

## Prevalence of Vestibular Migraine in Obstructive Sleep Apnea Patients

**Abstract:** This presentation explores the prevalence of vestibular migraine (VM) in patients with obstructive sleep apnea (OSA) and their relationship. While sleep apnea has been recognized as having a significant influence on the vestibular system, little research has been conducted on the occurrence of vestibular migraine in OSA patients. A survey was conducted on 130 patients suspected of having sleep apnea, who later underwent polysomnography at Rajavithi Hospital. The results revealed that all patients had severe OSA, with 10.8% also presenting with vestibular migraine. The study emphasizes the importance of recognizing sleep apnea as a trigger for vestibular migraine and highlights the potential benefits of OSA treatment in alleviating vestibular migraine symptoms. Further investigation in this area is warranted to explore the relationship and potential treatment approaches.

**Keywords:** Vestibular migraine, Obstructive sleep apnea, Prevalence, Polysomnography, Balance problems, Sleep difficulties.