

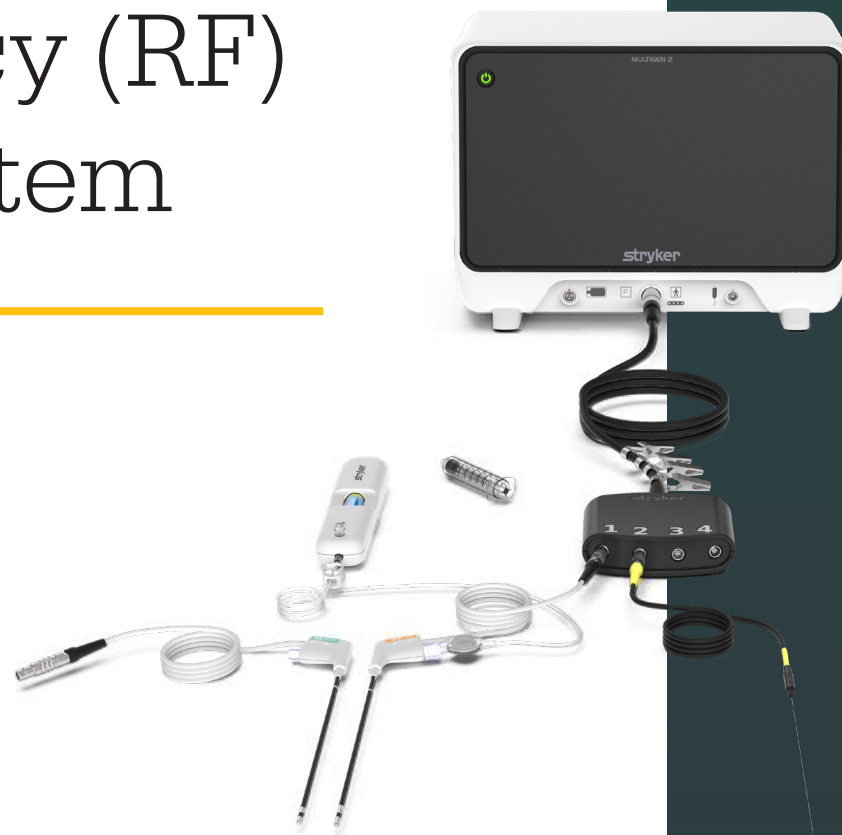
**stryker**

## 2025 reimbursement guide

# OptaBlate<sup>®</sup> radiofrequency (RF) generator system

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**Bone tumor ablation**





## 2025 reimbursement guide

# OptaBlate radiofrequency (RF) generator system

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### IVS Reimbursement Hot Line

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# Ablation

CPT® codes <sup>1</sup>	Description	Physician fees <sup>2</sup>		Relative value units (RVUs) <sup>2</sup>			Hospital outpatient		Ambulatory surgery center (ASC)	ICD-10 diagnosis codes <sup>5</sup>	
		Payment in office	Payment in facility	Non-facility RVUs	Facility RVUs	Work RVUs	Device codes <sup>4</sup>	Ambulatory payment classification (APC) <sup>3</sup>	APC payment <sup>3</sup>		ASC payment <sup>3</sup>
20982	Ablation therapy for reduction or eradication of one or more bone tumors (e.g., metastasis), including adjacent soft tissue when involved by tumor extension, percutaneous, including imaging guidance when performed; radiofrequency	\$3,227	\$353	99.76	10.92	7.02	<b>Ablation catheter C1886</b> Catheter, extravascular tissue ablation, any modality (insertable)  <b>Cement C1713</b> Anchor/screw for opposing bone-to-bone or soft tissue-to-bone (implantable)	5115	\$12,867	\$6,633	<b>C79.51*</b> – Secondary malignant neoplasm of bone <b>D16.6</b> – Benign neoplasm of vertebral column <b>D16.8</b> – Benign neoplasm of pelvic bones, sacrum and coccyx <b>G89.3</b> – Neoplasm related pain (acute) (chronic) <b>M84.58XA</b> – Pathological fracture in neoplastic disease, other specified site, initial encounter for fracture <b>M84.58XS</b> – Pathological fracture in neoplastic disease, other specified site, sequela

