

Shoulder-Elbow Joint Resurfacing Arthroplasty with Allograft Tissue

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Effective Date 9/1994

Next Review Date 1/23/2024

<u>Coverage Policy</u> Surgical 111

<u>Version</u> 4

All requests for authorization for the services described by this medical policy will be reviewed per Early and Periodic Screening, Diagnostic and Treatment (EPSDT) guidelines. These services may be authorized under individual consideration for Medicaid members under the age of 21-years if the services are judged to by medically necessary to correct or ameliorate the member's condition. Department of Medical Assistance Services (DMAS), Supplement B - EPSDT (Early and Periodic Screening, Diagnosis and Treatment) Manual.*.

Purpose:

This policy addresses Shoulder-Elbow Joint Resurfacing Arthroplasty with Allograft Tissue.

Description & Definitions:

Allograft refers to tissue from a donor of the same species.

Resurfacing is leaving the patient's native surface intact and you are replacing a superficial layer.

Revision of the joint involves total joint replacement where you are replacing one or both ends of the joint.

Shoulder or elbow resurfacing arthroplasty is a surgical procedure used as an alternative to total replacement. With this procedure, you are leaving the patient's native surface intact and replacing a superficial layer of it.

Criteria:

Shoulder-Elbow Joint Resurfacing Arthroplasty with Allograft Tissue is considered not medically necessary for any indication.

Coding:

Medically necessary with criteria:

	, ,	
Coding	Description	

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None

Considered Not Medically Necessary:

Coding	Description
23929	Unlisted procedure, shoulder
24370	Revision of total elbow arthroplasty, including allograft when performed; humeral or ulnar component
24371	Revision of total elbow arthroplasty, including allograft when performed; humeral and ulnar component
24999	Unlisted procedure, humerus or elbow

U.S. Food and Drug Administration (FDA) - approved only products only.

Document History:

Revised Dates:

- 2024: January
- 2020: January
- 2016: May
- 2015: January
- 2012: January
- 2011: January
- 2010: January, February
- 2009: January, March
- 2008: January
- 2006: August
- 2004: May (taken out of archive)
- 1999: November (archived)

Reviewed Dates:

- 2023: January
- 2022: January
- 2021: January
- 2020: January
- 2018: June, November
- 2017: December
- 2014: February
- 2013: February
- 2012: February
- 2005: February, December
- 2003: June, July, October
- 1998: November
- 1996: September

Effective Date:

• September 1994

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References:

Specialty Association Guidelines; Government Regulations; Winifred S. Hayes, Inc; UpToDate; Literature Review; Specialty Advisors; National Coverage Determination (NCD); Local Coverage Determination (LCD).

Beer, A., Tauro, T., Redondo, M., Christian, D., Cole, B., Frank, R. Use of Allografts in Orthopedic Surgery: Safety, Procurement, Storage, and Outcomes. Orthopedic Journal of Sports Medicine. 12.2019. National Institute of Health. Retrieved 1.8.2024. https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6937533/

Carelon. Carelon Medical Benefits Management clinical appropriateness guidelines and cancer treatment pathways. Joint Surgery 2023-11-05. Retrieved 1.8.2024.

https://guidelines.carelonmedicalbenefitsmanagement.com/joint-surgery-2023-11-05/

Code of Federal Regulations. Title 21. TITLE 21--FOOD AND DRUGS, CHAPTER I--FOOD AND DRUG ADMINISTRATION, DEPARTMENT OF HEALTH AND HUMAN SERVICES, SUBCHAPTER H - MEDICAL DEVICES, PART 888 -- ORTHOPEDIC DEVICES, Subpart D - Prosthetic Devices, Sec. 888.3660 Shoulder joint metal/polymer semi-constrained cemented prosthesis. Retrieved 1.8.2024. https://www.accessdata.fda.gov/scripts/cdrh/cfdocs/cfcfr/cfrsearch.cfm?fr=888.3660

US Food and Drug Administration. Retrieved 1.8.2024. https://www.fda.gov/search?s=allograft+tissue+for+shoulder&sort_bef_combine=rel_DESC

Hayes, a symplr company. Evolving Evidence Review, Jul 12, 2023, GraftJacket Now (Stryker) for Shoulder Surgeries. 7.12.2023. Retrieved 1.8.2024.

