



## Spinal Surgery

<b>LOB(s):</b> <input checked="" type="checkbox"/> Commercial  <input checked="" type="checkbox"/> Medicare  <input checked="" type="checkbox"/> Medicaid	<b>State(s):</b> <input checked="" type="checkbox"/> Idaho <input checked="" type="checkbox"/> Montana <input checked="" type="checkbox"/> Oregon <input checked="" type="checkbox"/> Washington <input type="checkbox"/> Other:  <input checked="" type="checkbox"/> Oregon
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## Enterprise Policy

PacificSource is committed to assessing and applying current regulatory standards, widely-used treatment guidelines, and evidenced-based clinical literature when developing clinical criteria for coverage determination. Each policy contains a list of sources (references) that serves as the summary of evidence used in the development and adoption of the criteria. The evidence was considered to ensure the criteria provide clinical benefits that promote patient safety and/or access to appropriate care. Each clinical policy is reviewed, updated as needed, and readopted, at least annually, to reflect changes in regulation, new evidence, and advancements in healthcare.

Clinical Guidelines are written when necessary to provide guidance to providers and members in order to outline and clarify coverage criteria in accordance with the terms of the Member's policy. This Clinical Guideline only applies to PacificSource Health Plans, PacificSource Community Health Plans, and PacificSource Community Solutions in Idaho, Montana, Oregon, and Washington. Because of the changing nature of medicine, this list is subject to revision and update without notice. This document is designed for informational purposes only and is not an authorization or contract. Coverage determinations are made on a case-by-case basis and subject to the terms, conditions, limitations, and exclusions of the Member's policy. Member policies differ in benefits and to the extent a conflict exists between the Clinical Guideline and the Member's policy, the Member's policy language shall control. Clinical Guidelines do not constitute medical advice nor guarantee coverage.

## Background

Standard therapy for back pain includes conservative medical management such as physical therapy and medications. Surgical treatment, such as spinal fusion at the affected level, may be considered for patients who have not improved with conservative medical management or who have a severe neurological impairment.

Age-related degeneration of the spine is often referred to as spondylosis. Lumbar spondylosis can refer to degenerative arthritis, spinal stenosis, herniated discs, and facet joint arthritis. Spinal stenosis is a narrowing of the central spinal canal, the intervertebral foramina, and/or neural canals. A herniated (or slipped) disc occurs when a disc between the vertebrae is damaged and the inner gel-like substance (nucleus pulposus) either bulges or protrudes through the tougher outer layer of the disk (annulus). Most disc herniations occur in the lumbar spine and may put pressure on the nerves that exit the spinal cord. This pressure may cause pain and weakness in the leg, referred to as radicular pain or radiculopathy.

This policy pertains to non-urgent, non-emergent instrumented surgeries of the cervical, thoracic, and lumbar spine, sacroiliac joint, treatment of scoliosis in adults and pediatric members, artificial disc arthroplasty, and bone and tendon grafts.

## Criteria

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### Commercial

#### **Prior authorization is required.**

PacificSource considers spine surgery to be medically necessary when the criteria outlined in Carelon Musculoskeletal Spine Surgery Guideline is met. PacificSource also follows the PacificSource Spinal Surgery policy for Experimental, Investigational, or Unproven determinations.

### Medicaid

PacificSource Community Solutions follows an internal hierarchical process in the “Clinical Criteria Used in UM Decisions” policy for coverage of Spinal Surgeries. PCS covers these services when the condition and service(s) pair on a funded line on the HERC Prioritized List of Health Services, any relevant Guideline criteria is fulfilled, and service(s) are medically/orally necessary and appropriate for the specific member. Additional coverage options for unfunded conditions and services are provided as described in Covered Services OAR 410-141-3820. Treatment may be limited or excluded if the service meets the criteria outlined in OARs 410-141-3825 and 410-120-1200, except as otherwise provided in the Covered Services Rule.

