

Clinical Policy: Caudal or Interlaminar Epidural Steroid Injections

Reference Number: WNC.CP.265 Last Review Date:

Coding Implications <u>Revision Log</u>

See <u>Important Reminder</u> at the end of this policy for important regulatory and legal information.

Note: When state Medicaid coverage provisions conflict with the coverage provisions in this clinical policy, state Medicaid coverage provisions take precedence. Please refer to the state Medicaid manual for any coverage provisions pertaining to this clinical policy.

Description¹

Epidural steroid injections (ESI's) are a non-surgical treatment that involve the administration of a glucocorticoid, or steroid, and/or anesthetic via a needle inserted in the space between the ligamentum flavum and the dura.^{5,24} Epidural injections are performed utilizing three approaches in the lumbar spine: caudal, interlaminar, and transforaminal.^{2,5} Computed tomography (CT) or standard fluoroscopy can be used during administration to provide guidance and anatomic detail.²²

Note: For guidelines for transforaminal ESIs, reference *WNC.CP.266 Selective Nerve Root* Blocks and Transforaminal Epidural Steroid Injections.

Policy/Criteria¹

I. It is the policy of WellCare of North Carolina[®] that invasive pain management procedures performed by a physician are medically necessary when the relevant criteria are met, only one procedure is performed per visit, with imaging guidance (except in rare instances, with documented justification),

NOTE: Discontinuing anti-platelet therapy is a clinical decision balancing risks and benefits of the procedure on therapy, versus the underlying medical condition if not treated appropriately.²⁴

- **II.** It is the policy of WellCare of North Carolina[®] that **caudal or interlaminar epidural steroid injections (ESIs)** are medically necessary for the following indications:
 - A. One caudal or interlaminar ESI for ACUTE pain management (pain lasting < three (3) months) when all of the following are met:
 - 1. There is severe radicular pain that interferes substantially with activities of daily living (ADLs);
 - 2. Severe pain persists after treatment with nonsteroidal anti-inflammatory drugs (NSAID) and/or opiates (both ≥ three (3) days or contraindicated/not tolerated);
 - 3. The member cannot tolerate chiropractic or physical therapy, and the injection is intended as a bridge to therapy.
 - B. Initial ESI for CHRONIC pain, all of the following:



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- 1. Request is for one caudal or interlaminar ESI at one level in the cervical, thoracic, or lumbar region;
- 2. Persistent radicular pain has been caused by spinal stenosis, disc herniation or degenerative changes in the vertebrae, as confirmed by physical exam and imaging;
- 3. Pain interferes with ADLs AND has lasted for at least 3 months;
- 4. The member has failed to respond to conservative therapy including ALL of the following:
 - a. \geq Four (4) weeks chiropractic, physical therapy, or prescribed home exercise program;
 - b. NSAID for \geq Three (3) weeks or NSAID contraindicated or not tolerated;
 - c. \geq Four (4) weeks activity modification;
- **C.** Second caudal or interlaminar ESI for *chronic pain that did not improve from the first ESI*, all of the following:
 - 1. Request is for an ESI at one level in the cervical, thoracic, or lumbar region;
 - 2. At least two (2) weeks have passed since the first ESI;
- **D.** Subsequent caudal or interlaminar ESI for *recurrence of chronic pain that had improved from the first or second ESI*, all of the following:
 - Initial injection(s) led to ≥ 50% pain relief and functional improvement for at least two (2) months;
 - 2. At least two (2) months have passed since the last ESI;
 - 3. Less than four (4) injections have been administered within 12 months;
 - 4. Less than 12 months have elapsed since the initial injection at the level requested;
- **III.** It is the policy of WellCare of North Carolina[®] that *a third or subsequent caudal or interlaminar ESI for chronic pain that did not improve from the first two ESIs* is considered **not medically necessary** because effectiveness has not been established.
- IV. It is the policy of WellCare of North Carolina[®] that continuation of injections beyond 12 months or more than 4 therapeutic injections is considered not medically necessary because effectiveness and safety have not been established. When more definitive therapies cannot be tolerated or provided, consideration will be made on a case by case basis.
- V. It is the policy of WellCare of North Carolina[®] that *caudal or interlaminar ESI for any other indication or location* is considered **not medically necessary** because effectiveness has not been established.

