

23410-23412

23410 Repair of ruptured musculotendinous cuff (eg, rotator cuff) open; acute

23412 Repair of ruptured musculotendinous cuff (eg, rotator cuff) open; chronic

(For arthroscopic procedure, use 29827)

AMA Coding Guideline

Surgical Procedures on the Shoulder

The area known as the shoulder is made up of the clavicle, scapula, humerus head and neck, sternoclavicular joint, acromioclavicular joint, and shoulder joint.

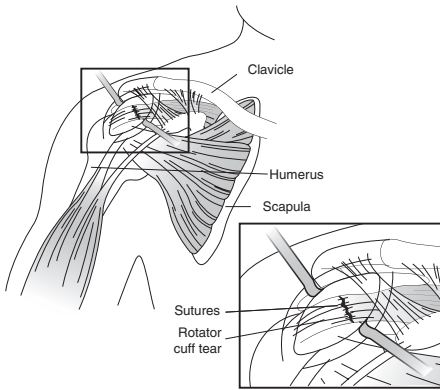
Please see the Surgical Guidelines section for the following guidelines:

- *Surgical Procedures on the Musculoskeletal System*

Plain English Description

The physician performs an open repair of a ruptured musculotendinous cuff, also referred to as the rotator cuff, of the shoulder. The rotator cuff is a group of muscles and tendons in the shoulder that control shoulder joint motion. This group of muscles and tendons includes the supraspinatus, infraspinatus, subscapularis, and teres minor. The tendons of these muscles fuse together to form the rotator cuff and attach on the humeral head. An incision is made over the shoulder joint and the rotator cuff is exposed. The underside of the acromion is inspected, smoothed, and flattened as needed using a motorized burr and shaver. The rotator cuff is visualized and the size and pattern of the tear evaluated. Thin or fragmented portions of the rotator cuff are removed. If the defect is repaired by direct tendon to tendon repair, the proximal and distal portions of the ruptured tendon are sutured together. Large defects may require tendon mobilization or advancement of tendon flaps. If a tendon to bone repair is required, the site where the rotator cuff will be reattached to bone is debrided. Side-to-side stitches may be used to initiate closure of a large rotator cuff defect. Next, sutures are passed through the tendon ends and secured. Metallic anchors with sutures are then placed in the humerus at the site where the tendon will be reattached. The anchors are recessed below the bone surface with only the sutures exposed. The sutures are passed through the tendon and tied pulling the tendon down to the prepared bone surface. When the procedure is complete, the incision is closed and a dressing is applied. Use code 23410 for repair of an acute rupture of the rotator cuff and code 23412 for repair of a chronic rotator cuff injury.

Repair of ruptured musculotendinous cuff, open



An incision is made into the shoulder and the rotator cuff is exposed, thin or fragmented portions of the rotator cuff are removed and the tear is sutured together, acute rupture (23410), chronic rupture (23412)

ICD-10-CM Diagnostic Codes

- ≈ M75.111 Incomplete rotator cuff tear or rupture of right shoulder, not specified as traumatic
- ≈ M75.112 Incomplete rotator cuff tear or rupture of left shoulder, not specified as traumatic
- ≈ M75.121 Complete rotator cuff tear or rupture of right shoulder, not specified as traumatic
- ≈ M75.122 Complete rotator cuff tear or rupture of left shoulder, not specified as traumatic
- 7 ≈ S41.011 Laceration without foreign body of right shoulder
- 7 ≈ S41.012 Laceration without foreign body of left shoulder
- 7 ≈ S41.021 Laceration with foreign body of right shoulder
- 7 ≈ S41.022 Laceration with foreign body of left shoulder
- 7 ≈ S41.031 Puncture wound without foreign body of right shoulder
- 7 ≈ S41.032 Puncture wound without foreign body of left shoulder
- 7 ≈ S41.041 Puncture wound with foreign body of right shoulder
- 7 ≈ S41.042 Puncture wound with foreign body of left shoulder
- 7 ≈ S43.014 Anterior dislocation of right humerus
- 7 ≈ S43.015 Anterior dislocation of left humerus
- 7 ≈ S43.021 Posterior subluxation of right humerus
- 7 ≈ S43.024 Posterior dislocation of right humerus
- 7 ≈ S43.025 Posterior dislocation of left humerus
- 7 ≈ S43.034 Inferior dislocation of right humerus
- 7 ≈ S43.035 Inferior dislocation of left humerus
- 7 ≈ S43.084 Other dislocation of right shoulder joint
- 7 ≈ S43.085 Other dislocation of left shoulder joint
- 7 ≈ S43.421 Sprain of right rotator cuff capsule
- 7 ≈ S43.422 Sprain of left rotator cuff capsule
- 7 ≈ S46.011 Strain of muscle(s) and tendon(s) of the rotator cuff of right shoulder
- 7 ≈ S46.012 Strain of muscle(s) and tendon(s) of the rotator cuff of left shoulder
- 7 ≈ S46.022 Laceration of muscle(s) and tendon(s) of the rotator cuff of left shoulder

ICD-10-CM Coding Notes

Refer to your ICD-10-CM book for a list of all 7th character extensions for codes requiring a 7th character. For some procedures, only certain 7th characters will apply. Review the 7th character descriptions and coding guidelines to ensure that the appropriate 7th character is assigned.

CCI Edits

Refer to Appendix A for CCI edits.

AMA CPT Assistant

23410: Aug 01: 11, Feb 02: 11

23412: Feb 02: 11, Sep 12: 16, Feb 15: 10, Jun 15: 10

Facility RVUs

Global: 090

Code	Work	PE Facility	MP	Total Facility
23410	11.39	10.07	2.22	23.68
23412	11.93	10.32	2.28	24.53

Non-facility RVUs

Code	Work	PE Non-Facility	MP	Total Non-Facility
23410	11.39	10.07	2.22	23.68
23412	11.93	10.32	2.28	24.53

Modifiers (PAR)

Code	Mod 50	Mod 51	Mod 62	Mod 66	Mod 80
23410	1	2	1	0	2
23412	1	2	1	0	2