAG2mgRNUjlmeiq715zfYAqrz3qvNWQCLoM9sbJdwzm7c&)

[fbclid=IwAR06kBQuAQ5ccxnAG2mgRNUjlmeiq715zfYAqrz3qvNWQCLoM9sbJdwzm7c&](https://www.liebertpub.com/doi/pdf/10.1089/thy.2021.0142?fbclid=IwAR06kBQuAQ5ccxnAG2mgRNUjlmeiq715zfYAqrz3qvNWQCLoM9sbJdwzm7c&)

Hyperglycemic crisis: <https://onlinelibrary.wiley.com/doi/abs/10.1111/dme.14631>

2 reports of Graves Disease following Pfizer: [https://www.liebertpub.com/doi/pdf/10.1089/thy.2021.0142?](https://www.liebertpub.com/doi/pdf/10.1089/thy.2021.0142?fbclid=IwAR06kBQuAQ5ccxnAG2mgRNUjlmeiq715zfYAqrz3qvNWQCLoM9sbJdwzm7c&)

[fbclid=IwAR06kBQuAQ5ccxnAG2mgRNUjlmeiq715zfYAqrz3qvNWQCLoM9sbJdwzm7c&](https://www.liebertpub.com/doi/pdf/10.1089/thy.2021.0142?fbclid=IwAR06kBQuAQ5ccxnAG2mgRNUjlmeiq715zfYAqrz3qvNWQCLoM9sbJdwzm7c&)

Rash, arthritis, swelling, muscle weakness following AstraZeneca: <https://onlinelibrary.wiley.com/doi/abs/10.1002/jmv.27175>

Reactivation of IgA vasculitis following Moderna: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8260100/>

40yoF with Henoch-Schonlein Purpura following Pfizer: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8241653/>

GI:

Gastroparesis following Pfizer: [https://journals.lww.com/ajg/Citation/9900/](https://journals.lww.com/ajg/Citation/9900/Gastroparesis_After_Pfizer_BioNTech_COVID_19.28.aspx)

[Gastroparesis After Pfizer BioNTech COVID 19.28.aspx](https://journals.lww.com/ajg/Citation/9900/Gastroparesis_After_Pfizer_BioNTech_COVID_19.28.aspx)

Autoimmune hepatitis following Moderna: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8197609/>

Autoimmune hepatitis following Moderna: [https://www.journal-of-hepatology.eu/article/S0168-8278\(21\)00424-4/fulltext](https://www.journal-of-hepatology.eu/article/S0168-8278(21)00424-4/fulltext)

Autoimmune hepatitis after mRNA vaccine (Moderna):

<https://www.sciencedirect.com/science/article/pii/S0168827821018961?via%3Dihub>

Autoimmune hepatitis following Pfizer:

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8186938/>

Autoimmune hepatitis (Pfizer):

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8056822/>

Autoimmune hepatitis (Pfizer):

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8256942/>

63yoM with autoimmune hepatitis following Moderna:

<https://pubmed.ncbi.nlm.nih.gov/34293683/>

Liver injury in a liver transplant patient following mRNA vaccination: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8214934/>

Pancreatitis: <https://pubmed.ncbi.nlm.nih.gov/34084669/>

Renal:

IgA Nephropathy after mRNA vaccine: <https://pubmed.ncbi.nlm.nih.gov/34278290/>

ANCA glomerulonephritis after Moderna:

[https://www.kidney-international.org/article/S0085-2538\(21\)00555-X/fulltext](https://www.kidney-international.org/article/S0085-2538(21)00555-X/fulltext)

Nephrotic Syndrome following AstraZeneca:

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8257404/>

Nephrotic syndrome and vasculitis following Pfizer, Moderna, and AstraZeneca:

<https://academic.oup.com/ndt/advance-article/doi/10.1093/ndt/gfab215/6318785>

De novo vasculitis after Moderna:

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8166777/>

Minimal Change disease and Severe AKI following AstraZeneca:

<https://pubmed.ncbi.nlm.nih.gov/34242687/>

Minimal Change Disease Following Pfizer: <https://pubmed.ncbi.nlm.nih.gov/33839200/>

Minimal Change Disease relapse following Pfizer:

[https://www.ajkd.org/article/S0272-6386\(21\)00627-2/fulltext](https://www.ajkd.org/article/S0272-6386(21)00627-2/fulltext)

MCD relapse following Pfizer: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8137360/>

MCD relapse following Pfizer: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8098029/>

Severe MCD relapse 3 days following Pfizer: <https://europepmc.org/article/pmc/pmc8156905>

Minimal change disease and AKI following Pfizer:

