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Sleep disordered breathing and psychiatric disorders in the pediatric population: Meta-analytic review

Sleep disordered breathing (SDB) includes primarily; snoring, obstructive sleep apnea (OSA) and obstructive hypoventilation syndrome. This disorder has been linked to increased prevalence of weight gain, diabetes mellitus, strokes and even heart disease in the adult population. Attention deficit hyperactivity disorder (ADHD) is a common disorder in children and/or adolescent population manifesting in hyperactivity, inattention and impulsivity. Additionally, depressive disorders are also not uncommon in this population and are usually present in the form of sadness or irritability, sleep and appetite problems, suicidal tendencies, concentration issues or lack of enjoyment in activities. The aim of this discussion is to explore, if there is a relationship between SDB and the prevalence of attention deficit hyperactivity and depressive symptoms in the

pediatric population. Since adenotonsillectomy (AT) is the main treatment for OSA, a meta-analysis of the effect of AT on the ADHD and depressive symptoms are reviewed.

Speaker Biography

Karim Sedky has completed his Medical School at Alexandria University, Egypt. He completed his Master's degree in Anatomical Sciences and Neurobiology from the University of Louisville, Louisville, KY. He gained his training in both General Psychiatry as well as Child and Adolescent Psychiatry after completing his training at Drexel University, Philadelphia, PA. He is a Professor of Psychiatry and is the Medical Student Education Director at CMSRU. He has published more than 30 papers in reputable journals and has been serving as Chief Editor for the Journal of Sleep and Sleep Disorder Journal Research and on the Editorial Board for few other journals. His main interest is focused on the effects of sleep and sleep disorders and its relation to psychiatry disorders in children and adolescent population.

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