



Obstructive Sleep Apnea with Cardiovascular, Metabolic and Mental Health Disorders

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Message from the Guest Editor

Obstructive sleep apnoea (OSA) is a very common disease and is a risk factor for cardiovascular, metabolic, and mental health disorders. However, the effect of OSA-specific treatments such as continuous positive airway pressure therapy or the use of mandibular advancement devices on comorbidities is less evident. This highlights the need for understanding the mechanisms linking OSA to its comorbidities. It appears that this link depends on genetic, epigenetic, inflammatory, oxidative stress-related, hormonal, and physical factors as well as patient demographics, lifestyle, and obesity. It is also recognised that sleep quality and quantity-related issues, such as position and REM-dependency of respiratory events, the magnitude of overnight hypoxaemia and accompanying sleep disorders, such as insomnia and periodic limb movement disease, could also contribute.

For the current issue, we encourage submission of original research and review articles exploring the mechanisms and association between OSA and its comorbidities.





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