

August 23, 2019

Biostatistics Review Certificate

Regarding the manuscript entitled “Relationship between metabolic syndrome and hypercapnia among obese patients with sleep apnea.”, I certify that:

- 1) statistical methods were adequately and appropriately described when they were used to verify the results;
- 2) statistical techniques are suitable or correct, and compliant with the Baishideng Publishing Group (BPG) directives
- 3) Only homogeneous data can be averaged. Standard deviations are preferred to standard errors. The number of observations and subjects ( $n$ ) is given. Losses in observations, such as drop-outs from the study, are reported;
- 4) The word “significantly” is replaced by the  $P$  value (if it indicates statistical significance).

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