

Electromagnetic Navigational Bronchoscopy (ENB)

Policy ID:	HHO-DE-MP-1230
Approved By:	Highmark Health Options – Market Leadership
Provider Notice Date:	12/15/2021; 03/01/2023
Original Effective Date:	01/15/2022; 04/01/2023
Annual Approval Date:	12/22/2021; 12/28/2022
Last Revision Date:	12/22/2021; 12/28/2022
Products:	Medicaid
Application:	All participating hospitals and providers
Page Number(s):	1 of 3

Disclaimer

Highmark Health Options medical policy is intended to serve only as a general reference resource regarding coverage for the services described. This policy does not constitute medical advice and is not intended to govern or otherwise influence medical decisions.

POLICY STATEMENT

Electromagnetic navigation bronchoscopy (ENB) is intended to enhance standard bronchoscopy by providing a 3-dimensional roadmap of the lungs and real-time information about the position of the steerable probe during bronchoscopy. The purpose of ENB is to allow navigation to distal regions of the lungs, so that suspicious lesions can be biopsied and to allow fiducial markers placement.

DEFINITIONS

Highmark Health Options (HHO) – Managed care organization serving vulnerable populations that have complex needs and qualify for Medicaid. Highmark Health Options members include individuals and families with low income, expecting mothers, children, and people with disabilities. Members pay nothing to very little for their health coverage. Highmark Health Options currently serves Delaware Medicaid: Delaware Healthy Children Program (DHCP) and Diamond State Health Plan and Health Plan Plus members.

POLICY POSITION

Prior authorization is required.

When flexible bronchoscopy alone, or with endobronchial ultrasound, is considered inadequate to accomplish the diagnostic or interventional objective, electromagnetic navigation bronchoscopy (ENB) may be considered medically necessary to:

- Establish a diagnosis of suspicious peripheral pulmonary lesion(s) or
- To place fiducial markers within lung tumor(s) prior to treatment.

COVERED PROCEDURE CODES

CPT code	Description
31626	Bronchoscopy, rigid or flexible, including fluoroscopic guidance, when performed; with placement of fiducial markers, single or multiple.

31627	Bronchoscopy, Rigid or flexible, including fluoroscopic guidance, when performed; with computer -assisted, image-guided navigation (list separately in addition to code for primary procedure(s)).
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COVERED DIAGNOSIS CODES

Codes						
C34.00	C34.01	C34.02	C34.11	C34.12	C34.30	C34.31
C34.32	C34.80	C34.81	C34.82	C34.90	C34.91	C34.92

NONCOVERED SERVICES

Electronic navigational bronchoscopy is considered experimental/investigational and, therefore, non-covered because the safety and/or effectiveness of this service cannot be established by the available published peer-reviewed literature.

Members not meeting criteria in policy will be considered non covered for this service.

References

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Anderson F, Degn K, Rasmussen T. Electromagnetic navigation bronchoscopy for lung nodule evaluation. Patient selection, diagnostic variables, and safety. Clin Respir J. 2020; 14:557–563.

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POLICY UPDATE HISTORY

12/22/2021	Approved in Medical Policy Committee
01/2022	Approved in QI/UM
12/28/2022	Annual review; approved in Medical Policy Committee
01/03/2023	Approved in QI/UM