Reviewer’s report

Title: Atherosclerotic vascular disease is more prevalent among black ESKD patients on long-term Continuous Ambulatory Peritoneal Dialysis patients in South Africa

Version: 0 Date: 17 Nov 2018

Reviewer: Abdul Rashid Qureshi

Reviewer's report:

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Manuscript with title Atherosclerotic vascular disease is more prevalent among black peritoneal dialysis patients in South Africa by Oguntola et.al. They recruited One hundred sixty one healthy subjects who served as control CKD-3 and peritoneal dialysis and hemodialysis patients with records of atherosclerotic vascular disease (AsVD) to clinical and echocardiographic parameters from January to August 2017 were analyzed.

The manuscript have a good disposition of text with adequate references. Oguntola et.al. have presented the results which are supported with appropriate statistical analysis. The multivariate logistic regression is based upon 80 patients I will suggest the need to be cautious on the odd ratios of 49 with a 95% confidence interval between 2 to 900. Similarly the odds of age of 40 years were 3 three times but it's 95% confidence interval confidence and 1 to 9. I will suggest that they may calculate the Framingham's CVD risk score among the patient and show in four groups and its impact on the results of the present study. They may use Dunn's test after the nonparametric ANOVA instead of using pairwise comparison between Wilcoxon rank test. They may show these comparisons of the figures, which will make easier for the reader to comprehend the results.

Are the methods appropriate and well described?
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Yes

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Yes

Are you able to assess any statistics in the manuscript or would you recommend an additional statistical review?
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I am able to assess the statistics

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