



MEDICAL POLICY STATEMENT

Ohio Medicaid

Policy Name & Number	Date Effective
Facet Joint Interventions-OH MCD-MM-0967	12/01/2023
Policy Type	
MEDICAL	

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A. Subject**Facet Joint Interventions****B. Background**

An estimated 84% of adults experience back pain during their lifetime. Long-term outcomes are largely favorable for most patients, but a small percentage of patients' symptoms persist. Persistent pain is categorized as subacute when it lasts between 4 and 12 weeks and chronic when it persists for at least 3 months. Facet joint pain comprises 27%-40% of patients with chronic low back pain (LBP).

Comprehensive pain management care plans are most effective in managing a patient's chronic pain. These plans focus on a person-centered approach and incorporate conservative treatment with other modalities. These multidisciplinary treatments promote patient self-management and aim to reduce the impact of pain on a patient's daily life, even if the pain cannot be relieved completely. In addition to conservative therapy, treatment options may include nonpharmacologic or pharmacologic treatments, and nonsurgical or surgical interventions. Only physicians qualified in interventional procedures for pain unresponsive to conservative treatment should perform these health services.

Most spinal structures may be the source of LBP, including intervertebral discs, facet joints, sacroiliac joints, and nerve roots. While some of these can be diagnosed by imaging, discogenic pain without disc herniation, facet joints, and sacroiliac joint pain are difficult to diagnose with imaging alone. Facet medial branch nerve blocks are a diagnostic tool to identify the cause of pain and can provide short term pain relief with certain medications. Following a presumptive diagnosis of facet joint pain through a physical examination and plain radiography or axial imaging, the diagnosis may be confirmed by relief of pain through injection of local anesthetic to the medial branches of the posterior rami of the dorsal spinal nerves supplying the proposed facet joint(s). Facet medial branch nerve blocks may be performed at the targeted joint itself, one joint above and one joint below on the same side, or bilaterally per treatment session. Facet medial branch nerve block injections should be performed with imaging guidance.

A patient may receive a diagnostic injection of a short-acting local anesthetic agent to identify the pain generator. If pain is relieved by the injection, then a radiofrequency ablation (RFA), which uses energy to destroy the nerve, can be performed. A successful radiofrequency facet ablation of the affected nerve (same anatomic location of the positive diagnostic block) may relieve pain for a period of months up to a year or more until nerve regeneration occurs.

C. Definitions

- **Conservative Therapy** - A multimodality plan of care including both active and inactive conservative therapies.

- **Active Conservative Therapies** - Actions or activities that strengthen muscle groups and target key spinal structures, including physical therapy, occupational therapy, a physician supervised home exercise program (HEP), and/or chiropractic care.
 - **HEP** - A 6 week program requiring an exercise prescription and/or plan and a follow-up documented in the medical record after completion, or documentation of the inability to complete a HEP due to a stated physical reason (i.e., increased pain, inability to physically perform exercises). Patient inconvenience or noncompliance without explanation does not constitute an inability to complete.
- **Inactive Conservative Therapies** - Passive activities by the patient that aid in treating symptoms associated with pain including rest, ice, heat, medical devices, acupuncture, TENS use, and/or pharmacotherapy (prescription or over the counter [e.g., NSAIDS, acetaminophen]).
 - **Transcutaneous Electrical Nerve Stimulator (TENS)** - A device that utilizes electrical current directed through electrodes placed on the surface of the skin to decrease the patient's perception of pain by inhibiting the transmission of afferent pain nerve impulses and/or stimulating the release of endorphins. Its use, frequency, duration, and start dates must be documented in the medical record to be considered part of conservative therapy.
- **Medial Branch Nerve Block Injection** - A diagnostic procedure in which a short-acting anesthetic (e.g., lidocaine) is injected near small medial nerves connected to a specific facet joint. It may also be performed to treat back pain caused by facet joint(s) with a longer acting anesthetic (e.g., bupivacaine).
 - **Successful Diagnostic Injection** - An injection that achieves greater than 80% reduction in pain within the duration of effectiveness for the anesthetic used.
- **Radiofrequency Ablation (RFA)** - Minimally invasive treatment modality that percutaneously introduces an electrode under fluoroscopic guidance to thermocoagulate medial branches of the dorsal spinal nerves.

