

Bronchial Thermoplasty for the Treatment of Asthma

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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 the medical necessity of Bronchial Thermoplasty for the Treatment of Asthma.

Description & Definitions:

Bronchial Thermoplasty is the delivery of thermal energy into the airways through a thin flexible tube introduced through the nose or mouth to provide treatments to each lobe of the lung.

Criteria:

Bronchial Thermoplasty for the Treatment of Asthma is considered not medically necessary for any indication.

Coding:

Medically necessary with criteria:

Coding	Description
	None

Considered Not Medically Necessary:

Coding	Description
31660	Bronchoscopy, rigid or flexible, including fluoroscopic guidance, when performed; with bronchial thermoplasty, 1 lobe

31661	Bronchoscopy, rigid or flexible, including fluoroscopic guidance, when performed; with bronchial thermoplasty, 2 or more lobes
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U.S. Food and Drug Administration (FDA) - approved only products only.

Document History:

Revised Dates:

- 2021: May
- 2020: May, December
- 2016: April
- 2014: October, November
- 2013: March, October
- 2011: September

Reviewed Dates:

- 2023: January
- 2022: January
- 2021: January
- 2020: January
- 2018: December
- 2017: December
- 2016: August
- 2015: August
- 2014: August
- 2012: March
- 2011: March

Effective Date:

- December 2010

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).

2020 Focused Updates to the Asthma Management Guidelines. (2020, Dec 1). Retrieved Nov 8, 2022, from NATIONAL ASTHMA EDUCATION AND PREVENTION PROGRAM COORDINATING COMMITTEE EXPERT PANEL WORKING GROUP (NAEPPCC): [https://www.jacionline.org/article/s0091-6749\(20\)31404-4/fulltext](https://www.jacionline.org/article/s0091-6749(20)31404-4/fulltext)

(2022). Retrieved Nov 8, 2022, from CMS.gov: <https://www.cms.gov/medicare-coverage-database/search-results.aspx?keyword=Bronchial+Thermoplasty&keywordType=starts&areald=all&docType=NCA,CAL,NCD,MED,CAC,TA,MCD,6,3,5,1,F,P&contractOption=all>

(2022). Retrieved Nov 7, 2022, from DMAS: <https://www.dmas.virginia.gov/searchblox?query=bronchial+thermoplasty&page=1&pagesize=10&sort=relevance&sortdir=desc&default=AND&f.conenttype.size=10&f.colname.size=10&f.keywords.size=10&facet.field=contenttype&facet.field=keywords&public=true&tune=true&t>

2022 DIAGNOSIS AND MANAGEMENT OF DIFFICULT-TO-TREAT & SEVERE ASTHMA. (2022). Retrieved Nov 8, 2022, from Global Initiative for Asthma (GINA): <https://ginasthma.org/severeasthma/#>

Alair® Bronchial Thermoplasty System. (2013). Retrieved Nov 8, 2022, from Boston Scientific: https://www.bostonscientific.com/content/dam/bostonscientific/endo/portfolio-group/Bronchial%20Thermoplasty/135609_bronchial_thermoplasty_FINAL.pdf

Thermoplasty. (2022). Retrieved Nov 7, 2022, from MCG 26th Edition: <https://careweb.careguidelines.com/ed26/index.html>

Bronchial thermoplasty for severe asthma. (2018, Dec 19). Retrieved Nov 8, 2022, from National Institute for Health And Care Excellence (NICE) Guidelines: <https://www.nice.org.uk/guidance/ipg635>

Bronchial Thermoplasty for Treatment of Asthma in Adults - Jul 5, 2022. (n.d.). Retrieved Nov 8, 2022, from HAYES: <https://evidence.hayesinc.com/report/dir.alair2095>

Treatment of severe asthma in adolescents and adults. (2022, Oct 21). Retrieved Nov 8, 2022, from UpToDate: https://www.uptodate.com/contents/treatment-of-severe-asthma-in-adolescents-and-adults?sectionName=BRONCHIAL%20THERMOPLASTY&search=Bronchial%20Thermoplasty&topicRef=106085&anchor=H601983207&source=see_link#

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 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.*

Keywords:

SHP Bronchial Thermoplasty for Asthma, Exhaled Breath Condensate, EBC ph, Respiratory Diagnostics, Respiratory Treatments, Niox Mino Airway Inflammation Monitor, bronchial thermoplasty, lung disease, asthma, SHP Medical 285, Alair System, radiofrequency ablation