

# Review of: "Retinal Vasculitis Following COVID-19 Infection: A Systematic Review"

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**Potential competing interests:** No potential competing interests to declare.

I appreciate the author for writing this manuscript. Below are my inputs for the manuscript.

**Title:** I suggest changing the title to "Retinal vasculitis following COVID-19 infection: Systematic review of case reports/series"

**Abstract:**

**Purpose** of the study does not mention why the study is being undertaken.

**Methods:** The search strategy could not be replicated, and it showed only 30 articles under various combinations when I performed the search. Please provide the search strategy used in an additional file. There is no description or definition of what constitutes retinal vasculitis. No criteria for identifying retinal vasculitis are mentioned. What patterns of vasculitis are found on various diagnostic modalities.

**Results:** Observational data presented in percentages.

**Conclusion:** It is unclear if COVID-19 is just a coincidental finding versus a causative agent. Please explain.

**Main manuscript:**

**Introduction:** It does not describe the incidence or association of retinal vasculitis and COVID-19. It is too brief and unclear.

**Methods:** Why was only one database chosen? The search strategy could not be replicated. Please provide a detailed search strategy in a supplementary file. This is an observational study that involves case reports/series. Please mention the inclusion and exclusion criteria. Please mention how the quality of the studies included is graded. **(Please use this study for reference: Abdel-Wahab N, Lopez-Olivo MA, Pinto-Patarroyo GP, Suarez-Almazor ME. Systematic review of case reports of antiphospholipid syndrome following infection. Lupus. 2016 Dec;25(14):1520-1531. doi: 10.1177/0961203316640912. Epub 2016 Apr 7. PMID: 27060064; PMCID: PMC7508159.)**

Please mention the findings of fundus photos, OCT, and FFA in table 1.

Please mention the type of statistics used.

Please mention the data availability statement and the need for IRB approval.

**Results:** Please mention how long the patients were monitored for visual recovery follow-up.

**Discussion:** No discussion of retinal vasculitis in COVID-19. Authors only discuss various ocular findings in different literature reviews. Authors could not establish if COVID-19 is a causative versus an incidental finding. Authors might need to consider changing the conclusion part.

Please discuss strengths and limitations of this study.

**Overall conclusion:**

Quality of the article might improve after major revisions.