

## Coding and billing information

EXOGEN® Ultrasound Bone Healing System has a specific HCPCS Code: E0760 Osteogenic stimulator, low intensity ultrasound, non-invasive.

CPT code 20979: Application of low intensity ultrasound stimulation to aid in bone healing, noninvasive (non-operative)

Modifier: NU, Purchased new

If billed by Home Health facility: Ultrasonic Osteogenic Stimulator only when the services are submitted on types of bills (TOBs) 32X, 33X, or 34X.

Common ICD-9CM Diagnosis Codes associated with ultrasound bone healing: Fracture, open or closed

### 807 Fracture of rib(s), sternum, larynx, and trachea

The following fifth-digit subclassification is for use with codes 807.0-807.1:	
<b>0</b>	<b>Rib(s), unspecified</b>
<b>1</b>	<b>One rib</b>
<b>2</b>	<b>Two ribs</b>
<b>3</b>	<b>Three ribs</b>
<b>4</b>	<b>Four ribs</b>
<b>5</b>	<b>Five ribs</b>
<b>6</b>	<b>Six ribs</b>
<b>7</b>	<b>Seven ribs</b>
<b>8</b>	<b>Eight or more ribs</b>
<b>9</b>	<b>Multiple ribs, unspecified</b>
<b>807.0</b>	<b>Rib(s), closed [0-9]</b>
<b>807.1</b>	<b>Rib(s), open [0-9]</b>
<b>807.2</b>	<b>Sternum, closed</b>
<b>807.3</b>	<b>Sternum, open</b>
<b>807.4</b>	<b>Flail chest</b>
<b>807.5</b>	<b>Larynx and trachea, closed</b>
	<b>Hyoid bone</b>
	<b>Thyroid cartilage</b>
	<b>Trachea</b>
<b>807.6</b>	<b>Larynx and trachea, open</b>

### 808 Fracture of pelvis

<b>808.0</b>	<b>Acetabulum, closed</b>
<b>808.1</b>	<b>Acetabulum, open</b>
<b>808.2</b>	<b>Pubis, closed</b>
<b>808.3</b>	<b>Pubis, open</b>
<b>808.4</b>	<b>Other specified part, closed</b>
<b>808.41</b>	<b>Ilium</b>
<b>808.42</b>	<b>Ishium</b>
<b>808.43</b>	<b>Multiple pelvic fractures with disruption of pelvic circle</b>
<b>808.49</b>	<b>Other</b>
<b>808.5</b>	<b>Other specified part, open</b>
<b>808.51</b>	<b>Ilium</b>
<b>808.52</b>	<b>Ishium</b>
<b>808.53</b>	<b>Multiple pelvic fractures with disruption of pelvic circle</b>
<b>808.59</b>	<b>Other</b>
<b>808.8</b>	<b>Unspecified, closed</b>
<b>808.9</b>	<b>Unspecified, open</b>

\* Summary of Indications for Use: The EXOGEN Ultrasound Bone Healing System is indicated for the non-invasive treatment of established non-unions† excluding skull and vertebra.

In addition, EXOGEN is indicated for accelerating the time to a healed fracture for fresh, closed, posteriorly displaced distal radius fractures and fresh, closed or Grade I open tibial diaphysis fractures in skeletally mature individuals when these fractures are orthopaedically managed by closed reduction and cast immobilization.

There are no known contraindications for the EXOGEN device. Safety and effectiveness has not been established for individuals lacking skeletal maturity; pregnant or nursing women; patients with cardiac pacemakers; on fractures due to bone cancer; or on patients with poor blood circulation or clotting problems. Some patients may be sensitive to the ultrasound gel. Full prescribing information can be found in product labeling, at [www.exogen.com](http://www.exogen.com) or by contacting customer service at 1-800-396-4325.

† A non-union is considered to be established when the fracture site shows no visibly progressive signs of healing.

