



**BlueCross BlueShield
of Alabama**

Triptans Step Therapy and Quantity Limit Program Summary

This step therapy and quantity limit criteria applies to Commercial, GenPlus, and Health Insurance Marketplace.

Quantity limit only applies to NetResults A series and NetResults F series.

OBJECTIVE

The intent of the Triptans Step Therapy (ST) program is to encourage the use of cost-effective generic triptans before brand triptan products and to accommodate for use of brand triptan products when the more cost-effective generics cannot be used due to documented intolerance, FDA labeled contraindication, or hypersensitivity or previous trial and failure; or if the brand agent is a recommended first-choice agent for the diagnosis. The program allows continuation of therapy with a brand triptan product when there is documentation that the patient is receiving the requested agent. Requests for brand triptan products will be reviewed when patient-specific documentation has been provided.

The intent of the Triptans Quantity Limit (QL) program is to provide automatic approval for patients with three or fewer migraine or cluster headaches per month (two headache days per episode) and to require individual evaluation through the prior authorization process for patients who have more headaches per month and exceed this limit. Additionally, the intent of the quantity limit and PA criteria together is to ensure that patients and prescribers address the current guidelines for the prevention and treatment of migraine and/or cluster headache. Requests for larger quantities will be evaluated through the Clinical Review process when the prescriber provides evidence that dosing with higher quantities is appropriate for the patient. The quantity limit edit applies to both generic and brand triptan products.

TARGET AGENTS (brands only)

Amerge® (naratriptan)^a

Axert® (almotriptan)^a

Frova® (frovatriptan)^a

Imitrex® (sumatriptan)^a

Maxalt®, Maxalt® MLT (rizatriptan)^a

Onzetra Xsail™ (sumatriptan)

Relpax® (eletriptan)^a

Sumatriptan (brand products)

Sumavel DosePro® (sumatriptan)

Treximet™ (sumatriptan/naproxen)

Zecuity (sumatriptan iontophoretic transdermal system)

Zembrace SymTouch™ (sumatriptan injection)

Zomig®, Zomig® ZMT (zolmitriptan)^a

a – available as a generic; used as prerequisite not target in step therapy program

QUANTITY LIMIT TARGET AGENTS - RECOMMENDED LIMITS

Brand (generic)	GPI	Quantity Limit per Month
Amerge® (naratriptan) Tablets		
1 mg ^a	67406050100310	18 tablets (2 packages of 9)

Brand (generic)	GPI	Quantity Limit per Month
2.5 mg ^a	67406050100320	18 tablets (2 packages of 9)
Axert® (almotriptan) Tablets		
6.25 mg ^a	67406010100320	12 tablets (2 packages of 6)
12.5 mg ^a	67406010100330	12 tablets (1 package of 12)
Frova® (frovatriptan) Tablets		
2.5 mg ^a	67406030100320	18 tablets (2 packages of 9)
Imitrex® (sumatriptan) Injection		
4 mg STATdose® system ^a	6740607010D510	12 doses (6 packages)
4 mg STATdose® refill ^a	6740607010E210	12 doses (6 packages)
6 mg STATdose® system ^a	6740607010D520	12 doses (6 packages)
6 mg STATdose® refill ^a	6740607010E220	12 doses (6 packages)
6mg/0.5mL single dose vial (5 x 0.5 mL/package) ^a	67406070102010	5 mL (2 packages)
Sumatriptan injection		
4 mg/0.5 mL vial ^a	67406070102005	12 doses (12 vials)
6 mg/0.5 mL syringe ^b	6740607010E520	12 doses (12 syringes)
Imitrex®, Sumatriptan (sumatriptan) Nasal Spray		
5 mg ^a	67406070002010	12 units (2 packages of 6)
20 mg ^a	67406070002040	12 units (2 packages of 6)
Imitrex® (sumatriptan) Tablets		
25 mg ^a	67406070100305	18 tablets (2 packages of 9)
50 mg ^a	67406070100310	18 tablets (2 packages of 9)
100 mg ^a	67406070100320	18 tablets (2 packages of 9)
Maxalt® (rizatriptan) MLT Tablets		
5 mg ^a	67406060107220	18 tablets (1 package of 18)
10 mg ^a	67406060107230	18 tablets (1 package of 18)
Maxalt® (rizatriptan) Tablets		
5 mg ^a	67406060100310	18 tablets (1 package of 18)
10 mg ^a	67406060100320	18 tablets (1 package of 18)
Onzetra Xsail™ (sumatriptan) nasal powder		
11 mg nosepiece	6740607010G420	32 nosepieces (2 kits of 16)
Relpax® (eletriptan) Tablets		
20 mg ^a	67406025100320	12 tablets (2 packages of 6)
40 mg ^a	67406025100340	12 tablets (2 packages of 6)
Sumatriptan Injection		
6 mg/0.5 mL single dose injection device	6740607010D520	12 doses (6 packages of 2)
Sumavel™ DosePro™ (sumatriptan) Injection		
4 mg/0.5 mL single dose injection device	6740607010D810	12 doses (2 packages of 6)
6 mg/0.5 mL single dose injection device	6740607010D820	12 doses (2 packages of 6)
Treximet™ (sumatriptan/naproxen) Tablets		
10/60 mg	67992002600305	9 tablets (1 package of 9)
85/500 mg	67992002600320	18 tablets (2 packages of 9)
Zecuity® (sumatriptan) Iontophoretic Transdermal System		
6.5 mg/4 hours	67406070105920	12 transdermal systems
Zembrace SymTouch™ (sumatriptan injection)		
3 mg/0.5 ml pens	6740607010D505	24 pens (12 ml)
Zomig® (zolmitriptan) Nasal Spray		
2.5 mg/100 microliters	67406080002010	12 units (2 packages of 6)
5 mg/100 microliters	67406080002020	12 units (2 packages of 6)
Zomig® (zolmitriptan) Tablets		
2.5 mg ^a	67406080000320	12 tablets (2 packages of 6)