PacificSource follows the “Early and Periodic Screening, Diagnostic, and Treatment (EPSDT)” criteria for members under 21 and Young Adults with Special Health Care Needs (YSHCN).

PCS follows the “Unlisted and Unspecified Procedure Codes” policy for requests for unlisted codes.

### Medicare

PacificSource Medicare follows CMS guidelines and criteria set forth by National Coverage Determinations (NCDs) or Local Coverage Determinations (LCDs). In the absence of CMS guidelines and criteria, PacificSource Medicare follows Carelon Musculoskeletal Spinal Surgery Clinical Guideline for coverage and medical necessity determinations.

## Experimental/Investigational/Unproven

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PacificSource considers the following spinal surgeries, procedures, devices, and spacers to be experimental, investigational, or unproven (not an inclusive list):

#### **Percutaneous Spinal Decompression Procedures\***

- Automated Percutaneous Lumbar Discectomy (APLD), Stryker DeKompressor, or ArthroSpine Wand (62287)\*
- Image-guided minimally invasive lumbar decompression (MILD®) for Spinal Stenosis (62330, 62331), Cervical/Thoracic percutaneous laminotomy/laminectomy for decompression (0274T)\*
- DTRAX® Facet System (0219T, 22899)\*
- DISC Nucleoplasty, percutaneous disc decompression (PDD), or radiofrequency coblation used to treat herniated discs (e.g., ArthroCare System, Per-D Spine Wand) (S2348)\*

#### **Endoscopic Spinal Surgery\***

- Percutaneous endoscopic lumbar discectomy (PELD) (62287)\*

#### **Percutaneous Vertebral Disc and Vertebral Endplate Procedures**

- IntraDiscal Biacuplasty (IDB) (e.g., TransDiscal™ System), Intradiscal Electrothermal therapy (IDET), also known as intradiscal thermal annuloplasty (IDTA), Percutaneous Intradiscal Radiofrequency Thermocoagulation (PIRFT) (e.g., Radionics® discTRODE™ System, Radiofrequency annuloplasty (RA), Targeted disc decompression (TDD) (e.g., Spine Cath) (22526, 22527, 22899)

### **Implanted Devices for Spinal Stenosis**

- The coflex® Interlaminar Technology, Superior® Indirect Decompression System, Total Posterior Spine System (TOPS™), ExtenSure Bone Allograft Interspinous Spacer, Dynesys System (Zimmer Spine), XYcor Spinal Implant (Vertebral, Inc., by Alphatec Spine), Dynamic Spinal Stabilization and Interspinous Decompression Devices (22867, 22868, 22869, 22870, 0202T, C1821)

### **Interspinous Process Fixation Devices**

- Aspen® Spinous Process Fixation System, CD Horizon Spire Fixation System, MinuteMan Interspinous Interlaminar Fusion Device, Coflex-IF Implant System, Inspan Spinous Process Plate System, StabiLink MIS Spinal Fixation System, SP-Fix™ Spinous Process Fixation System, Aurora Spine ZIP® MIS Interspinous Fusion System (22899)

### **Intervertebral Stabilization Devices**

- Isobar™ Spinal System, Dynesys® Spinal System, DSSTM Stabilization System, BioFlex (22899)

### **Facet Joint Allograft Implants for Facet Disease**

- NuFix™, TruFUSE® Allograft (0219T, 0220T, 0221T, 0222T)
- Posterior intrafacet implant (0219T, 0220T, 0221T, 0222T)

### **Lumbar Interbody Fusion\***

- Axial Lumbar Interbody Fusion (AxiaLIF), AxiaLIF II, a percutaneous pre-sacral access route to the L5 - S1 vertebral bodies for spinal fusion (22586)\*

### **Annulus Closure After Discectomy**

- Xclose® Tissue Repair System, Inclose™ Surgical Mesh System, Barricaid® Annular Closure Device (ACD), Disc Annular Repair Technology (DART) System, The Discseel® procedure (C9757)