### 809 Ill-defined fractures of bones of trunk

Includes: bones of trunk with other bones except those of skull and face	
multiple bones of trunk	
Excludes: multiple fractures of:	
pelvic bones alone (808.0-808.9)	
ribs alone (807.0-807.1, 807.4)	
ribs or sternum with limb bones (819.0-819.1, 828.0-828.1)	
skull or face with other bones (804.0-804.9)	
<b>809.0</b>	<b>Fracture of bones of trunk, closed</b>
<b>809.1</b>	<b>Fracture of bones of trunk, open</b>

### 810 Fractures of clavicle

Includes collarbone	
Interligamentous part of clavicle	
The following fifth digit subclassification is for use with category 810:	
<b>810.0</b>	<b>Closed</b>
<b>810.1</b>	<b>Open</b>
<b>0</b>	<b>Unspecified part</b>
<b>1</b>	<b>Sternal end of clavicle</b>
<b>2</b>	<b>Shaft of clavicle</b>
<b>3</b>	<b>Acromial end of clavicle</b>

### 811 Fracture of scapula

Includes shoulder blade	
<b>811.0</b>	<b>Closed</b>
<b>811.1</b>	<b>Open</b>
The following fifth digit subclassification is for use with category 811:	
<b>0</b>	<b>Unspecified part</b>
<b>1</b>	<b>Acromial process</b>
	<b>Acromion (process)</b>
<b>2</b>	<b>Coracoid process</b>
<b>3</b>	<b>Glenoid cavity and neck of scapula</b>
<b>9</b>	<b>Other</b>

## 812 Fracture of humerus

<b>812.0</b>	<b>Upper end, closed</b>
<b>812.00</b>	<b>Upper end, unspecified part</b>
	Proximal end shoulder
<b>812.01</b>	<b>Surgical neck</b>
	Neck of humerus NOS
<b>812.02</b>	<b>Anatomical neck</b>
<b>812.03</b>	<b>Greater tuberosity</b>
<b>812.09</b>	<b>Other</b>
	Head, upper epiphysis
<b>812.1</b>	<b>Upper end, open</b>
<b>812.10</b>	<b>Upper end, unspecified part</b>
<b>812.11</b>	<b>Surgical neck</b>
<b>812.12</b>	<b>Anatomical neck</b>
<b>812.13</b>	<b>Greater tuberosity</b>
<b>812.19</b>	<b>Other</b>
<b>812.2</b>	<b>Shaft or unspecified part, closed</b>
<b>812.20</b>	<b>Unspecified part of humerus</b>
<b>812.21</b>	<b>Shaft of humerus</b>
<b>812.3</b>	<b>Shaft or unspecified part of humerus, open</b>
<b>812.30</b>	<b>Unspecified part of humerus</b>
<b>812.31</b>	<b>Shaft of humerus</b>
<b>812.4</b>	<b>Lower end, closed</b>
	Distal end of humerus
	Elbow
<b>812.40</b>	<b>Lower end, unspecified part</b>
<b>812.41</b>	<b>Supracondylar fracture of humerus</b>
<b>812.42</b>	<b>Lateral condyle</b>
	External condyle
<b>812.43</b>	<b>Medial condyle</b>
	Internal epicondyle
<b>812.44</b>	<b>Condyle(s), unspecified</b>
	Articular process NOS
	Lower epiphysis NOS
<b>812.49</b>	<b>Other</b>
	Multiple fractures of lower end Trochlea
<b>812.5</b>	<b>Lower end, open</b>
<b>812.50</b>	<b>Lower end, unspecified part</b>
<b>812.51</b>	<b>Supracondylar fracture of humerus</b>
<b>812.52</b>	<b>Lateral condyle</b>
<b>812.53</b>	<b>Medial condyle</b>
<b>812.54</b>	<b>Condyle(s), unspecified</b>
<b>812.59</b>	<b>Other</b>