D. Policy

CareSource considers facet joint interventions for management of chronic back pain medically necessary when the clinical criteria in this policy are met. Documentation, including dates of service for conservative therapies are not required for medical necessity review, but must be available upon request.

I. Medial Branch Nerve Block Injections

- A. Up to 2 diagnostic medial branch nerve block injections in the cervical, thoracic, or lumbar regions are considered medically necessary when **ALL** of the following criteria are met:
 1. Initial diagnostic block confirms facet joint as source of spinal pain and provides 80% or greater primary pain relief and duration of relief is consistent with agent employed.
 2. Second diagnostic block confirms validity of the initial injection and is injected at the same level where the initial produced a positive response.

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3. Each diagnostic block may treat up to 3 spinal levels (unilateral or bilateral) for a maximum of 6 spinal levels per spinal region per session.
 4. Radiofrequency Ablation is being considered as a therapeutic intervention.
 5. Injections should be at least 2 weeks apart.
 6. Imaging studies and physical exam ruled out other causes of spinal pain (e.g., fracture, tumor, infection, herniated disk, spinal stenosis, significant deformity).
 7. Patient history with at least 3 months of moderate to severe pain with functional impairment that has not adequately responded to active and inactive conservative therapy.
 8. Failure of conservative therapy as evidenced by **ALL** of the following:
 - a. Documentation in the medical record of at least 6 weeks of active conservative therapy (as defined above) within the past 6 months OR inability to complete active conservative therapy due to contraindication, increased pain, or intolerance.
 - b. Documentation in the medical record of at least 6 weeks of inactive conservative therapy (as defined above) within the past 6 months.
 9. No coagulopathy.
 10. No current infection at the injection site.
- B. Diagnostic medial branch nerve blocks are **NOT** considered medically necessary when RFA is not being considered as a treatment option.
- II. Radiofrequency Ablation (RFA) for Facet Joint Pain
- A. Initial RFA for Facet Joint Pain is considered medically necessary when in the past 36 months
 1. The clinical criteria above (I. A.1-10) have been met.
 2. Two (2) successful medial branch nerve block injections were performed at the same spinal region and achieved 80% or more pain relief.
 - B. Repeat RFA for facet joint pain is considered medically necessary when in the past 36 months
 1. Prior successful single or multilevel facet RFA in the same spinal region (cervical, thoracic, or lumbar) and side provided at least 50% pain relief over a minimum of 6 months
 2. Most recent RFA was at least 6 months prior
 3. No more than 4 RFAs per rolling 12 months (two left and two right per spinal region)
- III. Sedation
- A. Neither conscious sedation nor Monitored Anesthesia Care (MAC) is routinely necessary for intra-articular facet joint injections or medial branch blocks and are not routinely reimbursable.
 - B. Individual consideration may be given for payment in rare unique circumstances if the medical necessity of sedation is unequivocal and clearly documented.

IV. Inconclusive or Non-Supportive Evidence

- A. Medial branch nerve block injections are unproven for the treatment of chronic spinal pain. Routine therapeutic injections will not be authorized for chronic pain management.
- B. Intra-articular facet joint injections for neck and back pain are not considered medically necessary as there is limited evidence and the efficacy has not been established.
- C. Intra-articular facet joint injections do not qualify as diagnostic information for a proposed neurotomy.

V. Spinal Cord Stimulators/Pain Pumps

Patients with indwelling implanted spinal cord stimulators or pain pumps should include a device interrogation report with the required medical records for medical necessity review requests. If a device is not functioning properly, an escalation in pain may warrant evaluation and management of the implanted device.

