

# MIGRAINE HEADACHE: JUST THE FACTS

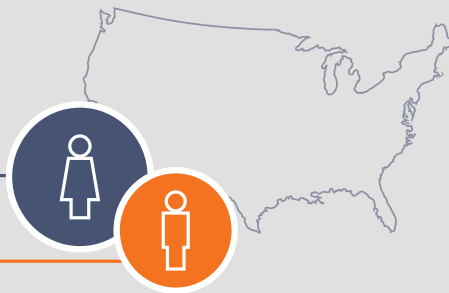
## ABOUT MIGRAINE HEADACHE

Migraine describes recurrent, pulsing headaches that are typically unilateral but may occur bilaterally (on both sides of the head) and may cause visual disturbances, nausea and vomiting.

Migraine affects more than  
**39 million Americans<sup>1</sup>**

**18%** of women

**6%** of men



Nearly **1 in 4** U.S. households include someone with migraine<sup>1</sup>

**3rd**  
most prevalent  
illness in  
the world<sup>1</sup>



**6th**  
most  
disabling illness  
in the world<sup>1</sup>



More than  
**90%** of  
sufferers are  
unable to work  
or function  
normally during  
their migraine<sup>1</sup>



Only **4 out of 10** patients are satisfied with their current migraine treatment, despite having tried many treatment options<sup>2</sup>

## MIGRAINE IS AN ECONOMIC BURDEN AND STRAIN ON THE HEALTHCARE SYSTEM<sup>1</sup>



Healthcare and lost productivity costs associated with migraine are estimated to be as high as

**\$36 billion**  
annually in the U.S.

Healthcare costs are  
**70% higher**  
for a family with a migraine sufferer than a non-migraine affected family.

American employers lose more than

**\$13 billion**  
each year as a result of  
**113 million**  
lost work days  
due to migraine.



Patients who experience migraine not only have to suffer with the burden of the disease, **but are also at a greater risk for co-morbid physical and psychiatric conditions**

## CURRENT STANDARD OF CARE FOR THE ACUTE TREATMENT OF MIGRAINE IS NOT ALWAYS EFFECTIVE<sup>3</sup>

There is no cure for migraine. Migraine is complex, and while there are various treatments available, there is a significant need for new treatment approaches. Acute medications fall into general classes of medicine:



**Nonsteroidal anti-inflammatory drugs (NSAIDs)**



**Analgesics painkillers**



**Triptans Serotonin agonists**

Still, more than one-half of Americans who suffer from migraine try to manage their illness with nonprescription medications, and have typically cycled through multiple nonprescription medications by the time they seek treatment.<sup>4</sup>

## EMERGING THERAPIES

Upcoming innovations have the potential to provide migraine patients with alternative treatment options for currently unmet needs:



**Neuromodulation**

- **Neuromodulation** is an area of medicine that can potentially be used in novel ways to give patients alternative treatment options for pain associated with primary headache, especially as varying applications of neuromodulation have already proven effective and safe. Through the transmission of therapeutic signals, neuromodulation blocks certain pain signals and thereby provides relief for the patient.



**Novel drugs**

- **Calcitonin gene-related peptide (CGRP) monoclonal antibodies** are being studied for the prevention of migraine. **CGRP antagonists** are being studied for the treatment of acute migraine.

### REFERENCES

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3. American Migraine Foundation. Commonly Used Acute Migraine Treatments. <https://americanmigrainefoundation.org/understanding-migraine/commonly-used-acute-migraine-treatments/>. Accessed 21 February 2018.
4. American Family Physician. Treatment of Acute Migraine Headache. <https://www.aafp.org/afp/2011/0201/p271.html>. Accessed 21 February 2018.