## 813 Fracture of radius and ulna

<b>813.0</b>	<b>Upper end, closed</b>
	Proximal end
<b>813.00</b>	<b>Upper end of forearm, unspecified</b>
<b>813.01</b>	<b>Olecranon process of ulna</b>
<b>813.02</b>	<b>Coronoid process of ulna</b>
<b>813.03</b>	<b>Monteggia's fracture</b>
	Fracture near the head of the ulnar shaft, causing dislocation of the radial head.
<b>813.04</b>	<b>Other and unspecified fractures of proximal end of ulna (alone)</b>
	Multiple fractures of ulna, upper end
<b>813.05</b>	<b>Head of radius</b>
<b>813.06</b>	<b>Neck of radius</b>
<b>813.07</b>	<b>Other and unspecified fractures of proximal end of radius (alone) Multiple fractures of radius, upper end</b>
<b>813.08</b>	<b>Radius with ulna, upper end (any part)</b>
<b>813.1</b>	<b>Upper end, open</b>
<b>813.10</b>	<b>Upper end of forearm, unspecified</b>
<b>813.11</b>	<b>Olecranon process of ulna</b>
<b>813.12</b>	<b>Coronoid process of ulna</b>

<b>813.13</b>	<b>Monteggia's fracture</b>
<b>813.14</b>	<b>Other and unspecified fractures of proximal end of ulna (alone)</b>
<b>813.15</b>	<b>Head of radius</b>
<b>813.16</b>	<b>Neck of radius</b>
<b>813.17</b>	<b>Other and unspecified fractures of proximal end of radius (alone)</b>
<b>813.18</b>	<b>Radius with ulna, upper end (any part)</b>
<b>813.2</b>	<b>Shaft, closed</b>
<b>813.20</b>	<b>Shaft, unspecified</b>
<b>813.21</b>	<b>Radius (alone)</b>
<b>813.22</b>	<b>Ulna (alone)</b>
<b>813.23</b>	<b>Radius and ulna</b>
<b>813.3</b>	<b>Shaft, open</b>
<b>813.30</b>	<b>Shaft, unspecified</b>
<b>813.31</b>	<b>Radius, (alone)</b>
<b>813.32</b>	<b>Ulna (alone)</b>
<b>813.33</b>	<b>Radius and ulna</b>
<b>813.4</b>	<b>Lower end, closed</b>
	Distal end
<b>813.40</b>	<b>Lower end of forearm, unspecified</b>
<b>813.41</b>	<b>Colles' fracture</b>
	Smith's fracture break of lower end of radius associated with backward movement of the radius lower section.
<b>813.42</b>	<b>Other fractures of distal end of radius (alone)</b>
	Dupuytren's fracture, radius
	Radius, lower end
<b>813.43</b>	<b>Distal end of ulna (alone)</b>
	<b>Ulna:</b>
	Head Lower epiphysis
	Lower end Styloid process
<b>813.44</b>	<b>Distal end of ulna, lower end</b>
<b>813.45</b>	<b>Torus fracture of radius</b>
<b>813.5</b>	<b>Lower end, open</b>
<b>813.50</b>	<b>Lower end of forearm, unspecified</b>
<b>813.51</b>	<b>Colles' fracture</b>
<b>813.52</b>	<b>Other fractures of distal end of radius (alone)</b>
<b>813.53</b>	<b>Distal end of ulna (alone)</b>
<b>813.54</b>	<b>Radius with ulna, lower end</b>
<b>813.8</b>	<b>Unspecified part, closed</b>
<b>813.80</b>	<b>Forearm, unspecified</b>
<b>813.81</b>	<b>Radius (alone)</b>
<b>813.82</b>	<b>Ulna (alone)</b>
<b>813.83</b>	<b>Radius with ulna</b>
<b>813.9</b>	<b>Unspecified part, open</b>
<b>813.90</b>	<b>Forearm, unspecified</b>
<b>813.91</b>	<b>Radius (alone)</b>
<b>813.92</b>	<b>Ulna (alone)</b>
<b>813.93</b>	<b>Radius with ulna</b>

## 814 Fracture of carpal bone(s)

The following fifth-digit subclassification is for use with category 814:	
<b>814.0</b>	<b>Closed</b>
<b>814.1</b>	<b>Open</b>
<b>0</b>	<b>carpal bone, unspecified</b>
<b>1</b>	<b>navicular (scaphoid) of wrist</b>
<b>2</b>	<b>lunate (semilunar) bone of wrist</b>
<b>3</b>	<b>triquetral (cuneiform) bone of wrist</b>
<b>4</b>	<b>pisiform</b>
<b>5</b>	<b>trapezium bone (larger multangular)</b>
<b>6</b>	<b>trapezoid bone (smaller multangular)</b>
<b>7</b>	<b>capitate bone (os magnum)</b>
<b>8</b>	<b>hamate (unciform) bone</b>
<b>9</b>	<b>other</b>

