

Heartsbreath Test

Table of Content

<u>Purpose</u>

Description & Definitions

Criteria Coding

Document History

References

Special Notes

Keywords

Effective Date 10/2007

Next Review Date 2/15/2024

<u>Coverage Policy</u> Medical 257

Version 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 be 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 Heartsbreath Testing.

Description & Definitions:

Heartsbreath Test is a noninvasive test that measures a marker found in the breath of an individual to detect heart transplant rejection.

Criteria:

Heartsbreath Test is considered **not medically necessary** for uses other than those listed in the clinical criteria.

Coding:

Medically necessary with criteria:

Troubearly mocobbarly with orienta.	
Coding	Description
	None

Considered Not Medically Necessary:

Coding	Description
84999	Unlisted chemistry procedure

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

Medical 257 Page 1 of 3

Document History:

Revised Dates:

- 2020: January
- 2016: March, April
- 2015: April

Reviewed Dates:

- 2023: February
- 2022: February
- 2021: January
- 2018: October
- 2017: December
- 2015: March, November
- 2014: April
- 2013: April
- 2012: January
- 2011: July
- 2010: July
- 2009: July
- 2008: July

Effective Date:

October 2007

References:

Including but not limited to: Specialty Association Guidelines; Government Regulations; Winifred S. Hayes, Inc; UpToDate; Literature Review; Specialty Advisors; National Coverage Determination (NCD); Local Coverage Determination (LCD).

(2022). Retrieved Nov 23, 2022, from UpToDate:

https://www.uptodate.com/contents/search?search=Heartsbreath&sp=0&searchType=PLAIN_TEXT&source=USE R_INPUT&searchControl=TOP_PULLDOWN&searchOffset=1&autoComplete=false&language=&max=0&index= &autoCompleteTerm=&rawSentence=

(2022). Retrieved Nov 23, 2022, from European Society of Cardiology: https://www.escardio.org/Search?vgnextkeyword=Heartsbreath

(2022). Retrieved Nov 23, 2022, from American Heart Association: https://professional.heart.org/en/guidelines-and-statements/guidelines-and-statements-search

(2022). Retrieved Nov 23, 2022, from HAYES:

https://evidence.hayesinc.com/search?q=%257B%2522text%2522:%2522heart%2Fbreath%2522,%2522title%2522:null,%2522termsource%2522:%2522pubmedchecker%2522,%2522page%2522:%257B%2522page%2522:0,%2522size%2522:50%257D,%2522type%2522:%2522all%2522,%2522sources%2522:%255B%2522*%2522%255D,%2522sorts%2522:%255B%257B%2522field%2522:%2522_score%2522,%2522direction%2522:%2522desc%2522%257D%255D,%2522filters%2522:%255B%255D%257D

Breath test for Heart Transplant Rejection (Heartsbreath). (2022). Retrieved Nov 23, 2022, from Menssana: http://www.menssanaresearch.com/products_Heartsbreath_heart_transplant_rejection_Menssana.html

National Coverage Determination (NCD) Heartsbreath Test for Heart Transplant Rejection 260.10. (2008, Dec 8). Retrieved Nov 23, 2022, from Centers for Medicare & Medicaid Services NCD: https://www.cms.gov/medicare-coverage-database/view/ncd.aspx?ncdid=325

Medical 257 Page 2 of 3

NCD Heartsbreath Test for Heart Transplant Rejection (260.10) Version 1 (N26010v1). (2022). Retrieved Nov 23, 2022, from MCG 26th Edition: https://careweb.careguidelines.com/ed26/index.html

Procedure Fee Files & CPT Codes. (2022). Retrieved Nov 23, 2022, from Department of Medical Assistance Services: https://www.dmas.virginia.gov/for-providers/rates-and-rate-setting/procedure-fee-files-cpt-codes/

The Heartsbreath Test: Product Labeling for Physicians. (2022). Retrieved Nov 23, 2022, from FDA: https://www.accessdata.fda.gov/cdrh_docs/pdf3/h030004c.pdf

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.

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:

SHP Heartsbreath Test for Detection of Heart Transplant Rejection, SHP Medical 257, heart transplant, rejection, cardiac transplant, organ rejection, organ transplant

Medical 257 Page 3 of 3