Orthopaedics - Upper: Spine and Above

A comprehensive illustrated guide to coding and reimbursement

ICD-10

A full suite of resources including the latest code set, mapping products, and expert training to help you make a smooth transition. www.optumcoding.com/ICD10
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22513-22515

22513  Percutaneous vertebral augmentation, including cavity creation (fracture reduction and bone biopsy included when performed) using mechanical device (eg, kyphoplasty), 1 vertebral body, unilateral or bilateral cannulation, inclusive of all imaging guidance; thoracic

22514  lumbar

22515  each additional thoracic or lumbar vertebral body (List separately in addition to code for primary procedure)

Explanation
The physician performs a percutaneous kyphoplasty, a modification of the percutaneous vertebroplasty, to reduce the pain associated with osteoporotic vertebral compression fractures. This procedure has the added advantage of restoring vertebral body. The patient is placed in a prone, slightly flexed position. A 5 mm to 7 mm incision is made and small cannulae are inserted into the vertebral body from one or both sides. Balloon catheters, called “tamps,” are inserted into the vertebra and inflated. Tamps create a void in the soft trabecular bone and restore vertebral alignment. The balloon is removed and bone cement is injected into the cavity. Report 22513 when the procedure is performed in the thoracic spine; 22514 when the procedure is performed in the lumbar spine; and 22515 for each additional vertebral body. These codes include all imaging guidance performed.

Coding Tips
As an “add-on” code, 22515 is not subject to multiple procedure rules. No reimbursement reduction or modifier 51 is applied. Add-on codes describe additional intra-service work associated with the primary procedure. They are performed by the same physician on the same date of service as the primary service/procedure, and must never be reported as a stand-alone code. Use 22515 in conjunction with 22513–22514. Do not report 22513–22515 in conjunction with 20225, 22310–22315, 22325, or 22327 when they are performed at the same vertebral level. Moderate (conscious) sedation performed with 22513–22515 is considered to be an integral part of the procedure and is not reported separately. However, anesthesia services (00100–01999) may be reported separately when performed by an anesthesiologist (or other qualified provider) other than the physician performing the procedure. Imaging guidance is included in these procedures and is not reported separately. For percutaneous vertebroplasty, see 22510–22512.

ICD-10-CM Diagnostic Codes

M48.43XA  Fatigue fracture of vertebra, cervicothoracic region, initial encounter for fracture

M48.44XA  Fatigue fracture of vertebra, thoracic region, initial encounter for fracture

M48.45XA  Fatigue fracture of vertebra, thoracolumbar region, initial encounter for fracture

M48.46XA  Fatigue fracture of vertebra, lumbar region, initial encounter for fracture

M48.47XA  Fatigue fracture of vertebra, lumbosacral region, initial encounter for fracture

M48.53XA  Collapsed vertebra, not elsewhere classified, cervicothoracic region, initial encounter for fracture

M48.54XA  Collapsed vertebra, not elsewhere classified, thoracic region, initial encounter for fracture

M48.55XA  Collapsed vertebra, not elsewhere classified, thoracolumbar region, initial encounter for fracture

M48.56XA  Collapsed vertebra, not elsewhere classified, lumbar region, initial encounter for fracture

M48.57XA  Collapsed vertebra, not elsewhere classified, lumbosacral region, initial encounter for fracture

M80.08XA  Age-related osteoporosis with current pathological fracture, vertebra(e), initial encounter for fracture

M88.1  Osteitis deformans of vertebrae

S22.011A  Stable burst fracture of first thoracic vertebra, initial encounter for closed fracture

S22.011B  Stable burst fracture of first thoracic vertebra, initial encounter for open fracture

S22.012A  Unstable burst fracture of first thoracic vertebra, initial encounter for closed fracture

S22.012B  Unstable burst fracture of first thoracic vertebra, initial encounter for open fracture

S22.021A  Stable burst fracture of second thoracic vertebra, initial encounter for closed fracture

S22.021B  Stable burst fracture of second thoracic vertebra, initial encounter for open fracture

S22.022A  Unstable burst fracture of second thoracic vertebra, initial encounter for closed fracture

S22.022B  Unstable burst fracture of second thoracic vertebra, initial encounter for open fracture

S22.031A  Stable burst fracture of third thoracic vertebra, initial encounter for closed fracture

