

Special Issue

Diagnosis and Treatment of Obstructive Sleep Apnea

Message from the Guest Editors

Obstructive sleep apnea (OSA) is a complex disorder with a multifactorial and incompletely understood etiology. It is a part of the syndrome of sleep-disordered breathing, characterized by increasing limitation of airflow through the upper airways, sometimes resulting in complete obstruction of the airway. Although there are various diagnostic options, questionnaires, and feasibility studies available to assess clinical parameters in diagnosing OSA and determining the severity of the disease, overnight polysomnography represents the gold standard in diagnosing OSA. In adults, treatment for OSA most often involves multi-level surgery and CPAP treatment. In children, a large percentage of OSA cases are resolved with surgery, tonsillectomy and adenoidectomy. This Special Issue will provide a comprehensive overview of all diagnostic and therapeutic options for treating OSA in both adults and children, as well as the latest research findings in this area. Our goal is to compile the most recent insights into the diagnosis and treatment.

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