\*Must be reported with either M84.58XA or M84.58XS

## Ablation (continued)

### ICD-10-PCS procedure codes<sup>5</sup>

Thorax	
<b>0P503ZZ</b>	Destruction of sternum, percutaneous approach
<b>0P513ZZ</b>	Destruction of 1 to 2 ribs, percutaneous approach
<b>0P523ZZ</b>	Destruction of 3 or more ribs, percutaneous approach
<b>0P593ZZ</b>	Destruction of right clavicle, percutaneous approach
<b>0P5B3ZZ</b>	Destruction of left clavicle, percutaneous approach
Vertebrae and spine	
<b>0P543ZZ</b>	Destruction of thoracic vertebra, percutaneous approach
<b>0Q0503ZZ</b>	Destruction of lumbar vertebra, percutaneous approach
Shoulder and upper arm	
<b>0P553ZZ</b>	Destruction of right scapula, percutaneous approach
<b>0P563ZZ</b>	Destruction of left scapula, percutaneous approach
<b>0P5C3ZZ</b>	Destruction of right humeral head, percutaneous approach
<b>0P5D3ZZ</b>	Destruction of left humeral head, percutaneous approach
<b>0P5F3ZZ</b>	Destruction of right humeral shaft, percutaneous approach
<b>0P5G3ZZ</b>	Destruction of left humeral shaft, percutaneous approach
Pelvis, upper leg and lower leg	
<b>0Q0513ZZ</b>	Destruction of sacrum, percutaneous approach
<b>0Q05S3ZZ</b>	Destruction of coccyx, percutaneous approach
<b>0Q0523ZZ</b>	Destruction of right pelvic bone, percutaneous approach
<b>0Q0533ZZ</b>	Destruction of left pelvic bone, percutaneous approach
<b>0Q0543ZZ</b>	Destruction of right acetabulum, percutaneous approach
<b>0Q0553ZZ</b>	Destruction of left acetabulum, percutaneous approach
<b>0Q0563ZZ</b>	Destruction of right upper femur, percutaneous approach
<b>0Q0573ZZ</b>	Destruction of left upper femur, percutaneous approach
<b>0Q0583ZZ</b>	Destruction of right femoral shaft, percutaneous approach
<b>0Q0593ZZ</b>	Destruction of left femoral shaft, percutaneous approach
<b>0Q05B3ZZ</b>	Destruction of right lower femur, percutaneous approach
<b>0Q05C3ZZ</b>	Destruction of left lower femur, percutaneous approach
<b>0Q05G3ZZ</b>	Destruction of right tibia, percutaneous approach
<b>0Q05H3ZZ</b>	Destruction of left tibia, percutaneous approach
<b>0Q05J3ZZ</b>	Destruction of right fibula, percutaneous approach
<b>0Q05K3ZZ</b>	Destruction of left fibula, percutaneous approach

### MS-DRGs inpatient reimbursement<sup>6</sup>

Code	Description	Medicare national payment
<b>Ablation of bone neoplasm: thorax (metastases only), vertebrae and spine, shoulder and upper arm, pelvis and lower leg</b>		
<b>495</b>	Local excision and removal of internal fixation devices except hip and femur W MCC*	\$25,125
<b>496</b>	Local excision and removal of internal fixation devices except hip and femur W CC**	\$14,080
<b>497</b>	Local excision and removal of internal fixation devices except hip and femur WO CC/MCC***	\$9,582
<b>Ablation of bone neoplasm: upper leg (femur)</b>		
<b>498</b>	Local excision and removal of internal fixation devices of hip and femur W CC/MCC	\$18,019
<b>499</b>	Local excision and removal of internal fixation devices of hip and femur WO CC/MCC	\$8,284
<b>Ablation of bone neoplasm: thorax (benign only)</b>		
<b>166</b>	Other respiratory system OR procedures W MCC	\$27,478
<b>167</b>	Other respiratory system OR procedures W CC	\$13,040
<b>168</b>	Other respiratory system OR procedures WO CC/MCC	\$9,662

\* Major complication or comorbidity

\*\* Complication or comorbidity

\*\*\* Complication or comorbidity/major complication or comorbidity

# Cementoplasty

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## Physician fees<sup>2</sup>

CPT <sup>®</sup> codes <sup>1</sup>	Description	Payment in office	Payment in facility
21899	Unlisted procedure, neck or thorax	Contractor priced	Contractor priced
23929	Unlisted procedure, shoulder	Contractor priced	Contractor priced
24999	Unlisted procedure, humerus or elbow	Contractor priced	Contractor priced
27299	Unlisted procedure, pelvis or hip joint	Contractor priced	Contractor priced
27599	Unlisted procedure, femur or knee	Contractor priced	Contractor priced
27899	Unlisted procedure, leg or ankle	Contractor priced	Contractor priced