https://evidence.hayesinc.com/search?q=%257B%2522text%2522:%2522resurfacing%2520with%2520allograft%2522,%2522title%2522:null,%2522termsource%2522:%2522searchbar%2522,%2522page%2522:%257B%2522page%2522:%2522size%2522:50%257D,%2522type%2522:%2522all%2522,%2522sources%2522:%255B%2522sources%2522:%255B%257B%2522field%2522:%2522 score%2522,%2522direction%2522:%2522desc%2522%257D%255D,%2522filters%2522:%255B%255D%257D

Centers for Medicare and Medicaid Services. CMS.gov. Retrieved 1.8.2024. https://www.cms.gov/medicare-coverage-database/view/lcd.aspx?lcdId=36039&ver=10

MCG, Informed Care Strategies. 27th edition. Retrieved 1.8.2024. https://careweb.careguidelines.com/ed27/index.html

Commonwealth of Virginia, Department of Medical Assistance Services. Retrieved 1.9.2024. https://vamedicaid.dmas.virginia.gov/pdf chapter/practitioner#gsc.tab=0&gsc.q=shoulder%20arthroscopy&gsc.so rt=

National Comprehensive Cancer Network. Retrieved 1.9.2024. https://www.nccn.org/search-result?indexCatalogue=nccn-search-index&searchQuery=shoulder%20resurfacing

Maeike, J, Patterson, D., Anthony, S., Parsons, B., Cagle, P. Soft tissue resurfacing for glenohumeral arthritis: a systematic review. Shoulder Elbow. 2020 Feb;12(1):3-11. Retrieved 1.9.2024. doi: 10.1177/1758573219849606

American Shoulder and Elbow Surgeons. Retrieved 1.9.2024. https://www.ases-assn.org/?s=shoulder+allograft&jet_ajax_search_settings=%7B%22results_order_by%22%3A%22relevance%22%2C%22search_source%22%3A%22any%22%7D

American Academy of Orthopedic Surgeons. Shoulder Joint Replacement. 9.2021. Retrieved 1.9.2024. https://orthoinfo.aaos.org/en/treatment/shoulder-joint-replacement/

Special Notes: *

This medical policy express Sentara Health Plan's determination of medically necessity of services, and they are based upon a review of currently available clinical information. These policies are used when no specific guidelines for coverage are provided by the Department of Medical Assistance Services of Virginia (DMAS). Medical Policies may be superseded by state Medicaid Plan guidelines. Medical policies are not a substitute for clinical judgment or for any prior authorization requirements of the health plan. These policies are not an explanation of benefits.

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Medical policies can be highly technical and complex and are provided here for informational purposes. These medical policies are intended for use by health care professionals. The medical policies do not constitute medical advice or medical care. Treating health care professionals are solely responsible for diagnosis, treatment and medical advice. Sentara Health Plan members should discuss the information in the medical policies with their treating health care professionals. Medical technology is constantly evolving and these medical policies are subject to change without notice, although Sentara Health Plan will notify providers as required in advance of changes that could have a negative impact on benefits.

The Early and Periodic Screening, Diagnostic and Treatment (EPSDT) covers services, products, or procedures for children, if those items are determined to be medically necessary to "correct or ameliorate" (make better) a defect, physical or mental illness, or condition (health problem) identified through routine medical screening or examination, regardless of whether coverage for the same service or support is an optional or limited service under the state plan. Children enrolled in the FAMIS Program are not eligible for all EPSDT treatment services. All requests for authorization for the services described by this medical policy will be reviewed per EPSDT guidelines. These services may be authorized under individual consideration for Medicaid members under the age of 21-years if the services are judged to by medically necessary to correct or ameliorate the member's condition. Department of Medical Assistance Services (DMAS), Supplement B - EPSDT (Early and Periodic Screening, Diagnosis and Treatment) Manual.

Keywords:

Shoulder/Elbow Joint Resurfacing Arthroplasty with Allograft Tissue, SHP Surgical 111, replacement, superficial layer, joint reconstruction, joint replacement, donor tissue, resurfacing, revision, elbow, shoulder, New arthroscopic biologic shoulder resurfacing

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