[https://www.kidney-international.org/article/S0085-2538\(21\)00493-2/pdf](https://www.kidney-international.org/article/S0085-2538(21)00493-2/pdf)

Minimal Change disease following Moderna:

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8149162/>

IgA nephropathy in 2 pediatric patients after Pfizer:

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8256683/>

IgA and crescentic glomerulonephritis following Pfizer:

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8141343/>

3 cases of IgA nephropathy patients developing exacerbations following mRNA vaccine:

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8166778/>

2 cases of IgA nephropathy patients developing exacerbations following moderna:

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7987498/>

IgA nephropathy flare up following Moderna:

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8079938/>

IgA Nephropathy after mRNA vaccine: <https://pubmed.ncbi.nlm.nih.gov/34278290/>

Hematology/Oncology:

Thrombosis with Thrombocytopenia following Moderna:

<https://www.acpjournals.org/doi/full/10.7326/L21-0244>

TTP Following Pfizer: <https://pubmed.ncbi.nlm.nih.gov/34264514/>

DVT and PE and positive HIT panel following mRNA Vaccine:

<https://pubmed.ncbi.nlm.nih.gov/34117206/>

Superior ophthalmic Vein Thrombosis and Thrombocytopenia following AstraZeneca:

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8265377/>

Autoimmune hemolytic anemia: <https://pubmed.ncbi.nlm.nih.gov/34150386/>

Autoimmune hemolytic anemia following Pfizer: <https://pubmed.ncbi.nlm.nih.gov/34258873/>

ITP Exacerbation in 12% of chronic patients: <https://pubmed.ncbi.nlm.nih.gov/34075578/>

ITP Exacerbation in previous stable patient following Pfizer:

<https://academic.oup.com/ofid/advance-article/doi/10.1093/ofid/ofab343/6308965>

ITP following Pfizer: <https://pubmed.ncbi.nlm.nih.gov/34155844/>

3 cases of ITP following Pfizer and Astra Zeneca:

<https://www.mjhid.org/index.php/mjhid/article/view/4669/4043>

Treatment Guide to Thrombotic Thrombocytopenia Following Vaccination: [https://](https://www.hematology.org/covid-19/vaccine-induced-immune-thrombotic-thrombocytopenia)

www.hematology.org/covid-19/vaccine-induced-immune-thrombotic-thrombocytopenia

36 Cases of ITP following Pfizer and Moderna:

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8011062/>

20 cases of Thrombocytopenia following Pfizer and Moderna:

<https://onlinelibrary.wiley.com/doi/10.1002/ajh.26132>

84yoM with ITP following Pfizer: <https://link.springer.com/article/10.1007/s11739-021-02778-w>

41yoF with ITP following Pfizer: <https://casereports.bmj.com/content/14/5/e242220>

69yoF with refractory ITP following Pfizer: [https://journals.lww.com/americantherapeutics/](https://journals.lww.com/americantherapeutics/Citation/2021/08000/Immune_Thrombocytopenic_Purpura_Associated_With.24.aspx)

[Citation/2021/08000/Immune Thrombocytopenic Purpura Associated With.24.aspx](https://journals.lww.com/americantherapeutics/Citation/2021/08000/Immune_Thrombocytopenic_Purpura_Associated_With.24.aspx)

3 cases reports of ITP following Pfizer and J&J:

<https://ehonline.biomedcentral.com/articles/10.1186/s40164-021-00235-0>

54yoF with ITP following Pfizer: <https://www.cureus.com/articles/56899-newly-diagnosed-idiopathic-thrombocytopenia-post-covid-19-vaccine-administration>

74yoM with ITP following Moderna: <https://www.dovepress.com/severe-refractory-immune-thrombocytopenia-occurring-after-sars-cov-2-v-peer-reviewed-fulltext-article-JBM>

26yoF with ITP following Moderna: <http://pubs.sciepub.com/ajmcr/9/8/3/index.html>

3 cases: recurrent AvWD and acquired hemophilia A after Moderna, PNH flare following Moderna, and ITP flare following Moderna: <https://ashpublications.org/bloodadvances/article/5/13/2794/476324/Autoimmune-and-complement-mediated-hematologic>

3 cases of ITP in elderly patients following vaccination: <https://www.hindawi.com/journals/crihem/2016/7913092/>

ITP and diffuse papular rash following Moderna: https://www.scienceopen.com/document_file/691feaa0-8e64-40c4-9553-40382bd5ac48/PubMedCentral/691feaa0-8e64-40c4-9553-40382bd5ac48.pdf

ITP and AIHA following Moderna: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8274740/>

