

What Is Migraine?

Migraine is a disease that affects the brain and nerves.

About **40 million adults** in the United States have migraine.

People with migraine can have symptoms like moderate-to-severe headaches, nausea, and sensitivity to light and sound.

These episodes are called migraine attacks.

What Causes Migraine?

Migraine may be caused by changes in your brain.

The brain's pain control center may process normal signals as pain. These signals may include bright light, sounds, and smells.

These changes in your brain may be due to your family history, changes in your body, and other external factors.

What Do Migraine Attacks Feel Like?

A migraine attack may cause **pulsating pain** that usually starts on one side of your head. This feeling may spread to other parts of your head or neck.

- Migraine attacks can be very painful
- The pain may last for hours or days
- During an attack, you may be nauseated,
 vomit, and be very sensitive to
 light and sound

Your symptoms may change from day to day and even within the same day.

How Often Do Migraine Attacks Occur?

Migraine attacks happen more often for some people than others. Some people have them only occasionally, while others may have attacks nearly every day.

You may hear **migraine** referred to as **episodic migraine** or **chronic migraine**.

Over time, you may move back and forth between having episodic migraine and chronic migraine.

Episodic Migraine

You have headache on less than 15 days per month



Chronic Migraine

You have headache on 15 or more days per month for at least three months

At least 8 of your headaches each month have symptoms of migraine



What Are the Phases of Migraine?

Migraine attacks are different for everyone who has them, but the symptoms tend to happen in **four main phases**, in the order shown below.

Not everyone has all of these symptoms. For example, only about one-third of people with migraine have the aura phase. Some people have symptoms from two or more phases at the same time.

Symptoms

EARLY AFTER-HEADACHE 2 AURA **3** HEADACHE (PREMONITORY) (POSTDROME) Days to hours before Minutes to about an hour Lasting hours to days Hours to days after the the headache before the headache headache Feeling tired all over · Seeing zigzag lines or Having throbbing pain on Feeling tired all over Yawning repeatedly having blurry vision one side of head Having trouble · Having trouble · Feeling pins and needles on Having moderate or concentrating one side of your body, face, Having a stiff neck concentrating severe pain · Being sensitive to light or tongue Feeling pain that or sound · Feeling numbness worsens with movement · Having trouble speaking · Having mood changes or Feeling nauseated or feeling irritable Usually aura symptoms go vomiting Having food cravings away in about an hour Being sensitive to light or Having a stiff neck sound

What Can Trigger a Migraine Attack?

Some people get a migraine attack during certain times, such as when they are hungry or tired. These factors are called **triggers**. Not everyone has triggers, and triggers may not be the same for everyone.

Some Common Triggers Include:

- · Changes in sleep habits
- Changes in weather
- Menstrual period
- Stress
- Hunger

- Eating certain foods
- Alcohol
- Smoking
- Dehydration
- Overuse of some medicines



Learning your own triggers may play an important role in managing migraine. Migraine attacks may still occur, even while avoiding known triggers.

What Helps With Migraine?

There are ways that might help make your migraine attacks less frequent or severe. You can do some things to help **relieve your symptoms after a migraine attack has started** (acute management). You can try some other things that may help **reduce the number of migraine attacks** you have (preventive management).

During a Migraine Attack

You can try things that may help reduce migraine symptoms.

- · Apply a cool or warm cloth to your head or neck
- · Go to a dark, quiet room and lie down
- Over-the-counter or prescription medicine
- Other pain relief options may include:
 - Relaxation
 - Biofeedback as a method of learning to control your symptoms by monitoring them

Before a Migraine Attack

You can make changes in your everyday life that may help.

- · Try to go to bed and wake up at the same time every day
- · Eat on a regular schedule
- · Drink plenty of water
- Limit how much coffee, black tea, or cola you drink. These have caffeine
- · Make time to do things that you find relaxing
- Cognitive behavioral therapy may lower stress and perception of pain
- Prescription medicine

Make a plan:

Work with your healthcare provider to develop a migraine management plan that may help reduce the effect of your migraine attacks.

How Can You Talk About Migraine?

WITH YOUR HEALTHCARE PROVIDER:

Keep a migraine journal. It is a valuable tool for you and your healthcare provider.

Here are some things you may want to track in your journal:

- ✓ How often do you have migraine attacks?
- ✓ How long do your migraine attacks last?
- ✓ What kind of symptoms do you have during a migraine attack?
- ✓ Have you noticed things that trigger your migraine attacks?
- ✓ What seems to help relieve your symptoms?

WITH FRIENDS, FAMILY, AND COWORKERS:

You may want to talk to some people about your migraine attacks. Here are some facts you can share about migraine:

- **Migraine is more than a bad headache.** Migraine is a disease that affects the brain and nerves. Migraine includes many symptoms, not just headache
- Migraine is more than just pain. There are symptoms other than pain during a migraine attack. People can experience sensitivity to light and sound, zigzag lines or bright flashing lights in their vision, fatigue, nausea, or vomiting
- Migraine attacks feel different for different people. Symptoms and severity
 can be different from person to person and individually from one migraine
 attack to the next migraine attack



Watch a Video

Scan the QR code on the right to watch an informative video about migraine. Please use your phone's camera to capture the QR code. Once the code is scanned, your device will display a pop-up box that you can then select to take you to the video.

Resources

The groups listed below offer more information and help for migraine.

American Academy of Neurology Brain & Life

brainandlife.org

American Migraine Foundation

americanmigrainefoundation.org

Coalition For Headache And Migraine Patients (CHAMP)

headachemigraine.org

Migraine Again

migraineagain.com

Miles for Migraine

milesformigraine.org

National Headache Foundation

headaches.org

National Institute of Neurological Disorders and Stroke ninds.nih.gov



Understanding Migraine English Vide

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