



Written by [C. Mitchell Shaw](#) on May 10, 2023

New Study Shows Association Between Covid Vaccines and Visual Impairment

A study recently published in *Nature* — one of the world's most highly respected science journals — shows that Covid-19 vaccines “are associated with several ocular manifestations” including “retinal vascular occlusion.” According to the study, those who received the vaccines are considerably more likely to suffer vision problems compared to those who are unvaccinated.

Previous studies that have revealed negative reactions to Covid vaccines have been largely dismissed by the Covid establishment. This time, though, the establishment may have some difficulty. *Nature* — founded in 1869 in London — is a weekly science journal that even the establishment has lauded. Wikipedia describes *Nature* as “one of the world's most-read and most prestigious academic journals” and “a multidisciplinary publication” that “features peer-reviewed research from a variety of academic disciplines.” And *Science Magazine* — the peer-reviewed academic journal of the American Association for the Advancement of Science — says that being published in *Nature* carries a level of prestige in academia.

So, for *Nature* to publish a study showing that Covid vaccines are associated with visual impairment is bad news for the Covid establishment.

As reputable scientists published in a renowned scientific journal, the study's authors avoid jumping to conclusions, stating at the outset, “Coronavirus disease 2019 (COVID-19) vaccines are associated with several ocular manifestations. Emerging evidence has been reported; however, the causality between the two is debatable.”

It is a maxim that commonality is not causality. Just because someone had the Covid vaccine and then experienced visual impairment, it does not necessarily follow that the one caused the other. Against that balanced backdrop, [the study](#) continues:

We aimed to investigate the risk of retinal vascular occlusion after COVID-19 vaccination. This retrospective cohort study used the TriNetX global network and included individuals



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vaccinated with COVID-19 vaccines between January 2020 and December 2022. We excluded individuals with a history of retinal vascular occlusion or those who used any systemic medication that could potentially affect blood coagulation prior to vaccination.

In simple layman's terms, that means that the study's authors sought to eliminate any other causes for retinal vascular occlusion other than Covid vaccines. While commonality is not causality, once other possible causes are taken into consideration and excluded, the evidence can stand up to scrutiny.

It has long been known that Covid vaccines can cause blood clots. Retinal vascular occlusion is a blockage of the flow of blood in the retina. It causes vision loss and can lead to permanent full blindness. So, this study's goal was to examine the connection between a vaccine known to cause blood clots and patients who experienced visual impairments as a result of those blood clots.

The study states, "Individuals with COVID-19 vaccination had a higher risk of all forms of retinal vascular occlusion in 2 years after vaccination" and explains:

The cumulative incidence of retinal vascular occlusion was significantly higher in the vaccinated cohort compared to the unvaccinated cohort, 2 years and 12 weeks after vaccination. The risk of retinal vascular occlusion significantly increased during the first 2 weeks after vaccination and persisted for 12 weeks. Additionally, individuals with first and second dose of BNT162b2 and mRNA-1273 had significantly increased risk of retinal vascular occlusion 2 years following vaccination, while no disparity was detected between brand and dose of vaccines.

Further, the study says, "This large multicenter study strengthens the findings of previous cases." The abstract of the study concludes by stating, "Retinal vascular occlusion may not be a coincidental finding after COVID-19 vaccination."

And lest anyone think that these findings are inconsequential or based on small amounts of data, it should be noted that the authors "collected information on a total of 95,156,967 individuals, of whom 7,318,437 met the inclusion criteria." So, they started with nearly 100 million study subjects and excluded the lion's share of them to avoid skewing the results. As stated earlier, the authors "excluded individuals with a history of retinal vascular occlusion or those who used any systemic medication that could potentially affect blood coagulation prior to vaccination." Next, they excluded "cases with confirmation of COVID-19 diagnosis" so that any retinal vascular occlusion that may have been caused by Covid illness was also excluded. That left them with a group of 6,755,737 individuals, which they "separated into two cohorts: 883,177 vaccinated and 5,871,737 unvaccinated individuals."

This means that they were able to compare apples to apples and see *only* data that would point to a connection between Covid vaccines and retinal vascular occlusion while comparing two cohorts with the only significant difference being whether or not they had received Covid vaccines.

The study found that at the two-year mark after receiving the Covid vaccine, "The overall risk of retinal vascular occlusion in the vaccinated cohort was 2.19 times higher than that in the unvaccinated cohort." So, while this certainly does not mean that everyone who received a Covid vaccine is going to go blind, it does mean that they are more than twice as likely to suffer a retinal vascular occlusion that could cause visual impairment and possibly even full permanent blindness.



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