# Cementoplasty (continued)

## ICD-10-PCS procedure codes<sup>5</sup>

Thorax	
<b>0PU03JZ</b>	Supplement sternum with synthetic substitute, percutaneous approach
<b>0PU13JZ</b>	Supplement 1 to 2 ribs with synthetic substitute, percutaneous approach
<b>0PU23JZ</b>	Supplement 3 or more ribs with synthetic substitute, percutaneous approach
<b>0PU93JZ</b>	Supplement right clavicle with synthetic substitute, percutaneous approach
<b>0PUB3JZ</b>	Supplement left clavicle with synthetic substitute, percutaneous approach
Vertebrae and spine	
<b>0PU43JZ</b>	Supplement of thoracic vertebra with synthetic substitute, percutaneous approach
<b>0QU03JZ</b>	Supplement of lumbar vertebra with synthetic substitute, percutaneous approach
Shoulder and upper arm	
<b>0PU53JZ</b>	Supplement of right scapula with synthetic substitute, percutaneous approach
<b>0PU63JZ</b>	Supplement of left scapula with synthetic substitute, percutaneous approach
<b>0PUC3JZ</b>	Supplement of right humeral head with synthetic substitute, percutaneous approach
<b>0PUD3JZ</b>	Supplement of left humeral head with synthetic substitute, percutaneous approach
<b>0PUF3JZ</b>	Supplement of right humeral shaft with synthetic substitute, percutaneous approach
<b>0PUG3JZ</b>	Supplement of left humeral shaft with synthetic substitute, percutaneous approach
Pelvis, upper leg and lower leg	
<b>0QU13JZ</b>	Supplement of sacrum with synthetic substitute, percutaneous approach
<b>0QUS3JZ</b>	Supplement of coccyx with synthetic substitute, percutaneous approach
<b>0QU23JZ</b>	Supplement of right pelvic bone with synthetic substitute, percutaneous approach
<b>0QU33JZ</b>	Supplement of left pelvic bone with synthetic substitute, percutaneous approach
<b>0QU43JZ</b>	Supplement of right acetabulum with synthetic substitute, percutaneous approach
<b>0QU53JZ</b>	Supplement of left acetabulum with synthetic substitute, percutaneous approach
<b>0QU63JZ</b>	Supplement of right upper femur with synthetic substitute, percutaneous approach
<b>0QU73JZ</b>	Supplement of left upper femur with synthetic substitute, percutaneous approach
<b>0QU83JZ</b>	Supplement of right femoral shaft with synthetic substitute, percutaneous approach
<b>0QU93JZ</b>	Supplement of left femoral shaft with synthetic substitute, percutaneous approach
<b>0QUB3JZ</b>	Supplement of right lower femur with synthetic substitute, percutaneous approach
<b>0QUC3JZ</b>	Supplement of left lower femur with synthetic substitute, percutaneous approach
<b>0QUG3JZ</b>	Supplement of right tibia with synthetic substitute, percutaneous approach
<b>0QUH3JZ</b>	Supplement of left tibia with synthetic substitute, percutaneous approach
<b>0QUJ3JZ</b>	Supplement of right fibula with synthetic substitute, percutaneous approach
<b>0QUK3JZ</b>	Supplement of left fibula with synthetic substitute, percutaneous approach

## MS-DRGs inpatient reimbursement<sup>6</sup>

Code	Description	Medicare national payment
<b>Ablation and cementoplasty of bone neoplasm: thorax (metastases only), vertebrae and spine, shoulder (scapula), pelvis</b>		
<b>495</b>	Local excision and removal of internal fixation devices except hip and femur W MCC*	\$25,125
<b>496</b>	Local excision and removal of internal fixation devices except hip and femur W CC**	\$14,080
<b>497</b>	Local excision and removal of internal fixation devices except hip and femur WO CC/MCC***	\$9,582
<b>Ablation and cementoplasty of bone neoplasm: upper arm (humerus), lower leg</b>		
<b>492</b>	Lower extremity and humerus procedures except hip, foot and femur W MCC	\$25,343
<b>493</b>	Lower extremity and humerus procedures except hip, foot and femur W CC	\$17,135
<b>494</b>	Lower extremity and humerus procedures except hip, foot and femur WO CC/MCC	\$13,455
<b>Ablation and cementoplasty of bone neoplasm: upper leg (femur)</b>		
<b>480</b>	Hip and femur procedures except major joint W MCC	\$20,989
<b>481</b>	Hip and femur procedures except major joint W CC	\$14,808
<b>482</b>	Hip and femur procedures except major joint WO CC/MCC	\$11,321
<b>Ablation and cementoplasty of bone neoplasm: thorax (benign only)</b>		
<b>166</b>	Other respiratory system OR procedures W MCC	\$27,478
<b>167</b>	Other respiratory system OR procedures W CC	\$13,040
<b>168</b>	Other respiratory system OR procedures WO CC/MCC	\$9,662