E. Conditions of Coverage

N/A

F. Related Policies/Rules

N/A

G. Review/Revision History

DATE		ACTION
Date Issued	05/13/2020	This policy replaces the Facet Medial Branch Nerve Block and Radiofrequency Facet Ablation policies. Added criteria re: exclusion of repeat diagnostic injections for RFA.
Date Revised	07/22/2020	Revisions: Medial Branch Nerve Block injection clinical criteria; requirement of one "successful" RFA session.
	11/11/2020	Revision: RFA language revised around benefit limit for clarity. (This revision does not require a network notification or a change of the Effective Date).
	07/21/2021	Annual Update: Removed PA language.
	06/22/2022	Annual Review: updated background, references, definitions, re-organized criteria, added coagulopathy and infection language
	06/21/2023	Annual Review: revised language, added RFA requirement for diagnostic injections, updated references; Approved at Committee.
Date Effective	12/01/2023	
Date Archived		

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H. References

1. Boswell MV, Manchikanti L, Kaye AD, et al. A best-evidence systematic appraisal of the diagnostic accuracy and utility of facet (zygapophysial) joint injections in chronic spinal pain. *Pain Physician*. 2015;18(4):E497-E533.
2. Chou R. Subacute and chronic low back pain: nonsurgical interventional treatment. *UpToDate*. Updated June 10, 2021. Accessed May 12, 2023. www.uptodate.com
3. Chou R. Subacute and chronic low back pain: surgical treatment. *UpToDate*. Updated May 5, 2023. Accessed May 12, 2023. www.uptodate.com
4. Chou R, Deyo R, Friedly J, et al. Nonpharmacologic therapies for low back pain: a systematic review for an American College of Physicians clinical practice guideline. *Ann Intern Med*. 2017;166(7):493-505. doi:10.7326/M16-2459
5. Cohen SP, Bhaskar A, Bhatia A, et al. Consensus practice guidelines on interventions for lumbar facet joint pain from a multispecialty, international working group. *Reg Anesth Pain Med*. 2020;45(6):424-467. doi:10.1136/rapm-2019-101243
6. Cohen SP, Moon JY, Brummett CM, White RL, Larkin TM. Medial branch blocks or intra-articular injections as a prognostic tool before lumbar facet radiofrequency denervation: a multicenter, case-control study. *Reg Anesth Pain Med*. 2015;40(4):376-383. doi:10.1097/AAP.0000000000000229
7. Curtis L, Shah N, Padalia D. Facet joint disease. In: *StatPearls*. StatPearls Publishing; updated January 9, 2023. Accessed May 18, 2023. www.ncbi.nlm.nih.gov
8. Facet joint injection. In: *MCG Health Ambulatory Care*. 27th ed. MCG Health; 2023. Updated February 1, 2023. Accessed May 16, 2023. www.careweb.careguidelines.com
9. Hurley RW, Adams MCB, Barad M, et al. Consensus practice guidelines on interventions for cervical spine (facet) joint pain from a multispecialty international working group. *Reg Anesth Pain Med*. 2022;47(1):3-59. doi:10.1136/rapm-2021-103031
10. Isaac Z, Kelly H. Evaluation of the adult patient with neck pain. *UpToDate*. Updated March 16, 2021. Accessed May 12, 2023. www.uptodate.com
11. Le DT, Alem N. Facet Joint Injection. In: *StatPearls*. StatPearls Publishing; updated February 5, 2023. Accessed May 18, 2023. www.ncbi.nlm.nih.gov
12. Lee DW, Pritzlaff S, Jung MJ, et al. Latest Evidence-Based Application for Radiofrequency Neurotomy (LEARN): best practice guidelines from the American Society of Pain and Neuroscience (ASPN). *J Pain Res*. 2021;14:2807-2831. doi:10.2147/JPR.S325665
13. Manchikanti L, Kaye AD, Soin A, et al. Comprehensive evidence-based guidelines for facet joint interventions in the management of chronic spinal pain: American Society of Interventional Pain Physicians (ASIPP) guidelines facet joint interventions 2020 guidelines. *Pain Physician*. 2020;23(3S):S1-S127.
14. Perolat R, Kastler A, Nicot B, et al. Facet joint syndrome: from diagnosis to interventional management. *Insights Imaging*. 2018;9(5):773-789. doi:10.1007/s13244-018-0638x

The MEDICAL Policy Statement detailed above has received due consideration as defined in the MEDICAL Policy Statement Policy and is approved.

15. Won HS, Yang M, Kim YD. Facet joint injections for management of low back pain: a clinically focused review. *Anesth Pain Med (Seoul)*. 2020;15(1):8-18.
doi:10.17085/apm.2020.15.1.8

Approved by ODM 08/31/2023