Review of: "Study of Variables Related to Cerebrovascular Accident in Patients with COVID-19: A Literature Review"

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Potential competing interests: No potential competing interests to declare.

The abstract could be enhanced by adding specific data or key findings from the review. Including the exact number of articles reviewed and summarizing major results related to COVID-19 and cerebrovascular accidents (CVA) would give readers a clear snapshot.

The introduction provides context on the prevalence and impact of COVID-19-related neurological complications, which is relevant. However, this section could benefit from more detail on the rationale behind studying CVA specifically in COVID-19 patients. Additionally, discussing the novelty of the study in the context of existing literature would clarify its contribution to the field.

The literature review is thorough, covering several factors contributing to CVA in COVID-19 patients, including inflammation and hypercoagulation. However, the structure could be improved by grouping findings under subheadings like "Risk Factors," "Pathophysiological Mechanisms," and "Clinical Implications" to enhance readability.

The methodology of this review is well outlined, but some clarity on the inclusion and exclusion criteria for article selection is needed. Additionally, explaining the process for assessing article quality (e.g., use of systematic review guidelines) would add rigor to the methodology.