S22.031B  Stable burst fracture of third thoracic vertebra, initial encounter for open fracture

S22.032A  Unstable burst fracture of third thoracic vertebra, initial encounter for closed fracture

S22.032B  Unstable burst fracture of third thoracic vertebra, initial encounter for open fracture

S22.041A  Stable burst fracture of fourth thoracic vertebra, initial encounter for closed fracture

S22.041B  Stable burst fracture of fourth thoracic vertebra, initial encounter for open fracture

S22.042A  Unstable burst fracture of fourth thoracic vertebra, initial encounter for closed fracture
S22.042B  Unstable burst fracture of fourth thoracic vertebra, initial encounter for open fracture
S22.051A  Stable burst fracture of T5-T6 vertebra, initial encounter for closed fracture
S22.051B  Stable burst fracture of T5-T6 vertebra, initial encounter for open fracture
S22.052A  Unstable burst fracture of T5-T6 vertebra, initial encounter for closed fracture
S22.052B  Unstable burst fracture of T5-T6 vertebra, initial encounter for open fracture
S22.061A  Stable burst fracture of T7-T8 vertebra, initial encounter for closed fracture
S22.061B  Stable burst fracture of T7-T8 vertebra, initial encounter for open fracture
S22.062A  Unstable burst fracture of T7-T8 vertebra, initial encounter for closed fracture
S22.062B  Unstable burst fracture of T7-T8 vertebra, initial encounter for open fracture
S22.071A  Stable burst fracture of T9-T10 vertebra, initial encounter for closed fracture
S22.071B  Stable burst fracture of T9-T10 vertebra, initial encounter for open fracture
S22.072A  Unstable burst fracture of T9-T10 vertebra, initial encounter for closed fracture
S22.072B  Unstable burst fracture of T9-T10 vertebra, initial encounter for open fracture
S22.081A  Stable burst fracture of T11-T12 vertebra, initial encounter for closed fracture
S22.081B  Stable burst fracture of T11-T12 vertebra, initial encounter for open fracture
S22.082A  Unstable burst fracture of T11-T12 vertebra, initial encounter for closed fracture
S22.082B  Unstable burst fracture of T11-T12 vertebra, initial encounter for open fracture
S32.011A  Stable burst fracture of first lumbar vertebra, initial encounter for closed fracture
S32.011B  Stable burst fracture of first lumbar vertebra, initial encounter for open fracture
S32.012A  Unstable burst fracture of first lumbar vertebra, initial encounter for closed fracture
S32.012B  Unstable burst fracture of first lumbar vertebra, initial encounter for open fracture
S32.021A  Stable burst fracture of second lumbar vertebra, initial encounter for closed fracture
S32.021B  Stable burst fracture of second lumbar vertebra, initial encounter for open fracture
S32.022A  Unstable burst fracture of second lumbar vertebra, initial encounter for closed fracture
S32.022B  Unstable burst fracture of second lumbar vertebra, initial encounter for open fracture
S32.031A  Stable burst fracture of third lumbar vertebra, initial encounter for closed fracture
S32.031B  Stable burst fracture of third lumbar vertebra, initial encounter for open fracture
S32.032A  Unstable burst fracture of third lumbar vertebra, initial encounter for closed fracture
S32.032B  Unstable burst fracture of third lumbar vertebra, initial encounter for open fracture
S32.041A  Stable burst fracture of fourth lumbar vertebra, initial encounter for closed fracture
S32.041B  Stable burst fracture of fourth lumbar vertebra, initial encounter for open fracture
S32.042A  Unstable burst fracture of fourth lumbar vertebra, initial encounter for closed fracture
S32.042B  Unstable burst fracture of fourth lumbar vertebra, initial encounter for open fracture
S32.051A  Stable burst fracture of fifth lumbar vertebra, initial encounter for closed fracture
S32.051B  Stable burst fracture of fifth lumbar vertebra, initial encounter for open fracture
S32.052A  Unstable burst fracture of fifth lumbar vertebra, initial encounter for closed fracture
S32.052B  Unstable burst fracture of fifth lumbar vertebra, initial encounter for open fracture

HCPCS Equivalent Codes
N/A

Medicare Edits

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* with documentation
Percutaneous aspiration within the nucleus pulposus, intervertebral disc, or paravertebral tissue for diagnostic purposes

**Explanation**
The physician removes contents within the intervertebral disc, nucleus pulposus, or paravertebral tissue with a needle for diagnostic purposes. Separately reportable computed tomography or fluoroscopic guidance verifies placement of the needle. A spinal needle is inserted, the contents of the targeted location are aspirated, and the needle is removed. The wound is dressed. If this procedure is performed under fluoroscopic guidance, injection of the contrast is an inclusive component and is not reported separately.