Background¹

There is much debate on the efficacy and medical necessity of multiple interventions for managing spinal and low back pain. Epidural glucocorticoid injections have been used for pain control in individuals with radiculopathy, spinal stenosis, and nonspecific low back pain. However, efficacy is difficult to understand due to inconsistent results as well as heterogeneous populations and interventions in randomized controlled trials (RCTs).⁵ Generally, candidates for epidural steroid injection are individuals who have acute radicular symptoms or neurogenic





claudication unresponsive to traditional analgesics and rest, with significant impairment in activities of daily living.^{5,21} Epidural steroid injections have been used in the treatment of spinal stenosis for many years, but no validated long-term outcomes substantiate their use.^{5,8,22} However, significant improvement in pain scores, have been reported at three months after injection.^{5,21,22} Additionally, in a systematic review of studies, epidural steroid injections were not found to improve pain or function in individuals with nonspecific low back pain.^{4,5}

Zhai et al (2015) conducted a meta-analysis to assess the effects of various surgical and nonsurgical modalities, including epidural injections, used to treat lumbar disc herniation and radiculitis. A systematic literature review identified RCTs that compared the use of local anesthetic with or without steroids. The outcomes included pain relief, functional improvement, opioid intake, and therapeutic procedural characteristics. The reviewers concluded the meta-analysis confirms that epidural injections of local anesthetic with or without steroids have beneficial but similar effects in the treatment of patients with chronic low back and lower extremity pain.¹

Manchikanti et al. (2015) analyzed the results of a two year follow-up of three randomized, double-blind, controlled trials, with a total of 360 patients with chronic persistent pain of disc herniation receiving either caudal, lumbar interlaminar or transforaminal epidural injections, which showed similar efficacy of the three techniques with local anesthetic alone or local anesthetic with steroid. Caudal and interlaminar trials used in the assessment showed some superiority of steroids over local anesthetic, at three and six month follow-up. Interlaminar with steroids were superior to transforaminal at 12-months.²

Coding Implications

This clinical policy references Current Procedural Terminology (CPT[®]). CPT[®] is a registered trademark of the American Medical Association. All CPT codes and descriptions are copyrighted 2025, American Medical Association. All rights reserved. CPT codes and CPT descriptions are from the current manuals and those included herein are not intended to be all-inclusive and are included for informational purposes only. Codes referenced in this clinical policy are for informational purposes only. Inclusion or exclusion of any codes does not guarantee coverage. Providers should reference the most up-to-date sources of professional coding guidance prior to the submission of claims for reimbursement of covered services.

CPT ^{®*} Codes	Description
62324	Injection(s), including indwelling catheter placement, continuous infusion, or
	intermittent bolus, of diagnostic or therapeutic substance(s) (e.g., anesthetic,
	antispasmodic, opioid, steroid, other solution), not including neurolytic substances,
	interlaminar epidural or subarachnoid, cervical, or thoracic; without imaging guidance
62325	Injection(s), including indwelling catheter placement, continuous infusion, or
	intermittent bolus, of diagnostic or therapeutic substance(s) (e.g., anesthetic,
	antispasmodic, opioid, steroid, other solution), not including neurolytic substances,
	interlaminar epidural or subarachnoid, cervical, or thoracic; with imaging guidance (i.e.,
	fluoroscopy or CT)



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CPT ^{®*} Codes	Description
62326	Injection(s), including indwelling catheter placement, continuous infusion, or intermittent bolus, of diagnostic or therapeutic substance(s) (e.g., anesthetic, antispasmodic, opioid, steroid, other solution), not including neurolytic substances, interlaminar epidural or subarachnoid, lumbar, or sacral (caudal); without imaging guidance
62327	Injection(s), including indwelling catheter placement, continuous infusion, or intermittent bolus, of diagnostic or therapeutic substance(s) (e.g., anesthetic, antispasmodic, opioid, steroid, other solution), not including neurolytic substances, interlaminar epidural or subarachnoid, lumbar, or sacral (caudal); with imaging guidance (i.e., fluoroscopy or CT)

Reviews, Revisions, and Approvals	Reviewed Date	Approval Date
Original Approval date.		01/22
Merged criteria, background, ICD-10-CM codes, and references from retired policy WNC.CP.268 Implantable Intrathecal Pain Pump.		05/22
Annual review. Added "Note: regarding guidelines for transforaminal ESIs." Background updated with no impact on criteria. References reviewed and updated. Removed ICD-10 Diagnosis codes. NCHC verbiage removed from NC Guidance Verbiage.		05/23
Criteria I.B.4.B. Changed 3 TO 6 in "NSAID \geq six weeks or NSAID contraindicated or not tolerated."	11/23	11/23
Annual Review. Deleted HCPCS code box.		05/24
Updated week requirement criteria III.B.4.ac. References reviewed and updated.	08/24	08/24
Annual Review. CPT codes reviewed. Under NC Guidance/Claims related information, updated state web address.		05/25
Deleted 'Trial of Implantable Intrathecal Pain Pump" from title. Description and background updated with no clinical significance. Deleted Criteria I. "preliminary trial of intrathecal administration of an opioid drug." Criteria II. Deleted "and the member/enrollee is not currently being treated with full anticoagulation therapy. If on warfarin, international normalized ratio (INR) should be ≤ 1.4 prior to the procedure." Other sections of criteria updated with no clinical significance. Coding reviewed. References reviewed and updated.		