Brand (generic)	GPI	Quantity Limit per Month
5 mg ^a	67406080000330	12 tablets (4 packages of 3)
Zomig® (zolmitriptan) ZMT Tablets		
2.5 mg ^a	67406080007220	12 tablets (2 packages of 6)
5 mg ^a	67406080007230	12 tablets (4 packages of 3)

a - available as a generic, included in quantity limit program

b - available as generic only, included in quantity limit program

PRIOR AUTHORIZATION CRITERIA FOR APPROVAL

Quantities above the program set limit for **Generic Triptans** will be approved when ONE of the following is met:

1. ALL of the following:
 - a. The patient has a diagnosis of migraine headache
AND
 - b. ONE of the following:
 - i. The patient is currently using migraine prophylactic medication
OR
 - ii. The patient has a documented intolerance, FDA labeled contraindication, hypersensitivity, or treatment failure to prophylactic migraine medication
AND
 - c. The patient has been evaluated for and does not have medication overuse headache
AND
 - d. ONE of the following:
 - i. The patient is not currently taking another triptan product or an ergotamine product
OR
 - ii. The patient’s current triptan product or ergotamine product will be discontinued prior to starting the requested agent
- OR**
2. BOTH of the following:
 - a. The patient has a diagnosis of cluster headache
AND
 - b. The requested product is an injection or nasal spray

Length of Approval: 12 months

[For a diagnosis of migraine, the quantity requested up to the FDA-labeled maximum dose allowed per 24 hours will be approved.]

Brand Triptan Products will be approved when BOTH of the following are met:

1. ONE of the following:
 - a. The patient’s medication history includes use of a generic triptan in the past 90 days
OR
 - b. There is documentation that the patient is currently using the requested brand triptan product
OR
 - c. The prescriber states the patient is using the requested brand triptan product AND is at risk if therapy is changed
OR
 - d. The patient has a documented intolerance, FDA labeled contraindication, or hypersensitivity to generic triptan agent(s)
- AND**
2. ONE of the following:

- a. The quantity is within the program quantity limit
OR
- b. ALL of the following:
 - i. The patient has a diagnosis of migraine headache
AND
 - ii. ONE of the following:
 - a) The patient is currently using migraine prophylactic medication
OR
 - b) The patient has a documented intolerance, FDA labeled contraindication, hypersensitivity, or treatment failure to prophylactic migraine medication
AND
 - iii. The patient has been evaluated for and does not have medication overuse headache
AND
 - iv. ONE of the following:
 - a) The patient is not currently taking another triptan product or an ergotamine product
OR
 - b) The patient's current triptan product or ergotamine product will be discontinued prior to starting the requested agent
- OR**
- c. BOTH of the following:
 - i. The patient has a diagnosis of cluster headache
AND
 - ii. The requested product is an injection or nasal spray

Length of Approval: 12 months

[For a diagnosis of migraine, the quantity requested up to the FDA labeled maximum dose allowed per 24 hours will be approved.]

