

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

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Potential competing interests: No potential competing interests to declare.

Interesting paper but maior concerns before acceptance:

Introduction

- Provide more background on systemic vasculitis associated with COVID-19 infection and potential mechanisms like endothelial dysfunction, inflammation etc. cite PMID:PMC7373848.
- Discuss prior reviews describing other retinal manifestations like CWS, hemorrhage and occlusions.
- Emphasize lack of focus on vasculitis specifically and rationale for current systematic review.

Methods

- Specify databases searched (PubMed, Embase etc), date ranges, and search strategy including all keywords/MESH terms used.
- Describe screening process in detail - records identified, screened, eligible & included.
- Provide reasons for exclusion at full text screening stage.
- State critical appraisal methods used to assess risk of bias in included studies.

Results

- Present detailed baseline characteristics table of included studies - study design, sample size, patient demographics, clinical features.
- Summarize key clinical findings, severity measurements, treatments given in prose and tables/figures.
- Provide ranges, means, medians etc for quantitative outcomes like onset time, vision etc.

Discussion

- Compare demographic and clinical characteristics to other published cohorts of COVID-related retinal lesions.

- Discuss underlying mechanisms that may lead specifically to vasculitis vs occlusions.
- Analyze severity, treatments, outcomes between included vasculitis cases and occlusion cases.
- it would be also interesting cite effect after vaccination, Discuss and cite doi:10.1177/01455613211033125
- Suggest practice implications - role of imaging, biomarkers, tailored treatment protocols.
- Outline limitations like small samples, publication bias, retrospective designs.