



# MASSACHUSETTS

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## Medical Policy Shoulder Resurfacing

### Table of Contents

- [Policy: Commercial](#)
- [Policy: Medicare](#)
- [Authorization Information](#)
- [Coding Information](#)
- [Description](#)
- [Policy History](#)
- [Information Pertaining to All Policies](#)
- [References](#)

### Policy Number: 156

BCBSA Reference Number: 7.01.119A (For Plan internal use only)  
NCD/LCD: NA

### Related Policies

- Hip Resurfacing, #[046](#)
- Reverse Shoulder Arthroplasty, #[161](#)

### Policy

**Commercial Members: Managed Care (HMO and POS), PPO, and Indemnity**  
**Medicare Members: Managed Care HMO Blue<sup>SM</sup> and Medicare PPO Blue<sup>SM</sup>**

Shoulder resurfacing, including total, hemi, or partial resurfacing is considered [INVESTIGATIONAL](#).

### Prior Authorization Information

#### Inpatient

- For services described in this policy, precertification/preauthorization **IS REQUIRED** for all products if the procedure is performed **inpatient**.

#### Outpatient

- For services described in this policy, see below for products where prior authorization **might be required** if the procedure is performed **outpatient**.

	Outpatient
<b>Commercial Managed Care (HMO and POS)</b>	This is <b>not</b> a covered service.
<b>Commercial PPO and Indemnity</b>	This is <b>not</b> a covered service.
<b>Medicare HMO Blue<sup>SM</sup></b>	This is <b>not</b> a covered service.
<b>Medicare PPO Blue<sup>SM</sup></b>	This is <b>not</b> a covered service.

### CPT Codes / HCPCS Codes / ICD Codes

*Inclusion or exclusion of a code does not constitute or imply member coverage or provider reimbursement. Please refer to the member's contract benefits in effect at the time of service to determine coverage or non-coverage as it applies to an individual member.*

Providers should report all services using the most up-to-date industry-standard procedure, revenue, and diagnosis codes, including modifiers where applicable.

## CPT Codes

There is no specific CPT code for this service.

## ICD-9 Diagnosis Codes

Investigational for all diagnoses.

## Description

Resurfacing the shoulder joint is a method to treat painful shoulders without replacing the humeral head. Resurfacing of the humeral head can be accomplished with devices that provide either complete or partial coverage, and may be performed alone (hemi-resurfacing) or in combination with glenoid resurfacing (total shoulder resurfacing). The objective of resurfacing is to preserve the individual patient's normal head-neck anatomy and bone stock.

Examples of prosthetic designs for shoulder resurfacing include the Mark prosthesis from Copeland™, the Extended Articulating Surface (EAS)™ Resurfacing Heads from Biomet Manufacturing, and Global CAP™ CTA Resurfacing Shoulder Humeral Head from DePuy. All shoulder resurfacing prosthetic systems are considered investigational regardless of the commercial name, the manufacturer or FDA approval status.

## Summary

For shoulder resurfacing, questions remain about the stability and durability of these prostheses, as well as the effect of partial or total humeral resurfacing on the glenoid. Controlled studies are needed to evaluate the risks and benefits of hemi- and total shoulder resurfacing in comparison with hemi- and total shoulder replacement. At the present time, evidence is insufficient to permit conclusions concerning the effect of this procedure on health outcomes. Therefore, partial resurfacing, humeral resurfacing and total shoulder resurfacing are considered investigational.

## Policy History

Date	Action
11/2011-4/2012	Medical policy ICD 10 remediation: Formatting, editing and coding updates. No changes to policy statements.
6/2011	Reviewed - Medical Policy Group – Orthopedics, Rehabilitation, Rheumatology. No changes to policy statements.
7/2010	Reviewed - Medical Policy Group – Orthopedics, Rehabilitation, Rheumatology. No changes to policy statements.
3/01/10	New policy, effective 3/01/10.

## Information Pertaining to All Blue Cross Blue Shield Medical Policies

Click on any of the following terms to access the relevant information:

[Medical Policy Terms of Use](#)

[Managed Care Guidelines](#)

[Indemnity/PPO Guidelines](#)

[Clinical Exception Process](#)

[Medical Technology Assessment Guidelines](#)

## References

1. Bryant D, Litchfield R, Sandow M et al. A comparison of pain, strength, range of motion, and functional outcomes after hemiarthroplasty and total shoulder arthroplasty in patients with osteoarthritis of the shoulder. A systematic review and meta-analysis. *J Bone Joint Surg Am* 2005; 87(9):1947-56.
2. Radnay CS, Setter KJ, Chambers L et al. Total shoulder replacement compared with humeral head replacement for the treatment of primary glenohumeral osteoarthritis: a systematic review. *J Shoulder Elbow Surg* 2007; 16(4):396-402.
3. Levy O, Copeland SA. Cementless surface replacement arthroplasty of the shoulder. 5- to 10-year results with the Copeland mark-2 prosthesis. *J Bone Joint Surg Br* 2001; 83(2):213-21.
4. Levy O, Copeland SA. Cementless surface replacement arthroplasty (Copeland CSRA) for osteoarthritis of the shoulder. *J Shoulder Elbow Surg* 2004; 13(3):266-71.
5. Levy O, Funk L, Sforza G et al. Copeland surface replacement arthroplasty of the shoulder in rheumatoid arthritis. *J Bone Joint Surg Am* 2004; 86-A(3):512-8.
6. Thomas SR, Wilson AJ, Chambler A et al. Outcome of Copeland surface replacement shoulder arthroplasty. *J Shoulder Elbow Surg* 2005; 14(5):485-91.
7. Buchner M, Eschbach N, Loew M. Comparison of the short-term functional results after surface replacement and total shoulder arthroplasty for osteoarthritis of the shoulder: a matched-pair analysis. *Arch Orthop Trauma Surg* 2008; 128(4):347-54.
8. Fuerst M, Fink B, R  ther W. The DUROM cup humeral surface replacement in patients with rheumatoid arthritis. *J Bone Joint Surg Am* 2007; 89(8):1756-62.
9. Uribe JW, Bemden AB. Partial humeral head resurfacing for osteonecrosis. *J Shoulder Elbow Surg* 2009 Jan 29 [Epub ahead of print].
10. ClinicalTrials.gov Available at: <http://www.clinicaltrials.gov/ct2/results?term=shoulder+resurfacing>  
Last viewed May 2009.