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North Carolina Guidance

Eligibility Requirements

- a. An eligible beneficiary shall be enrolled in the NC Medicaid Program (Medicaid is NC Medicaid program, unless context clearly indicates otherwise);
- b. Provider(s) shall verify each Medicaid beneficiary's eligibility each time a service is rendered.
- c. The Medicaid beneficiary may have service restrictions due to their eligibility category that would make them ineligible for this service.

EPSDT Special Provision: Exception to Policy Limitations for a Medicaid Beneficiary under 21 Years of Age

a. 42 U.S.C. § 1396d(r) [1905(r) of the Social Security Act]

Early and Periodic Screening, Diagnostic, and Treatment (EPSDT) is a federal Medicaid requirement that requires the state Medicaid agency to cover services, products, or procedures for Medicaid beneficiary under 21 years of age if the service is medically



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necessary health care to correct or ameliorate a defect, physical or mental illness, or a condition [health problem] identified through a screening examination (includes any evaluation by a physician or other licensed practitioner).

This means EPSDT covers most of the medical or remedial care a child needs to improve or maintain his or her health in the best condition possible, compensate for a health problem, prevent it from worsening, or prevent the development of additional health problems.

Medically necessary services will be provided in the most economic mode, as long as the treatment made available is similarly efficacious to the service requested by the beneficiary's physician, therapist, or other licensed practitioner; the determination process does not delay the delivery of the needed service; and the determination does not limit the beneficiary's right to a free choice of providers.

EPSDT does not require the state Medicaid agency to provide any service, product, or procedure:

- 1. that is unsafe, ineffective, or experimental or investigational.
- 2. that is not medical in nature or not generally recognized as an accepted method of medical practice or treatment.

Service limitations on scope, amount, duration, frequency, location of service, and other specific criteria described in clinical coverage policies may be exceeded or may not apply as long as the provider's documentation shows that the requested service is medically necessary "to correct or ameliorate a defect, physical or mental illness, or a condition" [health problem]; that is, provider documentation shows how the service, product, or procedure meets all EPSDT criteria, including to correct or improve or maintain the beneficiary's health in the best condition possible, compensate for a health problem, prevent it from worsening, or prevent the development of additional health problems.

EPSDT and Prior Approval Requirements

- 1. If the service, product, or procedure requires prior approval, the fact that the beneficiary is under 21 years of age does NOT eliminate the requirement for prior approval.
- IMPORTANT ADDITIONAL INFORMATION about EPSDT and prior approval is found in the NCTracks Provider Claims and Billing Assistance Guide, and on the EPSDT provider page. The Web addresses are specified below: NCTracks Provider Claims and Billing Assistance Guide: https://www.nctracks.nc.gov/content/public/providers/provider-manuals.html EPSDT provider page: https://medicaid.ncdhhs.gov/

Provider(s) Eligible to Bill for the Procedure, Product, or Service

To be eligible to bill for the procedure, product, or service related to this policy, the provider(s) shall:

- a. meet Medicaid qualifications for participation;
- b. have a current and signed Department of Health and Human Services (DHHS) Provider Administrative Participation Agreement; and



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c. bill only for procedures, products, and services that are within the scope of their clinical practice, as defined by the appropriate licensing entity.

Compliance

Provider(s) shall comply with the following in effect at the time the service is rendered:

- a. All applicable agreements, federal, state, and local laws and regulations including the Health Insurance Portability and Accountability Act (HIPAA) and record retention requirements; and
- b. All NC Medicaid's clinical (medical) coverage policies, guidelines, policies, provider manuals, implementation updates, and bulletins published by the Centers for Medicare and Medicaid Services (CMS), DHHS, DHHS division(s) or fiscal contractor(s).