\* Major complication or comorbidity

\*\* Complication or comorbidity

\*\*\* Complication or comorbidity/major complication or comorbidity

# Biopsy of bone

CPT® codes <sup>1</sup>	Description	Physician fees <sup>2</sup>		Relative value units (RVUs) <sup>2</sup>			Hospital outpatient		Ambulatory surgery center (ASC)
		Payment in office	Payment in facility	Non- facility RVUs	Facility RVUs	Work RVUs	Ambulatory payment classification (APC) <sup>3</sup>	APC payment <sup>3</sup>	ASC payment <sup>3</sup>
20220	Biopsy, bone, trocar, or needle, superficial (e.g., ilium, sternum, spinous process, ribs)	\$220	\$84	6.80	2.59	1.65	5072	\$1,620	\$708
20225	Biopsy, bone, trocar, or needle, deep (e.g., vertebral body, femur)	\$358	\$125	11.08	3.85	2.45	5072	\$1,620	\$708
20240	Biopsy, bone, open, superficial (e.g., sternum, spinous process, rib, patella, olecranon process, calcaneus, tarsal, metatarsal, carpal, metacarpal, phalanx)	N/A	\$136	N/A	4.20	2.61	5073	\$2,862	\$1,202
20245	Biopsy, bone, open; deep (e.g., humeral shaft, ischium, femoral shaft)	N/A	\$333	N/A	10.28	6.00	5073	\$2,862	\$1,202

# Biopsy of bone (continued)

## ICD-10-PCS procedure codes<sup>5</sup>

Thorax	
<b>0PB03ZX</b>	Excision of sternum, percutaneous approach, diagnostic
<b>0PB13ZX</b>	Excision of 1 to 2 ribs, percutaneous approach, diagnostic
<b>0PB23ZX</b>	Excision of 3 or more ribs, percutaneous approach, diagnostic
<b>0PB93ZX</b>	Excision of right clavicle, percutaneous approach, diagnostic
<b>0PBB3ZX</b>	Excision of left clavicle, percutaneous approach, diagnostic
Vertebrae and spine	
<b>0PB43ZX</b>	Excision of thoracic vertebra, percutaneous approach, diagnostic
<b>0PB03ZX</b>	Excision of lumbar vertebra, percutaneous approach, diagnostic
Shoulder and upper arm	
<b>0PB53ZX</b>	Excision of right scapula, percutaneous approach, diagnostic
<b>0PB63ZX</b>	Excision of left scapula, percutaneous approach, diagnostic
<b>0PBC3ZX</b>	Excision of right humeral head, percutaneous approach, diagnostic
<b>0PBD3ZX</b>	Excision of left humeral head, percutaneous approach, diagnostic
<b>0PBF3ZX</b>	Excision of right humeral shaft, percutaneous approach, diagnostic
<b>0PBG3ZX</b>	Excision of left humeral shaft, percutaneous approach, diagnostic
Pelvis, upper leg and lower leg	
<b>0QB13ZX</b>	Excision of sacrum, percutaneous approach, diagnostic
<b>0QBS3ZX</b>	Excision of coccyx, percutaneous approach, diagnostic
<b>0QB23ZX</b>	Excision of right pelvic bone, percutaneous approach, diagnostic
<b>0QB33ZX</b>	Excision of left pelvic bone, percutaneous approach, diagnostic
<b>0QB43ZX</b>	Excision of right acetabulum, percutaneous approach, diagnostic
<b>0QB53ZX</b>	Excision of left acetabulum, percutaneous approach, diagnostic
<b>0QB63ZX</b>	Excision of right upper femur, percutaneous approach, diagnostic
<b>0QB73ZX</b>	Excision of left upper femur, percutaneous approach, diagnostic
<b>0QB83ZX</b>	Excision of right femoral shaft, percutaneous approach, diagnostic
<b>0QB93ZX</b>	Excision of left femoral shaft, percutaneous approach, diagnostic
<b>0QBB3ZX</b>	Excision of right lower femur, percutaneous approach, diagnostic
<b>0QBC3ZX</b>	Excision of left lower femur, percutaneous approach, diagnostic
<b>0QBG3ZX</b>	Excision of right tibia, percutaneous approach, diagnostic
<b>0QBH3ZX</b>	Excision of left tibia, percutaneous approach, diagnostic
<b>0QBJ3ZX</b>	Excision of right fibula, percutaneous approach, diagnostic
<b>0QBK3ZX</b>	Excision of left fibula, percutaneous approach, diagnostic