## 815 Fracture of metacarpal bone(s)

Includes hand (except finger)
Metacarpus
The following fifth-digit subclassification is for use with category 815:
<b>815.0 Closed</b>
<b>815.1 Open</b>
<b>0 metacarpal bone(s), site unspecified</b>
<b>1 base of thumb (first) metacarpal</b>
<b>2 base of other metacarpal bone(s)</b>
<b>3 shaft of metacarpal bone(s)</b>
<b>4 neck of metacarpal bone(s)</b>
<b>9 multiple sites of metacarpus</b>

## 816 Fracture of one or more phalanges hand

Finger(s) thumb
Metacarpus
The following fifth-digit subclassification is for use with category 816:
<b>816.0 Closed</b>
<b>816.1 Open</b>
<b>0 phalanx or phalanges, unspecified</b>
<b>1 middle or proximal phalanx or phalanges</b>
<b>2 distal phalanx or phalanges</b>
<b>3 multiple sites</b>

## 817 Multiple fractures of hand bones

Metacarpal bone(s) with phalanx or phalanges of same hand
<b>817.0 Closed</b>
<b>817.1 Open</b>

## 818 Ill-defined fractures of upper limb

Includes: arm NOS
multiple bones of same upper limb
Excludes: multiple fractures of:
metacarpal bones with phalanx or phalanges (817.0-817.1)
phalanges of hand alone (816.0-816.1)
radius with ulna (813.0-813.9)
<b>818.0 Closed</b>
<b>818.1 Open</b>

## 819 Multiple fractures involving both upper limbs, and upper limb and rib(s) and sternum

Arm(s) with rib(s) or sternum
Both arms (any bones)
<b>819.0 Closed</b>
<b>819.1 Open</b>

## 820 Fracture of neck of femur

<b>820.0 Transversal fracture, closed</b>
<b>820.00 Intracapsular section, unspecified</b>
<b>820.01 Epiphysis (separation) (upper)</b>
Transepiphyseal
<b>820.02 Midcervical section</b>
Transcervical NOS
<b>820.03 Base of neck</b>
Cervicotrochanteric section
<b>820.09 Other</b>
Head of femur subcapital
<b>820.1 Transcervical fracture, open</b>
<b>820.10 Intracapsular section, unspecified</b>
<b>820.11 Epiphysis (separation) (upper)</b>
<b>820.12 Midcervical section</b>
<b>820.13 Base of neck</b>
<b>820.19 Other</b>

<b>820.2 Pertrochanteric fracture, closed</b>
<b>820.20 Trochanteric section, unspecified</b>
Trochanter: NOS greater Lesser
<b>820.21 Intratrochanteric section</b>
<b>820.22 Subtrochanteric section</b>
<b>820.3 Pertrochanteric fracture, open</b>
<b>820.30 Trochanteric section, unspecified</b>
<b>820.31 Intratrochanteric section</b>
<b>820.32 Subtrochanteric section</b>
<b>820.8 Unspecified part of neck of femur, closed</b>
Hip NOS Neck of femur NOS
<b>820.9 Unspecified part of neck of femur, open</b>

## 821 Fracture of other and unspecified parts of femur

<b>821.0 Shaft or unspecified part, closed</b>
<b>821.00 Unspecified part of femur</b>
Thigh Upper leg
<b>821.01 Shaft</b>
<b>821.1 Shaft or unspecified part, open</b>
<b>821.10 Unspecified part of femur</b>
<b>821.11 Shaft</b>
<b>821.2 Lower end, closed</b>
Distal end
<b>821.20 Lower end, unspecified part</b>
<b>821.21 Condyle, femoral</b>
<b>821.22 Epiphysis, lower (separation)</b>
<b>821.23 Supracondylar fracture of femur</b>
Multiple fractures of lower end
<b>821.29 Other</b>
Multiple fractures of lower end
<b>821.3 Lower end, open</b>
<b>821.30 Lower end, unspecified part</b>
<b>821.31 Condyle, femoral</b>
<b>821.32 Epiphysis, lower (separation)</b>
<b>821.33 Supracondylar fracture of femur</b>
<b>821.39 Other</b>