### **Scoliosis Surgery**

- Vertebral Body Tethering-he Tether™ Vertebral Body Tethering System, Minimally Invasive Deformity Correction System, Vertebral Body Stapling, Magnetically Controlled Growing Rods-MAGnetic Expansion Control (MAGEC®) System (22836, 22837, 22838, 0656T, 0657T, 0790T)

### **SI Joint Fusion**

- 3D printed titanium implants for minimally invasive sacroiliac joint fusion: (e.g., iFuse-3D™ (SI Bone)) (27299)

**Note:** \* indicates the item remains E//U but will not be reviewed annually by the NTOC Committee, unless requested.

**Note:** PacificSource Community Solutions (PCS) and PacificSource Medicare require items listed on this policy's E//U list, to be reviewed by medical necessity review guidelines. Please see related policy,

“Clinical Criteria Used in UM Decisions” to review criteria hierarchy and “Medical Necessity Reviews” for determination of coverage and medical necessity guidelines.

## Coding Information

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The following list of codes are for informational purposes only and may not be all-inclusive. Deleted codes and codes which are not effective at the time the service is rendered may not be eligible for reimbursement.

- 0202T Posterior vertebral joint(s) arthroplasty (e.g., facet joint[s] replacement), including facetectomy, laminectomy, foraminotomy, and vertebral column fixation, injection of bone cement, when performed, including fluoroscopy, single level, lumbar spine
- 0219T Placement of a posterior intrafacet implant(s), unilateral or bilateral, including imaging and placement of bone graft(s) or synthetic device(s), single level; cervical
- 0220T Placement of a posterior intrafacet implant(s), unilateral or bilateral, including imaging and placement of bone graft(s) or synthetic device(s), single level; thoracic
- 0221T Placement of a posterior intrafacet implant(s), unilateral or bilateral, including imaging and placement of bone graft(s) or synthetic device(s), single level; lumbar
- 0222T Placement of a posterior intrafacet implant(s), unilateral or bilateral, including imaging and placement of bone graft(s) or synthetic device(s), single level; each additional vertebral segment (List separately in addition to code for primary procedure)
- 0274T Percutaneous laminotomy/laminectomy (interlaminar approach) for decompression of neural elements, (with or without ligamentous resection, discectomy, facetectomy and/or foraminotomy), any method, under indirect image guidance (e.g., fluoroscopic, CT), single or multiple levels, unilateral or bilateral; cervical or thoracic
- 0656T Anterior lumbar or thoracolumbar vertebral body tethering; up to 7 vertebral segments
- 0657T Anterior lumbar or thoracolumbar vertebral body tethering; 8 or more vertebral segments
- 0790T Revision (eg, augmentation, division of tether), replacement, or removal of thoracolumbar or lumbar vertebral body tethering, including thoracoscopy, when performed
- 20999 Unlisted procedure, musculoskeletal system, general
- 22526 Percutaneous intradiscal electrothermal annuloplasty, unilateral or bilateral including fluoroscopic guidance; single level
- 22527 Percutaneous intradiscal electrothermal annuloplasty, unilateral or bilateral including fluoroscopic guidance; 1 or more additional levels (List separately in addition to code for primary procedure)
- 22586 Arthrodesis, Pre-Sacral Interbody Tech, With Posterior Instrumentation, With Image Guidance, L5-S1 Interspace
- 22836 Anterior thoracic vertebral body tethering, including thoracoscopy, when performed; up to 7 vertebral segments
- 22837 Anterior thoracic vertebral body tethering, including thoracoscopy, when performed; 8 or more vertebral segments
- 22838 Revision (e.g., augmentation, division of tether), replacement, or removal of thoracic vertebral body tethering, including thoracoscopy, when performed