## MS-DRGs inpatient reimbursement<sup>6</sup>

Code	Description	Medicare national payment
<b>Ablation and biopsy of bone neoplasm: thorax (metastases only), vertebrae and spine, shoulder and upper arm, pelvis, upper leg and lower leg</b>		
<b>477</b>	Biopsies of musculoskeletal system and connection tissue W MCC*	\$24,543
<b>478</b>	Biopsies of musculoskeletal system and connection tissue W CC**	\$16,690
<b>479</b>	Biopsies of musculoskeletal system and connection tissue WO CC/MCC***	\$12,673
<b>Ablation and biopsy of bone neoplasm: thorax (benign only)</b>		
<b>166</b>	Other respiratory system OR procedures W MCC	\$27,478
<b>167</b>	Other respiratory system OR procedures W CC	\$13,040
<b>168</b>	Other respiratory system OR procedures WO CC/MCC	\$9,662

\* Major complication or comorbidity

\*\* Complication or comorbidity

\*\*\* Complication or comorbidity/major complication or comorbidity



# Vertebroplasty

CPT® codes <sup>1</sup>	Description	Physician fees <sup>2</sup>		Relative value units (RVUs) <sup>2</sup>			Hospital outpatient	Ambulatory surgery center (ASC)	
		Payment in office	Payment in facility	Non-facility RVUs	Facility RVUs	Work RVUs	Ambulatory payment classification (APC) <sup>3</sup>	APC payment <sup>3</sup>	ASC payment <sup>3</sup>
<b>22510</b>	<b>Cervicothoracic</b> Percutaneous vertebroplasty (bone biopsy included when performed), one vertebral body, unilateral or bilateral injection, inclusive of all imaging guidance; cervicothoracic	\$1,678	\$418	51.88	12.92	7.90	5113	\$3,245	\$1,579
<b>22511</b>	<b>Lumbosacral</b> Percutaneous vertebroplasty (bone biopsy included when performed), one vertebral body, unilateral or bilateral injection, inclusive of all imaging guidance; lumbosacral	\$1,677	\$394	51.83	12.17	7.33			
<b>22512</b>	<b>Each additional vertebral body</b> Each additional cervicothoracic or lumbosacral vertebral body (list separately in addition to code for primary procedure 22510 + 22512 or 22511 + 22512)	\$682	\$199	21.08	6.16	4.00	5114	\$7,144	N/A
<b>C7504</b>	<b>Procedural code pair representing codes listed</b> Percutaneous vertebroplasties (bone biopsies included when performed), first cervicothoracic and any additional cervicothoracic or lumbosacral vertebral bodies, unilateral or bilateral injection, inclusive of all imaging guidance (Code pair 22510 + 22512)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$3,511
<b>C7505</b>	<b>Procedural code pair representing codes listed</b> Percutaneous vertebroplasties (bone biopsies included when performed), first lumbosacral and any additional cervicothoracic or lumbosacral vertebral bodies, unilateral or bilateral injection, inclusive of all imaging guidance (Code pair 22511 + 22512)								

## ICD-10-PCS procedure codes<sup>5</sup>

<b>0PU43JZ</b>	Supplement thoracic vertebra with synthetic substitute, percutaneous approach
<b>0QU03JZ</b>	Supplement lumbar vertebra with synthetic substitute, percutaneous approach
<b>0QU13JZ</b>	Supplement sacrum with synthetic substitute, percutaneous approach

## ICD-10-CM diagnosis codes<sup>5</sup>

<b>M89.78</b>	Major osseous defect, other site	<b>C79.51*</b>	Secondary malignant neoplasm of bone
<b>M84.58xA</b>	Pathological fracture in neoplastic disease, other specified site, initial encounter	<b>C79.52*</b>	Secondary malignant neoplasm of bone marrow
<b>M80.08XA</b>	Age-related osteoporosis with current pathological fracture, vertebra(e), initial encounter for fracture	<b>C90.00*</b>	Multiple myeloma not having achieved remission
<b>M80.08XS</b>	Age-related osteoporosis with current pathological fracture, vertebra(e), sequela	<b>C90.01*</b>	Multiple myeloma in remission
<b>M80.88XA</b>	Other osteoporosis with current pathological fracture, vertebra(e), initial encounter for fracture	<b>C90.02*</b>	Multiple myeloma in relapse
<b>M80.88XS</b>	Other osteoporosis with current pathological fracture, vertebra(e), sequela	<b>M84.58XA</b>	Pathological fracture in neoplastic disease, other specified site, initial encounter for fracture
<b>C41.2*</b>	Malignant neoplasm of vertebral column	<b>M84.58XS</b>	Pathological fracture in neoplastic disease, other specified site, sequela