PE, TIA, and thrombocytopenia after J&J: <https://pubmed.ncbi.nlm.nih.gov/34261635/>

Haemophagocytosis and atypical lymphocytes on bone marrow biopsy following vaccination: <https://pubmed.ncbi.nlm.nih.gov/34312842/>

4 cases of axillary adenopathy following mRNA vaccination: <https://pubmed.ncbi.nlm.nih.gov/34303188/>

Axillary lymphadenopathy following mRNA vaccination: <https://pubmed.ncbi.nlm.nih.gov/34156552/>

Unilateral Lymphadenopathy: <https://pubmed.ncbi.nlm.nih.gov/33713605/>

Cervical lymphadenopathy following Pfizer: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8204135/>

13 cases of Cervical lymphadenopathy: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8241354/>

DOTATATE PET-avid axillary lymph node after injection of the Johnson & Johnson: <https://pubmed.ncbi.nlm.nih.gov/34269723/>

Avid left axillary nodes and intense diffuse splenic uptake and moderate diffuse bone marrow uptake on PET 1 week after vaccination: <https://pubmed.ncbi.nlm.nih.gov/34269722/>

163 cases of axillary adenopathy following Pfizer: <https://pubmed.ncbi.nlm.nih.gov/34257025/>

Incidence of axillary adenopathy on Breast Imaging following Vaccination: <https://pubmed.ncbi.nlm.nih.gov/34292295/>

Abnormal PET following vaccination: <https://onlinelibrary.wiley.com/doi/full/10.1002/pbc.29262>

3 cases of HLH following AstraZeneca: <https://jcp.bmj.com/content/early/2021/07/22/jclinpath-2021-207760>

Positive PET following vaccination: <https://pubmed.ncbi.nlm.nih.gov/34301777/>

Cardiac:

Hypertension following mRNA vaccination:

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8206586/>

Myocarditis in 23 military members: <https://jamanetwork.com/.../jama.../article-abstract/2781601>

Perimyocarditis in teens: <https://pubmed.ncbi.nlm.nih.gov/34077949/>

Two cases of myocarditis:

<https://pubmed.ncbi.nlm.nih.gov/34166884/>

Recurrence of myocarditis after vaccination:

<https://pubmed.ncbi.nlm.nih.gov/34166671/>

Myocarditis case report: <https://pubmed.ncbi.nlm.nih.gov/34118375/>

Myocarditis in 24yoM: <https://pubmed.ncbi.nlm.nih.gov/34268277/>

Acute myocarditis after Moderna in young male: <https://pubmed.ncbi.nlm.nih.gov/34308326/>

Myopericarditis in a 16yo:

<https://pubmed.ncbi.nlm.nih.gov/34133825/>

Myocarditis in a healthy male: <https://pubmed.ncbi.nlm.nih.gov/34229940/>

13 cases of Myocarditis in adolescents following Pfizer:

[https://www.jpeds.com/article/S0022-3476\(21\)00665-X/fulltext](https://www.jpeds.com/article/S0022-3476(21)00665-X/fulltext)

3 cases of cardiac manifestation following Pfizer:

<https://academic.oup.com/qjmed/advance-article/doi/10.1093/qjmed/hcab177/6311674>

4 cases of Myocarditis and their Cardiac MRI findings: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8245050/>

Myocarditis and Pericarditis: 2 case reports: <https://pubmed.ncbi.nlm.nih.gov/34277198/>

6 cases of men age 17-37 with myocarditis: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8219373/>

Review of 214 myocarditis cases: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8233865/>

70yoF with myocarditis following J&J Vaccination:

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8270733/>

Myopericarditis in young adults presenting to the ED:

<https://pubmed.ncbi.nlm.nih.gov/34310793/>

Dermatology/Plastics:

Steven Johnson Syndrome: <https://pubmed.ncbi.nlm.nih.gov/34081806/>

Pemphigus Vulgaris:

<https://pubmed.ncbi.nlm.nih.gov/34169588/>

Morbilliform Rash:

<https://pubmed.ncbi.nlm.nih.gov/34167874/>

Pityriasis-rosea like eruption post-vaccination in a young male: <https://pubmed.ncbi.nlm.nih.gov/34165237/>

Pityriasis rosea following Pfizer: <https://onlinelibrary.wiley.com/doi/10.1111/jdv.17498>

3 cases of new onset acral hand lesions following mRNA vaccine: <https://pubmed.ncbi.nlm.nih.gov/34310777/>

2 patients with eczematous cutaneous reactions following Pfizer: <https://pubmed.ncbi.nlm.nih.gov/34236729/>

New onset synovitis and palmoplantar psoriasis flare up after Pfizer: <https://pubmed.ncbi.nlm.nih.gov/34236728/>