**Coding Tips**
For imaging guidance of needle placement, see 77003. Do not report 62267 with 10022, 20225, 62287, 62290 or 62291.

**ICD-10-CM Diagnostic Codes**
- G06.1 Intraspinal abscess and granuloma
- M46.02 Spinal enthesopathy, cervical region
- M46.03 Spinal enthesopathy, cervicothoracic region
- M46.04 Spinal enthesopathy, thoracic region
- M46.05 Spinal enthesopathy, thoracolumbar region
- M46.06 Spinal enthesopathy, lumbar region
- M46.07 Spinal enthesopathy, lumbosacral region
- M46.08 Spinal enthesopathy, sacral and sacrococcygeal region
- M46.22 Osteomyelitis of vertebra, cervical region
- M46.23 Osteomyelitis of vertebra, cervicothoracic region
- M46.24 Osteomyelitis of vertebra, thoracic region
- M46.25 Osteomyelitis of vertebra, thoracolumbar region
- M46.26 Osteomyelitis of vertebra, lumbar region
- M46.27 Osteomyelitis of vertebra, lumbosacral region
- M46.28 Osteomyelitis of vertebra, sacral and sacrococcygeal region
- M46.32 Infection of intervertebral disc (pyogenic), cervical region
- M46.33 Infection of intervertebral disc (pyogenic), cervicothoracic region
- M46.34 Infection of intervertebral disc (pyogenic), thoracic region
- M46.35 Infection of intervertebral disc (pyogenic), thoracolumbar region
- M46.36 Infection of intervertebral disc (pyogenic), lumbar region
- M46.37 Infection of intervertebral disc (pyogenic), lumbosacral region
- M46.38 Infection of intervertebral disc (pyogenic), sacral and sacrococcygeal region
- M46.42 Discitis, unspecified, cervical region
- M46.43 Discitis, unspecified, cervicothoracic region
- M46.44 Discitis, unspecified, thoracic region
- M46.45 Discitis, unspecified, thoracolumbar region
- M46.46 Discitis, unspecified, lumbar region
- M46.47 Discitis, unspecified, lumbosacral region
- M46.48 Discitis, unspecified, sacral and sacrococcygeal region
- M46.52 Other infective spondylopathies, cervical region
- M46.53 Other infective spondylopathies, cervicothoracic region
- M46.54 Other infective spondylopathies, thoracic region
- M46.55 Other infective spondylopathies, thoracolumbar region
- M46.56 Other infective spondylopathies, lumbar region
- M46.57 Other infective spondylopathies, lumbosacral region
- M46.58 Other infective spondylopathies, sacral and sacrococcygeal region
- M46.82 Other specified inflammatory spondylopathies, cervical region
- M46.83 Other specified inflammatory spondylopathies, cervicothoracic region
- M46.84 Other specified inflammatory spondylopathies, thoracic region
- M46.85 Other specified inflammatory spondylopathies, thoracolumbar region
- M46.86 Other specified inflammatory spondylopathies, lumbar region
- M46.87 Other specified inflammatory spondylopathies, lumbosacral region
- M46.88 Other specified inflammatory spondylopathies, sacral and sacrococcygeal region
- M46.92 Unspecified inflammatory spondylopathy, cervical region
- M46.93 Unspecified inflammatory spondylopathy, cervicothoracic region
- M46.94 Unspecified inflammatory spondylopathy, thoracic region
- M46.95 Unspecified inflammatory spondylopathy, thoracolumbar region
- M46.96 Unspecified inflammatory spondylopathy, lumbar region
- M46.97 Unspecified inflammatory spondylopathy, lumbosacral region
- M46.98 Unspecified inflammatory spondylopathy, sacral and sacrococcygeal region

**HCPCS Equivalent Codes**
N/A

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