


Unravelling Pediatric Obstructive Sleep Apnea: Prevalence, Severity, and Associated Conditions [Response to Letter]

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Dear editor

Thank you for your insightful correspondence regarding our recent publication on pediatric obstructive sleep apnea (OSA) in the Journal of Nat Sci Sleep. We appreciate your interest in our study and value the constructive feedback you have provided. We acknowledge your suggestion to enhance the depth of our data analysis, particularly regarding the relationship between BMI and OSA severity in pediatric populations. Exploring additional variables such as age, gender, and anatomical factors (eg, tonsil and adenoid hypertrophy) could further elucidate the multifaceted nature of OSA in children. Subgroup analyses based on these variables may reveal differential impacts on OSA severity and progression, thereby enhancing clinical management strategies. Regarding statistical methodologies, we recognize the potential benefits of employing more sophisticated models, such as multivariable regression analysis. This approach would allow us to better delineate the independent associations between OSA and coexisting conditions while controlling for potential confounders such as demographic factors and comorbidities.

Furthermore, your suggestion to consider broader contextual factors, including socioeconomic status and regional disparities, is pertinent. These variables can significantly influence OSA prevalence and outcomes, warranting careful consideration in future investigations to ensure a comprehensive understanding and applicability of our findings. In conclusion, we appreciate your constructive critique and will integrate these recommendations into our future research endeavours. We remain committed to advancing the field of pediatric sleep medicine and look forward to further contributions to this important area of study.

Disclosure

The authors report no conflicts of interest in this communication.

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