\*Must be reported with either M84.58XA or M84.58XS

# Vertebral augmentation

CPT® codes <sup>1</sup>	Description	Physician fees <sup>2</sup>		Relative value units (RVUs) <sup>2</sup>			Hospital outpatient		Ambulatory surgery center (ASC)
		Payment in office	Payment in facility	Non-facility RVUs	Facility RVUs	Work RVUs	Ambulatory payment classification (APC) <sup>3</sup>	APC payment <sup>3</sup>	ASC payment <sup>3</sup>
<b>22513</b>	<b>Thoracic</b> Percutaneous vertebral augmentation, including cavity creation (fracture reduction and bone biopsy included when performed) using mechanical device (eg, kyphoplasty), one vertebral body, unilateral or bilateral cannulation, inclusive of all imaging guidance; thoracic	\$5,206	\$493	160.96	15.25	8.65	5114	\$7,144	\$3,511
<b>22514</b>	<b>Lumbar</b> Percutaneous vertebral augmentation, including cavity creation (fracture reduction and bone biopsy included when performed) using mechanical device (eg, kyphoplasty), one vertebral body, unilateral or bilateral cannulation, inclusive of all imaging guidance; lumbar	\$5,182	\$461	160.21	14.25	7.99			
<b>22515</b>	<b>Each additional</b> Each additional thoracic or lumbar vertebral body (list separately in addition to code for primary procedure 22513 + 22515) Note: 22514+22515 no longer qualifies for a complexity adjustment and is reimbursed out of APC 5114	\$2,657	\$210	82.13	6.48	4.00	5115	\$12,867	N/A
<b>0200T</b>	<b>One or more needles</b> Percutaneous sacral augmentation (sacroplasty), unilateral injection(s), including the use of a balloon or mechanical device, when used, one or more needles, includes imaging guidance and bone biopsy, when performed	N/A	N/A	N/A	N/A	N/A	5114	\$7,144	\$4,590
<b>0201T</b>	<b>Two or more needles</b> Percutaneous sacral augmentation (sacroplasty), bilateral injections, including the use of a balloon or mechanical device, when used, two or more needles, includes imaging guidance and bone biopsy, when performed								\$3,511
<b>C7507</b>	<b>Procedural code pair representing codes listed</b> Percutaneous vertebral augmentations, first thoracic and any additional thoracic or lumbar vertebral bodies, including cavity creations (fracture reductions and bone biopsies included when performed) using mechanical device (eg, kyphoplasty), unilateral or bilateral cannulations, inclusive of all imaging guidance (Code pair 22513 + 22515)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$6,633
<b>C7508</b>	<b>Procedural code pair representing codes listed</b> Percutaneous vertebral augmentations, first lumbar and any additional thoracic or lumbar vertebral bodies, including cavity creations (fracture reductions and bone biopsies included when performed) using mechanical device (eg, kyphoplasty), unilateral or bilateral cannulations, inclusive of all imaging guidance (Code pair 22514 + 22515)								N/A

## ICD-10-PCS procedure codes<sup>5</sup>

<b>0PS43ZZ</b>	Reposition thoracic vertebra, percutaneous approach
<b>plus 0PU43JZ</b>	Supplement thoracic vertebra with synthetic substitute, percutaneous approach
<b>0QS03ZZ</b>	Reposition lumbar vertebra, percutaneous approach
<b>plus 0QU03JZ</b>	Supplement lumbar vertebra with synthetic substitute, percutaneous approach
<b>0QS13ZZ</b>	Reposition sacrum, percutaneous approach
<b>plus 0QU13JZ</b>	Supplement sacrum with synthetic substitute, percutaneous approach

## ICD-10-CM diagnosis codes<sup>5</sup>

<b>M89.78</b>	Major osseous defect, other site	<b>C79.51*</b>	Secondary malignant neoplasm of bone
<b>M84.58xA</b>	Pathological fracture in neoplastic disease, other specified site, initial encounter	<b>C79.52*</b>	Secondary malignant neoplasm of bone marrow
<b>M80.08XA</b>	Age-related osteoporosis with current pathological fracture, vertebra(e), initial encounter for fracture	<b>C90.00*</b>	Multiple myeloma not having achieved remission
<b>M80.08XS</b>	Age-related osteoporosis with current pathological fracture, vertebra(e), sequela	<b>C90.01*</b>	Multiple myeloma in remission
<b>M80.88XA</b>	Other osteoporosis with current pathological fracture, vertebra(e), initial encounter for fracture	<b>C90.02*</b>	Multiple myeloma in relapse
<b>M80.88XS</b>	Other osteoporosis with current pathological fracture, vertebra(e), sequela	<b>M84.58XA</b>	Pathological fracture in neoplastic disease, other specified site, initial encounter for fracture
<b>C41.2*</b>	Malignant neoplasm of vertebral column	<b>M84.58XS</b>	Pathological fracture in neoplastic disease, other specified site, sequela

