Reviewer’s report

Title: The clinical significance of serum lipoprotein ratio in assessing early-stage atherosclerosis.

Version: 2
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Reviewer: Po-Yuan Chang

Reviewer’s report:

The authors have reported the association of serum lipoprotein ratio and early-stage atherosclerosis in a Chinese population. This manuscript is interesting, but several concerns need to be addressed.

Major:
1. The authors used several lipid markers in this study. They also described “lipoprotein” markers, but I cannot find any “lipoprotein” in the manuscript. Lipoproteins include LDL, HDL, etc, which are different from LDL-C, HDL-C. The definition should be clarified.
2. Carotid Intima-media thickness (IMT) has been used as an indicator of atherosclerosis for decades. Therefore the originality and novelty of this study is low.
3. The definition of “early-stage” atherosclerosis is lacking.
4. There is no difference in IMT among the study population. The presence of a “plaque” in vascular walls cannot be used as sole evidence of atherosclerosis.
5. More discussions should be made on the novel markers for “early-stage” atherosclerosis.

Level of interest: An article of insufficient interest to warrant publication in a scientific/medical journal

Quality of written English: Needs some language corrections before being published

Statistical review: No, the manuscript does not need to be seen by a statistician.

Declaration of competing interests:

I declare that I have no competing interests.