Reviewer's report

Title: Effect of mandibular position achieved using an oral appliance on genioglossus activity in healthy adults during sleep

Version: 0 Date: 16 Jun 2019

Reviewer: Daren Gibson

Reviewer's report:

Small number of HEALTHY individuals. I ENJOYED THE PAPER, IDEAS AND CONCEPT. Would you expect a GG muscle have normal response in UNHEALTHY individual-for example a diabetic with OSA? - would like a brief comment. Are genioglossues muscles-side dominant? i.e If right-handed, would the Right GG dominate?? If the 12mm bite opening overall reduce compliance long term with MAD? this needs a comment? Grammar needs some attention. BACKGROUND Line 11: Narrower instead of SMALLER Line 36: Previous studies suggest... Line 40: the role of vertical opening IS still a controversy.....and NEEDS FURTHER INVESTIGATION UPON THE EEEFFECTS OF A... Line 46: Although OSA can HAVE adverse effects, overall, ......outweigh the risks, especially considering..... Line 52: ...patients should remain compliant with OA therapy..... The GG muscle is a MAJOR CONTRIBUTOR in preventing upper airway occlusion and, an understimulated, its play a central role in apnoea generation. Physiological evidence suggests optimised treatment outcomes when... MATERIALS AND MRTODS: SPELLING!!

Level of interest
Please indicate how interesting you found the manuscript:

An article of importance in its field

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