\*Must be reported with either M84.58XA or M84.58XS

# Vertebral bone tumor ablation and multiple procedure reimbursement

CPT® codes <sup>1</sup>	Description	Physician fees <sup>2</sup>			Hospital outpatient	Ambulatory surgery center (ASC)	
		Payment in office	Payment in facility	Physician work RVUs	Ambulatory payment classification (APC) <sup>3</sup>	APC payment <sup>3</sup>	ASC payment <sup>3</sup>
<b>Bone tumor ablation and vertebroplasty</b>							
20982	Ablation therapy for reduction or eradication of one or more bone tumors (e.g., metastasis), including adjacent soft tissue when involved by tumor extension, percutaneous, including imaging guidance when performed; radiofrequency	\$4,066	\$595	11.41	5115	\$12,867	\$7,423
(+) 22510	Percutaneous vertebroplasty (bone biopsy included when performed), one vertebral body, unilateral or bilateral injection, inclusive of all imaging guidance; cervicothoracic						
20982	Ablation therapy for reduction or eradication of one or more bone tumors (e.g., metastasis), including adjacent soft tissue when involved by tumor extension, percutaneous, including imaging guidance when performed; radiofrequency	\$4,066	\$571	10.84	5115	\$12,867	\$7,423
(+) 22511	Percutaneous vertebroplasty (bone biopsy included when performed), one vertebral body, unilateral or bilateral injection, inclusive of all imaging guidance; lumbosacral						
(+) C7504	Percutaneous vertebroplasties (bone biopsies included when performed), first cervicothoracic and any additional cervicothoracic or lumbosacral vertebral bodies, unilateral or bilateral injection, inclusive of all imaging guidance	N/A	N/A	N/A	N/A	N/A	\$8,389
<b>Bone tumor ablation and vertebral augmentation</b>							
20982	Ablation therapy for reduction or eradication of one or more bone tumors (e.g., metastasis), including adjacent soft tissue when involved by tumor extension, percutaneous, including imaging guidance when performed; radiofrequency	\$6,820	\$670	12.16	5115	\$12,867	\$8,389
(+) 22513	Percutaneous vertebral augmentation, including cavity creation (fracture reduction and bone biopsy included when performed) using mechanical device (e.g., vertebral augmentation), one vertebral body, unilateral or bilateral cannulation, inclusive of all imaging guidance; thoracic						
20982	Ablation therapy for reduction or eradication of one or more bone tumors (e.g., metastasis), including adjacent soft tissue when involved by tumor extension, percutaneous, including imaging guidance when performed; radiofrequency	\$6,796	\$638	11.50	5115	\$12,867	\$8,389
(+) 22514	Percutaneous vertebral augmentation, including cavity creation (fracture reduction and bone biopsy included when performed) using mechanical device (e.g., vertebral augmentation), one vertebral body, unilateral or bilateral cannulation, inclusive of all imaging guidance; lumbar						
(+) C7507	Percutaneous vertebral augmentations, first thoracic and any additional thoracic or lumbar vertebral bodies, including cavity creations (fracture reductions and bone biopsies included when performed) using mechanical device (e.g., kyphoplasty), unilateral or bilateral cannulations, inclusive of all imaging guidance	N/A	N/A	N/A	N/A	N/A	\$9,950

## Multiple procedures

Physician fees are subject to multiple procedure reduction when the above CPT code combinations are billed together. The higher-valued code will be reimbursed by Medicare at 100% of the rate, and subsequent codes will be reimbursed at 50%. Subsequent codes should be submitted with multiple procedure modifier -51.

Commercial payers typically apply a similar multiple procedure adjustment. Providers should verify payment provisions within individual commercial payer contracts.