## 822 Fracture of patella

<b>822.0 Closed</b>
<b>822.1 Open</b>

## 823 Fracture of tibia and fibula

Excludes: Dupuytren's fracture (824.4-824.5)
Ankle (824.4-824.5)
Radius (813.42, 813.52)
Pott's fracture (824.4-824.5)
involving ankle (824.0-824.9)
The following fifth-digit subclassification is for use with category 823:
<b>0 tibia alone</b>
<b>1 fibula alone</b>
<b>2 fibula with tibia</b>
<b>823.0 Upper end, closed</b>
Head Tibia:
Proximal end condyles tuberosity
<b>823.1 Upper end, open</b>
<b>823.2 Shaft, closed</b>
<b>823.3 Shaft, open</b>
<b>823.4 Torus fracture</b>
Def: A bone deformity in children, occurring commonly in the tibia and fibula, in which the bone bends and buckles but does not fracture.
<b>823.8 Unspecified part, closed</b>
Lower leg NOS
<b>823.9 Unspecified part, open</b>

## 824 Fracture of ankle

<b>824.0</b>	<b>Medial malleolus, closed</b>
	Tibia involving:
	Ankle malleolus
<b>824.1</b>	<b>Medial malleolus, open</b>
<b>824.2</b>	<b>Lateral malleolus, closed</b>
	Fibula involving:
	Ankle malleolus
<b>824.3</b>	<b>Lateral malleolus, open</b>
<b>824.4</b>	<b>Bimalleolar, closed</b>
	Dupuytren's fracture, fibula
	Potts fracture
	Def: Bimalleolar, closed: Breaking of both nodules (malleoli) on either side of ankle joint, without an open wound
	Def: Dupuytren's fracture (Pott's fracture): The breaking of the farthest end of the lower leg bone (fibula, with injury to the farthest end joint of the other lower leg bone (tibia)
<b>824.5</b>	<b>Bimalleolar, open</b>
<b>824.6</b>	<b>Trimalleolar, closed</b>
	Lateral and medial malleolus with anterior or posterior lip of tibia
<b>824.7</b>	<b>Trimalleolar, open</b>
<b>824.8</b>	<b>Unspecified, closed</b>
	Ankle NOS
<b>824.9</b>	<b>Unspecified, open</b>

## 825 Fracture of one or more tarsal and metatarsal bones

<b>825.0</b>	<b>Fracture of calcaneus, closed</b>
	Heel bone Os calciss
<b>825.1</b>	<b>Fracture of calcaneus, open</b>
<b>825.2</b>	<b>Fracture of other tarsal and metatarsal bones, closed</b>
<b>825.20</b>	<b>Unspecified bones of foot (except toes)</b>
	Instep
<b>825.21</b>	<b>Astragalus</b>
	Talus
<b>825.22</b>	<b>Navicular (scaphoid), foot</b>
<b>825.23</b>	<b>Cuboid</b>
<b>825.24</b>	<b>Cuneiform, foot</b>
<b>825.25</b>	<b>Metatarsal(s)</b>
<b>825.29</b>	<b>Other</b>
	Tarsal with metatarsal bone(s) only
	Excludes: Calcaneus ( 825.0)
<b>825.3</b>	<b>Fracture of other tarsal and metatarsal bones, open</b>
<b>825.30</b>	<b>Unspecified bones of foot (except toes)</b>
	Instep
<b>825.31</b>	<b>Astragalus</b>
	Talus
<b>825.32</b>	<b>Navicular (scaphoid), foot</b>
<b>825.33</b>	<b>Cuboid</b>
<b>825.34</b>	<b>Cuneiform, foot</b>
<b>825.35</b>	<b>Metatarsal(s)</b>
<b>825.39</b>	<b>Other</b>

## 826 Fracture of one or more phalanges of foot

<b>Includes</b>	<b>toe(s)</b>
<b>826.0</b>	<b>Closed</b>
<b>826.1</b>	<b>Open</b>

IMPORTANT: The diagnostic codes referenced in this brochure are for information purposes only and are not designed to be a reference to EXOGEN indications or health plan coverage. EXOGEN indications are stated on page 1.