This pharmacy policy is not an authorization, certification, explanation of benefits or a contract. Eligibility and benefits are determined on a case-by-case basis according to the terms of the member's plan in effect as of the date services are rendered. All pharmacy policies are based on (i) information in FDA approved package inserts (and black box warning, alerts, or other information disseminated by the FDA as applicable); (ii) research of current medical and pharmacy literature; and/or (iii) review of common medical practices in the treatment and diagnosis of disease as of the date hereof. Physicians and other providers are solely responsible for all aspects of medical care and treatment, including the type, quality, and levels of care and treatment.

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FDA APPROVED INDICATIONS AND DOSAGE ^{1-13,14,23,24}

Agents	Acute treatment, migraine attacks with/without aura (adults)	Acute treatment, migraine headaches (adolescents^a)	Acute treatment, cluster headache episodes (adults)	Dosage and Administration Schedule^b
Amerge (naratriptan) 1 mg, 2.5 mg tablets	✓			Initial dose: 1 mg or 2.5 mg Min time before repeat dose: 4 hours Max dose/24 hours: 5 mg
Axert (almotriptan) 6.25 mg, 12.5 mg tablets	✓	✓		Initial dose: 6.25 mg or 12.5 mg Min time before repeat dose: 2 hours Max dose/24 hours: 25 mg
Frova (frovatriptan) 2.5 mg tablet	✓			Initial dose: 2.5 mg Min time before repeat dose: 2 hours Max dose/24 hours: 7.5 mg
Imitrex, Sumatriptan 25 mg, 50 mg, 100 mg tablets	✓			Initial dose: 25 mg to 100 mg Min time before repeat dose: 2 hours Max dose/24 hours: 200 mg
Imitrex (sumatriptan) nasal spray 5 mg, or 20 mg/spray	✓			Initial dose: 5 mg or 10 mg (1-2 sprays) or 20 mg (1 spray) Min time before repeat dose: 2 hours Max dose/24 hours: 40 mg
Imitrex, Sumavel, Sumatriptan (sumatriptan) injectable 4 mg or 6 mg subcutaneous	✓		✓	Initial dose: 4 mg or 6 mg SC Min time before repeat dose: 1 hour Max dose/24 hours: 12 mg
Maxalt, Maxalt MLT (rizatriptan) 5 mg or 10 mg tablets	✓			Initial dose: 5 mg or 10 mg Min time before repeat dose: 2 hours Max dose/24 hours: 30 mg
Onzetra Xsail™ (sumatriptan nasal powder) 11 mg nosepiece	✓			Initial dose: 22 mg Min time before repeat dose: 2 hours Max dose/24 hours: 44 mg
Relpax (eletriptan) 20 mg, 40 mg tablets	✓			Initial dose: 20 mg or 40 mg Min time before repeat dose: 2 hours Max dose/24 hours: 80 mg

Agents	Acute treatment, migraine attacks with/without aura (adults)	Acute treatment, migraine headaches (adolescents ^a)	Acute treatment, cluster headache episodes (adults)	Dosage and Administration Schedule ^b
Treximet (sumatriptan/naproxen) 85/500 mg tablets 10/60 mg tablets	✓			Adults: Initial dose: One 85/500 mg tablet Min time before repeat dose: 2 hours Max Dose/24 hours: Two 85/500 mg tablets Pediatric: Recommended dose: 10/60 mg Maximum dose: 85/500 mg
Zecuity (sumatriptan) 6.5 mg/4 hours iontophoretic transdermal system	✓			Initial dose: 1 transdermal system applied to skin of upper arm or thigh Min time before repeat: 2 hours Max dose/24 hours: 2 transdermal systems
Zembrace SymTouch™ (sumatriptan injection) 3 mg/0.5 mL	✓			The recommended dose of Zembrace SymTouch is 3 mg injected subcutaneously. The maximum cumulative dose that may be given in 24 hours is 12 mg; one 3 mg injection may be given up to four times a day with each injection at least 1 hour apart.
Zomig, Zomig ZMT (zolmitriptan) 2.5 mg or 5 mg tablets	✓			Initial dose: 2.5 mg or 5 mg Min time before repeat dose: 2 hours Max dose/24 hours: 10 mg
Zomig (zolmitriptan nasal spray) 2.5 mg/spray; 5mg/spray	✓	✓		Initial dose: 2.5 mg; Maximum single dose: 5 mg Min time before repeat dose: 2 hours Max dose/24 hours: 10 mg

a - (12-17 years of age [whose attacks usually last ≥4 hours])

b - Min=minimum; Max=maximum

All products in the above chart are indicated for the acute treatment of migraine attacks with or without aura in adults.^{1-13,14,23,24}

- Use only after a clear diagnosis of migraine has been established
- These products are not intended for prophylactic therapy of migraine attacks, or for management of hemiplegic or basilar migraine.