# Vertebral bone tumor ablation and multiple procedure reimbursement (continued)

CPT® codes <sup>1</sup>	Description	Physician fees <sup>2</sup>			Hospital outpatient		Ambulatory surgery center (ASC)
		Payment in office	Payment in facility	Physician work RVUs	Ambulatory payment classification (APC) <sup>3</sup>	APC payment <sup>3</sup>	ASC payment <sup>3</sup>
<b>Bone tumor ablation and vertebral augmentation (continued)</b>							
20982	Ablation therapy for reduction or eradication of one or more bone tumors (e.g., metastasis), including adjacent soft tissue when involved by tumor extension, percutaneous, including imaging guidance when performed; radiofrequency	N/A	N/A	N/A	5115	\$12,867	\$8,928
(+) 0200T	Percutaneous sacral augmentation (sacroplasty), unilateral injection(s), including the use of a balloon or mechanical device, when used, 1 or more needles, includes imaging guidance and bone biopsy, when performed						
20982	Ablation therapy for reduction or eradication of one or more bone tumors (e.g., metastasis), including adjacent soft tissue when involved by tumor extension, percutaneous, including imaging guidance when performed; radiofrequency	N/A	N/A	N/A	5115	\$12,867	\$8,389
(+) 0201T	Percutaneous sacral augmentation (sacroplasty), bilateral injections, including the use of a balloon or mechanical device, when used, 2 or more needles, includes imaging guidance and bone biopsy, when performed						
<b>Bone tumor ablation and biopsy of bone</b>							
20982	Ablation therapy for reduction or eradication of one or more bone tumors (e.g., metastasis), including adjacent soft tissue when involved by tumor extension, percutaneous, including imaging guidance when performed; radiofrequency"	\$3,406	\$415	8.25	5115	\$12,867	\$6,987
(+) 20225	Biopsy, bone, trocar, or needle; deep (eg, vertebral body, femur)						

### Multiple procedures

Physician fees are subject to multiple procedure reduction when the above CPT code combinations are billed together. The higher-valued code will be reimbursed by Medicare at 100% of the rate, and subsequent codes will be reimbursed at 50%. Subsequent codes should be submitted with multiple procedure modifier -51.

Commercial payers typically apply a similar multiple procedure adjustment. Providers should verify payment provisions within individual commercial payer contracts.

# References and notes

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## References

1. Current Procedural Terminology 2024, American Medical Association. Chicago, IL 2024. CPT is a registered trademark of the American Medical Association. Current Procedural Terminology (CPT®) is copyright 2024 American Medical Association. All Rights Reserved. Applicable FARS/DFARS apply.
2. 2025 CMS PFS Final Rule, Addendum B (published November 1, 2024). Medicare national average physician payment rates listed in this document are based on the November 2024 release of the relative value file and conversion factor of 32.3465. <https://www.cms.gov/medicare/payment/fee-schedules/physician/federal-regulation-notice/cms-1807-f>.
3. 2025 CMS OPPTS/ASC Final Rule, Addendum AA, B and J (published November 1, 2024). <https://www.cms.gov/medicare/regulations-guidance/fee-for-service-payment-regulations>.
4. Device Category Codes. Medicare Claims Processing Manual, Chapter 4 Section 60.4.2.
5. ICD-10-PCS and ICD-10-CM [https://www.cms.gov/icd10m/version37-fullcode-cms/fullcode\\_cms/P0001.html](https://www.cms.gov/icd10m/version37-fullcode-cms/fullcode_cms/P0001.html)
6. FY 2025 IPPS Final Rule Home Page (available on CMS.gov).

## Notes

- “N/A” indicates that this concept does not apply or that Medicare has not developed fee schedules in those settings of care.
- When CPT code 22515 is reported in the hospital outpatient department with the primary procedure code 22513, the complexity adjustment results in an adjusted APC assignment.

## IVS Reimbursement Hot Line

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**Questions?** Contact IVS Reimbursement Hot Line | **954 302 4591** | [IVS-reimbursement@stryker.com](mailto:IVS-reimbursement@stryker.com)

## Interventional Spine

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Stryker does not assume any responsibility for coding decisions, nor does it recommend codes for specific patients' procedures. The provider is solely responsible for reporting the codes that accurately describe the services furnished to a particular patient as well as the patient's medical condition. It is the provider's responsibility to determine and document that the services provided are medically necessary and that the site of service is appropriate. It is the health care provider's responsibility to report the patient diagnosis, the procedures performed and the products used, consistent with the specific payer's guidelines.

Stryker defers to specialty society guidelines, payer policies and guidelines, Medicare and the AMA regarding the submission of claims and the appropriate coding for procedures and products.

Reimbursement has three components, coding, coverage and payment. All three must be aligned for providers to receive reimbursement for the services they furnish. Payment rates are calculated and represent the national unadjusted payment rates. Payment to individual providers will vary based on a number of variables, including geographic location.

This information in this document is accurate as of November 12, 2024, and all coding and reimbursement information is subject to change without notice. Please contact your Medicare Administrative Contractor or Private Payer for billing, payment and coverage information.

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