New onset lichen planus following Pfizer: <https://onlinelibrary.wiley.com/doi/10.1111/jdv.17504>

Purpura annularis telangiectodes following Pfizer: <https://pubmed.ncbi.nlm.nih.gov/34236717/>

Vitiligo following Pfizer: <https://onlinelibrary.wiley.com/doi/10.1111/ced.14842>

Delayed skin reactions following mRNA vaccine:

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8288253/>

Delayed local skin reactions: https://www.nejm.org/doi/full/10.1056/NEJMc2102131?fbclid=IwAR0P6wjXiO4swT4wz0IEJCBx7v14e2Si-O9AbOuhIVisVHFhc_kGEy7pyj0

Additional 12 Patients with Delayed Local Reactions:

<https://www.nejm.org/doi/full/10.1056/NEJMc2102131>

16 patients delayed hypersensitivity reactions after Moderna:

<https://jamanetwork.com/journals/jamadermatology/fullarticle/2779643>

138 Delayed Hypersensitivity Reactions following vaccination:

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8294276/>

Delayed local Hypersensitivity reactions: a 6 month retrospective study:

<https://pubmed.ncbi.nlm.nih.gov/34288056/>

2 cases of delayed local reactions following Moderna: https://journals.lww.com/infectdis/Fulltext/2021/07000/Delayed_Skin_Rash_After_Receiving_SARS_CoV_2_mRNA.19.aspx

13 cases delayed local reactions following mRNA vaccine: <https://academic.oup.com/cid/advance-article/doi/10.1093/cid/ciab518/6291929>

COVID Vaccine arm: <https://www.psychologytoday.com/us/blog/heal-the-mind-heal-the-body/202101/what-s-the-new-phenomenon-called-covid-vaccine-arm>

COVID arm following Moderna: histologic features: <https://pubmed.ncbi.nlm.nih.gov/34242422/>

405 cases of dermatologic reactions following Pfizer, Moderna, and Astra Zeneca: <https://pubmed.ncbi.nlm.nih.gov/34254291/>

Erythema Migrans like rash after Moderna: <https://pubmed.ncbi.nlm.nih.gov/34250736/>

Soft Tissue Filler Inflammatory Reaction after vaccination: <https://pubmed.ncbi.nlm.nih.gov/34174156/>

Immune Response to fillers and breast implants after vaccination: <https://pubmed.ncbi.nlm.nih.gov/34174765/>

COVID-toes after mRNA vaccination: <https://pubmed.ncbi.nlm.nih.gov/34162525/>

Leukoclastic vasculitis: <https://onlinelibrary.wiley.com/doi/abs/10.1002/art.41910>

Leukoclastic vasculitis: <https://onlinelibrary.wiley.com/doi/abs/10.1002/art.41910>

Urticarial Vasculitis following vaccination: https://journals.lww.com/amjdermatopathology/Citation/9000/Unique_Case_of_Urticarial_Skin_Eruptions_After.97698.aspx

Small vessel vasculitis after Astra Zeneca: <https://pubmed.ncbi.nlm.nih.gov/34310763/>

Pfizer induced reactivation of varicella and resulting small vessel vasculitis: <https://pubmed.ncbi.nlm.nih.gov/34310759/>

2 cases of skin color discoloration following mRNA vaccination: <https://pubmed.ncbi.nlm.nih.gov/34310755/>

Miscellaneous:

Rebuttal about Functional Neurologic Disorders and Vaccination: https://onlinelibrary.wiley.com/doi/full/10.1002/ana.26160?fbclid=IwAR3C-QQc-ZDEDoCu0fWNQuVYzvbC3qYHGekCaicU5-l_bOUz4N52jl1wjJ0

Rhabdomyolysis after Moderna: <https://pubmed.ncbi.nlm.nih.gov/34150372/>

International call for vaccine adverse reaction investigation: https://www.researchgate.net/publication/351670290_SARS-CoV-2_mass_vaccination_Urgent_questions_on_vaccine_safety_that_demand_answers_from_international_health_agencies_regulatory_authorities_governments_and_vaccine_developers?fbclid=IwAR1GwfeI6khY8ObziHNTGZriwS0Gez0CCp8zjaHlICJ9lfceD2EkJdMKmYw

Concerns about the lipid nanoparticle in the mRNA contributing to adverse reactions: <https://www.biorxiv.org/content/10.1101/2021.03.04.430128v1.full?fbclid=IwAR2yUJH9kAb01O2PJ46AfBvQANuGiQvZd3ROs4R8qNJF6CZ4f255hDdRsSY>