Claims-Related Information

Provider(s) shall comply with the NC Tracks Provider Claims and Billing Assistance Guide, Medicaid bulletins, fee schedules, NC Medicaid's clinical coverage policies and any other relevant documents for specific coverage and reimbursement for Medicaid:

- a. Claim Type as applicable to the service provided: Professional (CMS-1500/837P transaction) Institutional (UB-04/837I transaction) Unless directed otherwise, Institutional Claims must be billed according to the National Uniform Billing Guidelines. All claims must comply with National Coding Guidelines.
- b. International Classification of Diseases and Related Health Problems, Tenth Revisions, Clinical Modification (ICD-10-CM) and Procedural Coding System (PCS) - Provider(s) shall report the ICD-10-CM and Procedural Coding System (PCS) to the highest level of specificity that supports medical necessity. Provider(s) shall use the current ICD-10 edition and any subsequent editions in effect at the time of service. Provider(s) shall refer to the applicable edition for code description, as it is no longer documented in the policy.
- c. Code(s) Provider(s) shall report the most specific billing code that accurately and completely describes the procedure, product or service provided. Provider(s) shall use the Current Procedural Terminology (CPT), Health Care Procedure Coding System (HCPCS), and UB-04 Data Specifications Manual (for a complete listing of valid revenue codes) and any subsequent editions in effect at the time of service. Provider(s) shall refer to the applicable edition for the code description, as it is no longer documented in the policy. If no such specific CPT or HCPCS code exists, then the provider(s) shall report the procedure, product or service using the appropriate unlisted procedure or service code.

Unlisted Procedure or Service

CPT: The provider(s) shall refer to and comply with the Instructions for Use of the CPT Codebook, Unlisted Procedure or Service, and Special Report as documented in the current CPT in effect at the time of service.

HCPCS: The provider(s) shall refer to and comply with the Instructions For Use of HCPCS National Level II codes, Unlisted Procedure or Service and Special Report as documented in the current HCPCS edition in effect at the time of service

d. Modifiers - Providers shall follow applicable modifier guidelines.



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- e. Billing Units Provider(s) shall report the appropriate code(s) used which determines the billing unit(s).
- f. Co-payments -For Medicaid refer to Medicaid State Plan: <u>https://medicaid.ncdhhs.gov/meetingsnotices/medicaid-state-plan-public-notices</u>
- g. Reimbursement Provider(s) shall bill their usual and customary charges. For a schedule of rates, refer to: <u>https://medicaid.ncdhhs.gov/</u>.

Important Reminder

This clinical policy has been developed by appropriately experienced and licensed health care professionals based on a review and consideration of currently available generally accepted standards of medical practice; peer-reviewed medical literature; government agency/program approval status; evidence-based guidelines and positions of leading national health professional organizations; views of physicians practicing in relevant clinical areas affected by this clinical policy; and other available clinical information. The Health Plan makes no representations and accepts no liability with respect to the content of any external information used or relied upon in developing this clinical policy. This clinical policy is consistent with standards of medical practice current at the time that this clinical policy was approved. "Health Plan" means a health plan that has adopted this clinical policy and that is operated or administered, in whole or in part, by Centene Management Company, LLC, or any of such health plan's affiliates, as applicable.

The purpose of this clinical policy is to provide a guide to medical necessity, which is a component of the guidelines used to assist in making coverage decisions and administering benefits. It does not constitute a contract or guarantee regarding payment or results. Coverage decisions and the administration of benefits are subject to all terms, conditions, exclusions, and limitations of the coverage documents (e.g., evidence of coverage, certificate of coverage, policy, contract of insurance, etc.), as well as to state and federal requirements and applicable Health Plan-level administrative policies and procedures.

This clinical policy is effective as of the date determined by the Health Plan. The date of posting may not be the effective date of this clinical policy. This clinical policy may be subject to applicable legal and regulatory requirements relating to provider notification. If there is a discrepancy between the effective date of this clinical policy and any applicable legal or regulatory requirement, the requirements of law and regulation shall govern. The Health Plan retains the right to change, amend or withdraw this clinical policy, and additional clinical policies may be developed and adopted as needed, at any time.

This clinical policy does not constitute medical advice, medical treatment, or medical care. It is not intended to dictate to providers how to practice medicine. Providers are expected to exercise professional medical judgment in providing the most appropriate care, and are solely responsible for the medical advice and treatment of members/enrollees. This clinical policy is not intended to recommend treatment for members/enrollees. Members/enrollees should consult with their treating physician in connection with diagnosis and treatment decisions.



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Providers referred to in this clinical policy are independent contractors who exercise independent judgment and over whom the Health Plan has no control or right of control. Providers are not agents or employees of the Health Plan.

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