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Association of obstructive sleep apnea and brain tumor**Jimmy Alexander**

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Statement of the Problem: Sleep disorders could be associated with neurological diseases. Obstructive sleep apnea is one of the sleep disorders which is often underdiagnosed and undertreated. Obstructive sleep apnea was associated with increased incidence of all tumor, especially brain tumor. We aimed to determine the incidence of brain tumor in patients with obstructive sleep apnea syndrome.

Methodology & Theoretical Orientation: An observational descriptive study using questionnaire and polysomnography was utilized during participant observation, in-depth interviews, and neurological examination.

Findings: In this study, the majority of patients in this study are men. We found obstructive sleep apnea patients with brain tumor 75% and 25% without brain tumor.

Conclusion & Significance: Obstructive sleep apnea is associated with increased incidence of brain tumor. Recommendations are made for hospital and treatment centers to observe the incidence of brain tumor in patients with obstructive sleep apnea.

Biography

Jimmy Alexander has his expertise in evaluation brain tumor neurooncology and sleep disorders in neurology and passion in improving the health and wellbeing. His open and contextual evaluation based on responsive medicine creates pathways for improving healthcare. He has experience in research, evaluation, teaching and administration both in hospital and education institutions.

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