- 22867 Insertion of interlaminar/interspinous process stabilization/distraction device, without fusion, including image guidance when performed, with open decompression, lumbar; single level
- 22868 Insertion of interlaminar/interspinous process stabilization/distraction device, without fusion, including image guidance when performed, with open decompression, lumbar; second level (List separately in addition to code for primary procedure)
- 22869 Insertion of interlaminar/interspinous process stabilization/distraction device, without open decompression or fusion, including image guidance when performed, lumbar; single level
- 22870 Insertion of interlaminar/interspinous process stabilization/distraction device, without open decompression or fusion, including image guidance when performed, lumbar; second level (List separately in addition to code for primary procedure)
- 22899 Unlisted procedure, spine
- 27299 Unlisted procedure, pelvis, or hip joint –
- 62287 Decompression procedure, percutaneous, of nucleus pulposus of intervertebral disc, any method utilizing needle based technique to remove disc material under fluoroscopic imaging or other form of indirect visualization, with discography and/or epidural injection(s) at the treated level(s), when performed, single or multiple levels, lumbar
- 62330 Decompression, percutaneous, with partial removal of the ligamentum flavum, including laminotomy for access, epidurography, and imaging guidance (i.e., CT or fluoroscopy), bilateral; one interspace, lumbar
- 62331 Decompression, percutaneous, with partial removal of the ligamentum flavum, including laminotomy for access, epidurography, and imaging guidance (i.e., CT or fluoroscopy), bilateral; additional interspace(s), lumbar (List separately in addition to code for primary procedure)
- C1821 Interspinous process distraction device (implantable)
- S2348 Decompression procedure, percutaneous, of nucleus pulposus of intervertebral disc, using radiofrequency energy, single or multiple levels, lumbar

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HCPCS® codes, descriptions and materials are copyrighted by Centers for Medicare and Medicaid Services (CMS).

## Related Policies

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New and Emerging Technology-Coverage Status

## References

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Carelon Medical Benefits Management. Musculoskeletal Guidelines.

<https://guidelines.carelonmedicalbenefitsmanagement.com/current-musculoskeletal-guidelines/>

England, R. W., Gong, A., Li, T., Botros, D., Manupipatpong, S., Pang, S., Hui, F., & Khan, M. (2021). Clinical outcomes and safety of the SpineJack vertebral augmentation system for the treatment of vertebral compression fractures in a United States patient population. *Journal of clinical neuroscience : official journal of the Neurosurgical Society of Australasia*, 89, 237–242.

<https://doi.org/10.1016/j.jocn.2021.04.031>

Hayes Knowledge Center. (April 21, 2023). Evolving Evidence Review: Superior Interspinous Spacer System (Vertiflex) for Treatment of Neurogenic Claudication Caused by Spinal Stenosis.

Hayes Knowledge Center. (January 26, 2023). Health Technology Assessment: Minimally Invasive Lumbar Decompression (Mild: Vertos Medical Inc.) Device Kit for Treatment of Lumbar Spinal Stenosis.

Hayes Knowledge Center. (December 9, 2022). Health Technology Assessment: Coflex Interlaminar Stabilization Device (Surgalign Spine Technologies Inc.) for Treatment of Lumbar Spinal Stenosis.

Hayes Knowledge Center. (October 21, 2021). Evidence Analysis Research Brief: Annular Closure with the Barricaid Annular Closure Device.

Heary, R. F., & Kumar, S. (2007). Decision-making in burst fractures of the thoracolumbar and lumbar spine. *Indian journal of orthopaedics*, 41(4), 268–276.  
<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2989512/>

Lorio, M., Kube, R., & Araghi, A. (2020). International Society for the Advancement of Spine Surgery Policy 2020 Update-Minimally Invasive Surgical Sacroiliac Joint Fusion (for Chronic Sacroiliac Joint Pain): Coverage Indications, Limitations, and Medical Necessity. *International journal of spine surgery*, 14(6), 860–895. <https://pubmed.ncbi.nlm.nih.gov/33560247/>