While the incidence is rare, the triptans have been associated with angina, myocardial infarction (MI), cardiac arrhythmias, hypertension, or stroke, particularly when they were used in patients with vascular risk factors. Triptans should be used with extreme caution in these patients or those with a suspected history of coronary artery disease. Triptans should not be used in patients with uncontrolled hypertension, ischemic heart disease, peripheral vascular disease, or cerebrovascular disease. Triptans should not be used within 24 hours of treatment with another 5-HT₁ agonist, or an ergotamine-containing or ergot-type medication like dihydroergotamine or methysergide.^{1-13,14,23,24}

CLINICAL RATIONALE

The Medical Letter Treatment Guidelines (2017) – Drugs for Migraine state that a triptan is the drug of choice for moderate to severe migraine. The short-acting oral serotonin (5-HT_{1B/1D}) receptor agonists (triptans) sumatriptan (Imitrex, and others), almotriptan (Axert, and generics), eletriptan (Relpax), rizatriptan (Maxalt, and generics), and zolmitriptan (Zomig, and generics) are similar in efficacy. Onset of pain relief generally occurs 30-60 minutes after administration. The longer-acting oral triptans naratriptan (Amerge, and generics) and frovatriptan (Frova, and generics) have a slower onset of action and lower initial response rate than other triptans, but they are better tolerated. Patients with migraine who have nausea or vomiting may not be able to take an oral triptan. Intranasal triptan formulations have a more rapid onset of action than oral tablets, but their efficacy is partially dependent on GI absorption of the portion of the dose that is swallowed. Use of sumatriptan nasal powder (Onzetra Xsail) results in a faster rise in sumatriptan plasma concentrations and higher peak concentrations than use of a similar dose of sumatriptan nasal spray, suggesting that a larger portion of the dose is absorbed intranasally with the powder. Subcutaneously administered sumatriptan relieves pain faster (in about 10 minutes) and more effectively than other triptan formulations, but it causes more adverse effects.¹⁹

The American Academy of Neurology and the American Headache Society guidelines (2012, reaffirmed 2015) on pharmacologic treatment for episodic migraine prevention in adults state that frovatriptan is established as effective and should be offered for short-term menstrually associated migraine (MAMs) prevention (Strong Evidence). Naratriptan and zolmitriptan are probably effective and should be considered for short-term MAMs prevention (Moderate Evidence).¹⁶

The Institute for Clinical Systems Improvement Guideline Diagnosis and Treatment of Migraine Headache states that triptans are considered to have equal efficacy and are more effective at halting migraine pain at mild levels than if the headache is more severe. Clinicians should consider using subcutaneous sumatriptan or intranasal zolmitriptan as a first line option for the treatment of cluster headaches.¹⁷

National Institute for Health and Clinical Excellence (NICE) Clinical Guidance: Diagnosis and management of headaches in young people and adults 2012 state that for migraine headache with or without aura (acute treatment), an oral triptan or an oral triptan with an NSAID is recommended taking into account the person's preference, comorbidities, and risk of adverse events. For people whom oral preparations are ineffective or not tolerated, a nasal triptan is recommended. For cluster headache acute treatment, use of 100% oxygen and/or subcutaneous or nasal triptan are recommended.¹⁸

The American Academy of Neurology 2010 Guideline: Acute and preventive pharmacologic treatment of cluster headache state that sumatriptan subcutaneous injection and zolmitriptan nasal spray are recommended for acute treatment of cluster headaches.¹⁵

American Headache Society (2015): The Acute Treatment of Migraine in Adults: The American Headache Society Evidence Assessment of Migraine Pharmacotherapies: The specific medications – triptans (almotriptan, eletriptan, frovatriptan, naratriptan, rizatriptan, sumatriptan [oral, nasal spray, injectable, transcutaneous patch], zolmitriptan [oral and nasal spray]) are effective (Level A). The evidence base for medication efficacy should be considered along with potential medication side effects, potential adverse events, patient-specific contraindications to use of a particular medication, and drug-to-drug interactions when deciding which medication to prescribe for acute therapy of a migraine attack.²²

American Headache Society (2016): Treatment of Cluster Headaches: Since the publication of the 2010 American Academy of Neurology review, there are no new data from randomized, double-blind, controlled trials that contribute to determining the efficacy or safety for a number of acute treatments, including specifically sumatriptan and zolmitriptan. For acute treatment, sumatriptan subcutaneous, zolmitriptan nasal spray, and high flow oxygen remain the treatments with a Level A recommendation.²⁵

