

# What Is Medication Overuse Headache?

Medication overuse headache is a [secondary headache disorder](#), most commonly occurring in people living with migraine.

**People with medication overuse headache experience more than 15 headache days per month for at least three months, and the headaches have developed or worsened with medication overuse.**

Sometimes we can enter into a vicious cycle—because there is more pain, you start taking more medicine, and then the medicine itself can worsen the headache and how often you have it.

## How much is too much?

What constitutes overuse depends on the type of medication you're taking and how often you're using it. Only acute medications, which are taken to stop an attack, are believed to be responsible for medication overuse headache. Notably, the newer gepant family of medications are not thought to cause medication overuse. Frequent use of acute medications to treat other pain conditions can produce MOH in people living with migraine.

Over-the-counter pain relievers like aspirin, acetaminophen and NSAIDs can cause overuse headache when they're used 15 or more days per month.

Overuse of prescription medications, opioids and combination pain relievers (e.g., over-the-counter acetaminophen/aspirin/caffeine) happens when using them 10 or more days per month.

Keep in mind that the numbers below can vary person to person, and for some people the risk of medication overuse headache can start at a higher or lower number of days per month.

**If you're experiencing more headaches and need medication more than two days per week, it may be an indication you are at increasing risk for [medication overuse headache](#).**

## Start a Headache Diary

To help identify whether your headaches are caused by medication overuse, you can track them with a headache diary. This record will give you a fuller picture of how often you're having headaches, how often you're using medication and how effective it is.

### What To Track in Your Headache Diary

- Your headache days
- The severity of your pain
- Medications you took
- The dosage and time you used them
- The medication's effect on your symptoms

Category	Common Medications	What Constitutes Overuse?
<b>Simple Analgesics</b>	Over-the-counter anti-inflammatory pain relievers including acetaminophen and NSAIDs like ibuprofen	<b>15 or more days per month</b>
<b>Combination Pain Relievers</b>	Medications that combine 2 or more types of pain agents, such as acetaminophen and caffeine, or acetaminophen and codeine or butalbital	<b>10 or more days per month</b>
<b>Prescription Migraine Medications</b>	Triptans and ergotamines	<b>10 or more days per month</b>
<b>Opioids</b>	Prescription-strength pain relievers like oxycodone, tramadol, butorphanol, morphine, codeine, and hydrocodone	<b>10 or more days per month</b>

## Remember: It Is Not Your Fault

It's important to follow your migraine treatment plan. When used appropriately, medication can drastically improve the quality of life for people living with migraine. Your pain is real, and it's valid to want those debilitating, life-disrupting symptoms to go away. If you find yourself in a situation of medication overuse, it's not your fault. **Medication overuse headache may be an indication that your migraine is not fully managed.**

Medication overuse headache is common, affecting [1% to 2% of the general population](#). About half of people diagnosed with chronic migraine significantly improve after weaning off an overused medication. However, for many people, medication overuse can be a sign of underlying disabling migraine, and medication overuse as well as chronic migraine can improve with good preventive treatment.

## Ways to Wean off Medications

Weaning off medication not only involves taking your medication less often or stopping it completely—it may also require managing your symptoms in a different way, such as bringing a greater focus to prevention or incorporating non-medication treatments.

- Under your doctor's direction, if possible, decrease and stop taking the medication that is causing medication overuse headache. It may take 2 to 6 months to stop the headache cycle. The first few weeks tend to be the worst.
- Some patients may benefit from temporarily switching to an alternative acute treatment in carefully limited quantities while the overused medication is being reduced, under a doctor's guidance.
- Discuss with your doctor whether you're a good candidate for starting or adding a preventive medication. Preventive medications reduce the occurrence of headache and have not been linked to causing medication overuse headache.
- Your doctor may recommend a short course of long-acting non-steroidal anti-inflammatory medication (like naproxen or nabumetone) to ease the transition off your other medication. Your doctor may also recommend an admission to the hospital to help wean off medications faster.

- Alternative therapies, such as neuromodulation and behavioral treatments such as cognitive behavioral therapy or biofeedback, can also help during the weaning period.
- Identify your triggers—or what you believe triggers your primary headache disorder—and work to reduce or avoid them. Common environmental triggers can include bright lights, loud noise, and strong scents.
- Make [lifestyle changes](#) to prevent or reduce your migraine symptoms. Make it a priority to get enough sleep, stay hydrated, eat regular meals and exercise.
- Reduce or slowly eliminate (i.e., wean off) your [caffeine](#) intake. While caffeine helps some people manage migraine, drinking more than 200 mg of caffeine a day (about two large cups of coffee) can exacerbate medication overuse headache.
- Stress is another common trigger for migraine, so managing stress is important. Non-medical treatments such as acupuncture, massage, meditation and other relaxation techniques can help relieve stress and be very effective for migraine management.

## How to Have a Conversation With Your Doctor

Your doctor is on your side and wants to help you feel your best. If you suspect that you're experiencing medication overuse headache, bring it up to your doctor. Tell them how many headache days you're experiencing, the frequency and severity of your symptoms and how often you're taking medications. (This is where that headache diary comes in handy!)

Your doctor can evaluate why your headaches are increasing, provide a diagnosis and suggest changes to your migraine treatment plan to eliminate medication overuse headache—such as trying a new preventive strategy or switching your medication. Because it's individual to each person, migraine can take time to figure out and manage effectively. With a combination of preventive and acute treatments, as well as an open, ongoing dialogue with your doctor, you will find what works best for you.

*The content in this document is provided for educational purposes only. While it is doctor-verified, it is not intended to serve as medical advice, and users are advised to seek the advice of their doctors before making any decisions based on the information in this article.*

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The mission of the American Migraine Foundation is to mobilize a community for patient support and advocacy, as well as drive and support impactful research that translates into advances for patients with migraine and other disabling diseases that cause severe head pain. Visit [americanmigrainefoundation.org](http://americanmigrainefoundation.org) for more resources for people living with migraine and their supporters.

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