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## 827 Other, multiple and ill-defined fractures of lower limb

	Includes leg NOS
	Multiple bones of same lower limb
	Excludes multiple fractures of:
	Ankle bones alone (824.4-824.9)
	Phalanges of foot alone (826.0-826.1)
	Tarsal with metatarsal bones (825.9-825.39)
	Tibia with fibula (823.0-823.9 with fifth digit)
<b>827.0</b>	<b>Closed</b>
<b>827.1</b>	<b>Open</b>

## 828 Multiple fractures involving both lower limbs, lower with upper limb and lower limbs with rib(s) and sternum

	Includes arm(s) with leg(s) any bones
	Both leg(s) (any bones)
	Leg(s) with rib(s) or sternum
<b>828.0</b>	<b>Closed</b>
<b>828.1</b>	<b>Open</b>

## 829 Fracture of unspecified bones

<b>829.0</b>	<b>Unspecified bone, closed</b>
<b>829.1</b>	<b>Unspecified bone, open</b>

## Fracture, Stress

<b>733.93</b>	<b>Tibia or fibula</b>
<b>733.94</b>	<b>Metatarsals</b>
<b>733.95</b>	<b>of other bone</b>

## General

<b>356.1</b>	<b>Charco-Marie-Tooth synd</b>
<b>733.81</b>	<b>Malunion of fracture</b>
<b>733.82</b>	<b>Nonunion of fracture</b>
<b>V45.4</b>	<b>Arthrodesis status</b>

## Comorbidities

<b>250.00</b>	<b>Diabetes, unspecified</b>
<b>250.01</b>	<b>Diabetes, Type I</b>
<b>250.02</b>	<b>Diabetes, Type II</b>
<b>278.00</b>	<b>Obesity unspecified</b>
<b>278.01</b>	<b>Morbid obesity</b>
<b>278.02</b>	<b>Overweight</b>
<b>281.0-281.9</b>	<b>Severe anemia</b>
<b>285.9</b>	<b>Anemia</b>
<b>305.1</b>	<b>Smoker</b>
<b>303.9</b>	<b>Alcoholism</b>
<b>401.9</b>	<b>Hypertension</b>
<b>459.9</b>	<b>Vascular disease</b>
<b>429.2</b>	<b>Cardiovascular disease</b>
<b>585.0-585.9</b>	<b>End stage renal disease</b>
<b>593.9</b>	<b>Renal disease</b>
<b>715.0</b>	<b>Generalized osteoarthritis</b>
<b>715.1</b>	<b>Localized primary osteoarthritis (0-8)</b>
<b>715.2</b>	<b>Localized secondary osteoarthritis (0-8)</b>
<b>719.4</b>	<b>Pain, joint osteoarthritis</b>
<b>715.9</b>	<b>Localized or generalized NOS osteoarthritis (0-8)</b>
<b>733.00-733.09</b>	<b>Osteoporosis</b>
<b>733.90</b>	<b>Osteopenia, disorder of bone and cartilage, unspecified</b>
<b>781.2</b>	<b>Abnormal, gait</b>
<b>E9320.0</b>	<b>Steroid therapy</b>
<b>V11.3.303-303.93</b>	<b>Alcoholism history</b>
<b>V58.65</b>	<b>Long term steroid use</b>
<b>V58.64</b>	<b>NSAID non-steroidal use</b>
<b>V58.11</b>	<b>Chemotherapy</b>
<b>V58.12</b>	<b>Immunotherapy</b>
<b>V15.81</b>	<b>Noncompliance with medical treatment</b>
<b>V85.-V85.5</b>	<b>Body mass index</b>