

Acute Treatment Goals

- Achieve fast relief and freedom from symptoms
- Achieve functional recovery
- Minimize need for additional doses or medications
- Optimize self-care and reduce need for resources
- Minimize adverse events
- Maintain cost-effective management

Important Considerations

- Start treatment ASAP after onset of headache
- Individualized **lifestyle modifications** are important
- Acute treatment should be offered to **all patients** with confirmed migraine diagnosis
- Use acute treatment medications at the onset of attack, **at the first sign of pain**

Acute Treatment Options

Migraine-specific Agents

Established efficacy

Probably effective

Non-specific Agents

Established efficacy

Probably effective

Acute Treatment Recommendations

Mild to moderate attacks

Moderate to severe attacks

Inadequate response to non-specific agents

Triptan*

Second triptan

Inadequate response to initial treatment

Criteria for initiating small molecule CGRP receptor antagonists, lasmiditan, or neuromodulatory devices

Small molecule CGRP receptor antagonists, lasmiditan, or neuromodulatory devices

*Triptans are generally considered the first-line migraine-specific options; nonoral options, such as dihydroergotamine, may be considered when traditional oral options are inappropriate (e.g., for patients with severe nausea/vomiting)

Preventive Treatment Goals

- Reduce attack frequency, severity, and duration
- Reduce disability associated with migraine attacks
- Improve treatment response, prevent escalation
- Improve function
- Reduce need for intolerable, ineffective, unwanted acute treatment
- Reduce overall cost of migraine treatment
- Provide sense of control; allow self-management
- Improve health-related quality of life
- Reduce psychological burdens of migraine

When to Consider Preventive Treatment

Consider preventive treatment in **any** of these situations

- Significant interference in daily life from migraine attacks despite acute treatment
- Frequent attacks (see *Definitions* below)
- Contraindication to acute treatments or failure of acute treatments
- Adverse effects associated with acute treatment
- Overuse of acute treatments (see *Definitions* below)
- Patient preference
- Certain uncommon migraine types (e.g., hemiplegic or prolonged aura)
- History of migrainous infarction (regardless of attack frequency)

Preventive Treatment Options

Oral Agents

Established efficacy

Probably effective

Parenteral Agents

Established efficacy

Probably effective

Prevention Recommendations

Current AHS recommendations for migraine prevention are addressed for the following conditions:

- Episodic migraine** with or without aura (**4 to 14 monthly migraine days**) based on ICHD-3 with at least moderate disability (MIDAS ≥ 11 or HIT-6 > 50)
- Chronic migraine** with or without aura (**≥ 15 monthly headache days**) based on ICHD-3

Per AHS, preventive options for either episodic or chronic migraine are summarized below:

- Topiramate
- Divalproex/valproate sodium
- Beta-blocker (metoprolol, propranolol, timolol, atenolol, nadolol)
- Candesartan
- TCA (amitriptyline, nortriptyline)
- SNRI (venlafaxine, duloxetine)
- CGRP mAbs (e.g., eptinezumab, erenumab, fremanezumab, galcanezumab)
- CGRP receptor antagonist (e.g., atogepant, rimegepant*)
- Other preventive treatments^ that have established efficacy or are probably effective (see the *Preventive Treatment Options* table)

*Rimegepant is an option specifically for **episodic** migraine

^OnabotulinumtoxinA is an option specifically for **chronic** migraine

Definitions

Frequent attacks (for prevention criteria)

Offer preventive treatment if:

Consider preventive treatment if:

Overuse (for prevention criteria)

Adequate trials

CGRP: calcitonin gene-related peptide

HIT-6: Headache Impact Test-6

ICHD-3: International Classification of Headache Disorders, 3rd edition

mAb: monoclonal antibody

MHD: monthly headache days

MIDAS: Migraine Disability Assessment

MMD: monthly migraine days

NSAID: nonsteroidal anti-inflammatory drug

SNRI: serotonin and norepinephrine reuptake inhibitor

TCA: tricyclic antidepressant

References available at pyrls.com

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