MCG Cervical Fusion, Anterior ORG: S-320 (ISC)

MCG Cervical Fusion, Posterior ORG: S-330 (ISC)

MCG Lumbar Fusion ORG: S-820 (ISC)

MCG Musculoskeletal Surgery or Procedure GRG: SG-MS (ISC)

MCG Removal of Posterior Spinal Instrumentation ORG: S530 (ISC)

MCG Spine, Scoliosis, Posterior Instrumentation ORG: S-1056 (ISC)

Noriega, D. C., Rodríguez-Monsalve, F., Ramajo, R., Sánchez-Lite, I., Toribio, B., & Ardura, F. (2019). Long-term safety and clinical performance of kyphoplasty and SpineJack® procedures in the treatment of osteoporotic vertebral compression fractures: a pilot, monocentric, investigator-initiated study. *Osteoporosis international : a journal established as result of cooperation between the European Foundation for Osteoporosis and the National Osteoporosis Foundation of the USA*, 30(3), 637–645.  
<https://pubmed.ncbi.nlm.nih.gov/30488273/>

Noriega, D., Marcia, S., Theumann, N., Blondel, B., Simon, A., Hassel, F., Maestretti, G., Petit, A., Weidle, P. A., Mandly, A. G., Kaya, J. M., Touta, A., Fuentes, S., & Pflugmacher, R. (2019). A prospective, international, randomized, noninferiority study comparing an implantable titanium vertebral augmentation device versus balloon kyphoplasty in the reduction of vertebral compression fractures (SAKOS study). *The spine journal : official journal of the North American Spine Society*, 19(11), 1782–1795. <https://doi.org/10.1016/j.spinee.2019.07.009>

Oregon Health Authority. Oregon Administrative Rules (OARs). Health Systems: Medical Assistance Programs – Chapter 410  
<https://secure.sos.state.or.us/oard/displayChapterRules.action?selectedChapter=87>

Oregon Health Authority. The Health Evidence Review Commission (HERC) Prioritized List of Health Services <https://www.oregon.gov/oha/HSD/OHP/Pages/Prioritized-List.aspx>

Page, B., Hubert, Z., Rahm, M., & Leahy, M. (October 7, 2020). *Thoracic Spine Fractures and Dislocations*. Emedicine. Medscape.Com. <https://emedicine.medscape.com/article/1267029-overview>

Pui Yin Cheung, J., & Dip-Kei Luk, K. (April 15, 2016). *Complications of Anterior and Posterior Cervical Spine Surgery*. The National Center for Biotechnology Information. US National Library of Medicine. National Institutes of Health. (Ncbi.Nlm.Nih.Gov).  
<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4843080/>

Streng, K.B., DiPaola, C.P., Miller, L.E., Hill, C.P., Whitmore, R.G. (August 2019). Multicenter study of lumbar discectomy with Barricaid annular closure device for prevention of lumbar disc reherniation in US patients: A historically controlled post-market study protocol. *Medicine (Baltimore)*.  
<https://doi.org/10.1097%2FMD.00000000000016953>

Washington State Health Care Authority. (January 18, 2019). Health Technology Clinical Committee Findings and Decision: Sacroiliac Joint Fusion. <https://www.hca.wa.gov/assets/program/si-joint-fusion-final-findings-decision-20190517.pdf>

Washington State Health Care Authority, Health Technology Reviews, 2020  
<https://www.hca.wa.gov/about-hca/health-technology-assessment/health-technology-reviews>

## Appendix

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**Policy Number:**

**Effective:** 4/23/2013

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**Policy type:** Enterprise

**Author(s):**

**Depts:** Health Services

**Applicable regulation(s):** OARs 410-141-3820, 410-141-3825, 410-120-1200, OARs 410-151-0000 through 410-151-0003;, LCD L38033, NCD 150.10

**OPs Approval:** 6/2026