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A Review on Migraine Treatment and Physiology

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Abstract: *A multitude of peripheral and central nervous system areas and networks are involved in the complicated neurobiology of migraine, a frequent and highly incapacitating neurological condition. The pathophysiology of migraines has been better understood in recent years, which has made it easier to translate that understanding into innovative treatments. These treatments are now being made available to patients worldwide and are significantly altering the clinical approach to the condition. The first section of this review will present a current summary of migraine pathophysiology by examining the structure and function of the primary illness-affected regions and emphasizing how these contribute to the wide range of symptoms that define the disease and attacks. In addition to giving a brief summary of recent research supporting established migraine treatments, the second section of the paper will address the novel therapeutic agents that have been developed for the treatment of migraine. These agents include molecules that target the calcitonin gene-related peptide serotonin,5-HT1F receptor agonists, and on-invasive neuromodulation*

Keywords: Migraine, Pathophysiology, Treatment, Diagnosis