Triptan Formulations

Reviews evaluating sumatriptan oral tablet, nasal spray, and subcutaneous injection vs. placebo or other treatments found the NNT for a pain-free response at two hours was 6.1 for the 50 mg tablet, 4.7 for the 100 mg tablet, 2.3 for the 6 mg SC injection, and 4.7 for the nasal spray.²⁰

A systematic review and meta-analysis of 74 RCTs of oral triptans vs placebo or other triptans for acute treatment of migraine has shown that all seven triptans are superior to placebo, with significantly greater odds of being pain free at two hours compared with placebo. Though this meta-analysis found differences in efficacy between the various tablet formulations of triptans, in clinical practice differences between patients seem more important than the differences between drugs. The response of individuals with migraine to a specific acute drug is unpredictable. If a patient does not respond well to one triptan, other triptans should be tried in subsequent attacks.²⁰

Oral formulations are appropriate when nausea is mild to moderate and vomiting is absent at the time of treatment. Because comparative studies do not clearly establish superiority of one oral triptan over another, a specific agent may be chosen on the basis of formulary availability and previous therapeutic trials. Subcutaneous sumatriptan is the fastest and most efficacious. It is indicated for migraine accompanied by severe nausea or vomiting, for migraines already established by the time of awakening, or in patients who do not respond consistently to oral or nasal preparations.²¹

For additional clinical information see Prime Therapeutics Formulary Chapter 10.4A: Migraine Products: Triptans.

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ADDITIONAL INFORMATION - Migraine Frequency and Prophylactic Therapy

Following appropriate management of acute migraine, patients should be evaluated for initiation of preventive therapy. Factors that should prompt consideration of preventive therapy include the occurrence of two or more migraines per month with disability lasting three or more days per month; failure of, contraindication for, or adverse events from acute treatments; use of abortive medication more than twice per week; and uncommon migraine conditions (e.g., hemiplegic migraine, migraine with prolonged aura, migrainous infarction). Risk of medication overuse headache is also a factor that should be considered.¹⁵ Patient preference and cost also should be considered.¹

For continuous prophylaxis, beta-blockers are commonly used; propranolol and timolol are FDA approved, but metoprolol, nadolol, and atenolol also have been effective. Antiepileptic drugs such as valproate and topiramate have been effective in decreasing migraine frequency in 50% of patients; gabapentin has been used with varying degrees of success. Calcium channel blockers are also used but the evidence for their effectiveness is weak. Tricyclic antidepressants can prevent migraine in some patients but often cause sedation, dry mouth and weight gain. In small double-blind studies, lisinopril and candesartan have reduced migraine frequency.² A Cochrane review (2004)³ of anticonvulsants for migraine prophylaxis states that valproic acid/sodium valproate has proven efficacy for this use. This review suggested that gabapentin needed further evaluation and that topiramate had reasonable evidence to support its use.³

In 2012, the American Academy of Neurology (AAN) updated its guidelines for migraine prevention.^{13,14} Strongly recommended agents include divalproex sodium/sodium valproate, topiramate, metoprolol, propranolol, and timolol; medications listed as probably effective include amitriptyline, venlafaxine, atenolol, and nadolol; and those possibly effective are lisinopril, candesartan, clonidine, guanfacine, carbamazepine, nebivolol and pindolol. Certain NSAIDs are also listed as probably effective (fenopropfen, ibuprofen, ketoprofen, naproxen) or possibly effective (flurbiprofen, mefenamic acid).^{13,14}

Based on published data from a 1989 survey⁴ the median frequency of migraine attacks is 1.5 per month, and the median duration of an attack is 24 hours; at least 10% of patients have weekly attacks, and 20% have attacks lasting two to three days.⁴ Additional surveys from the mid to late 1990's have confirmed these data.⁵⁻⁸ Survey results continue to report a median attack duration of 24 hours; 54% to 63% of patients report monthly attacks and 13% to 25% report weekly attacks.⁵⁻⁸

Evidence-based guidelines and published practice parameters from the American Academy of Neurology (AAN) for the pharmacologic management of migraine headaches suggest that acute therapy should be limited to no more than two headache days per week to guard against medication-overuse headache.⁹ AAN guidelines recommend preventive treatment where the frequency of attacks has increased the use of acute medications to a level that would increase the potential for medication overuse headaches.¹⁰ Medication overuse headache is now included in the International Classification of Headache Disorders.^{11,12} According to this classification, medication overuse headache can be diagnosed when headaches occur on 15 or more days per month, the pain is characterized as bilateral, dull, and of light to moderate intensity, drug intake includes ergots, triptans and opioids for ten or more days per month or analgesics are used for 15 or more days per month for at least three months, and the headache disappears after withdrawal.^{11,12}

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