

Medical Drug Clinical Criteria

Subject: Libtayo (cemiplimab-rwlc)

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Overview

This document addresses the use of Libtayo (cemiplimab). Libtayo (cemiplimab) is a programmed death receptor-1 (PD-1) blocking antibody used to treat cutaneous squamous cell carcinoma (CSCC), basal cell carcinoma, and non-small cell lung cancer.

The FDA approved indications for Libtayo (cemiplimab):

- Metastatic CSCC or locally advanced CSCC who are not candidates for curative surgery or curative radiation
- Locally advanced or metastatic basal cell carcinoma (BCC) in those previously treated with a hedgehog pathway inhibitor, or for whom a hedgehog pathway inhibitor is not appropriate
- Unresectable locally advanced, or metastatic non-small cell lung cancer (NSCLC) as first line treatment in those with high PD-L1 expression [Tumor Proportion Score (TPS) \geq 50%] with no EGFR, ALK, or ROS1 mutations
- In combination with platinum-based chemotherapy for the first-line treatment of adults with NSCLC with no EGFR, ALK or ROS1 aberrations, and is locally advanced where patients are not candidates for surgical resection or definitive chemoradiation or metastatic.

The indication for metastatic BCC was approved under the FDA accelerated approval program, and continued approval is contingent upon verification of clinical benefit in confirmatory trials.

NCCN panel recommends that individuals with NSCLC be tested for actionable molecular markers, such as EGFR, ALK, ROS1, BRAF, NTRK, MET and RET mutations, before initiating first line therapy to help guide treatment. If there is insufficient tissue to allow testing for all of these markers, repeat biopsy and/or plasma testing should be done. If these are not feasible, treatment is guided by available results and, if unknown, these patients are treated as though they do not have driver oncogenes.

Definitions and Measures

ECOG or Eastern Cooperative Oncology Group Performance Status: A scale and criteria used by doctors and researchers to assess how an individual's disease is progressing, assess how the disease affects the daily living abilities of the individual, and determine appropriate treatment and prognosis. This scale may also be referred to as the WHO (World Health Organization) or Zubrod score which is based on the following scale:

- 0 = Fully active, able to carry on all pre-disease performance without restriction
- 1 = Restricted in physically strenuous activity but ambulatory and able to carry out work of a light or sedentary nature, for example, light house work, office work
- 2 = Ambulatory and capable of all self-care but unable to carry out any work activities. Up and about more than 50% of waking hours
- 3 = Capable of only limited self-care, confined to bed or chair more than 50% of waking hours
- 4 = Completely disabled. Cannot carry on any self-care. Totally confined to bed or chair
- 5 = Dead

Hedgehog pathway inhibitor: FDA-approved examples include vismodegib (Erivedge) and sonidegib (Odomzo)

Locally advanced cancer: Cancer that has spread only to nearby tissues or lymph nodes.

Metastasis: The spread of cancer from one part of the body to another; a metastatic tumor contains cells that are like those in the original (primary) tumor and have spread.

Clinical Criteria

When a drug is being reviewed for coverage under a member's medical benefit plan or is otherwise subject to clinical review (including prior authorization), the following criteria will be used to determine whether the drug meets any applicable medical necessity requirements for the intended/prescribed purpose.

Libtayo (cemiplimab-rwlc) injection

Requests for Libtayo (cemiplimab-rwlc) injection may be approved if the following criteria are met:

- I. Individual has a diagnosis of unresectable locally advanced, recurrent, or metastatic Basal Cell Carcinoma (BCC) (Label, NCCN 2A); **AND**
 - A. Individual is using as single agent for subsequent therapy; **AND**
 - B. Individual has confirmed disease progression on a hedgehog pathway inhibitor, or ineligible for treatment with a hedgehog pathway inhibitor; **AND**
 - C. Individual has a current ECOG performance status of 0-2; **AND**
 - D. Individual has not received treatment with another anti-PD-1 or anti-PD-L1 agent; **AND**
 - E. Individual is not receiving therapy for an autoimmune disease or chronic condition requiring treatment with a systemic immunosuppressant;
- OR**
- II. Individual has a diagnosis of Cutaneous Squamous Cell Carcinoma (CSCC) (Label, NCCN 2A); **AND**
 - A. One of the following:
 - 1. Individual is diagnosed with metastatic disease; **OR**
 - 2. Individual is diagnosed with locally advanced or locally recurrent disease; **OR**
 - 3. Individual is diagnosed with regional new or regional recurrent disease;
 - AND**
 - B. Individual is using as single agent; **AND**
 - C. Individual is not a candidate for curative surgery or radiation; **AND**
 - D. Individual has current ECOG performance status of 0-2; **AND**
 - E. Individual has not received treatment with another anti-PD-1 or anti-PD-L1 agent; **AND**
 - F. Individual is not receiving therapy for an autoimmune disease or chronic condition requiring treatment with a systemic immunosuppressant;
- OR**
- III. Individual has a diagnosis of locally advanced Non-Small Cell Lung Cancer (NSCLC); **AND**
 - A. Individual is using as single agent; **AND**
 - B. Individual is not a candidate for surgical resection or chemoradiation; **AND**
 - C. Individual has a tumor with PD-L1 gene expression with Tumor Proportion Score of greater than or equal to 50% (TPS \geq 50%); **AND**
 - D. Individual does not have presence of actionable molecular markers*; **AND**
 - E. Individual has a current ECOG performance status of 0-2; **AND**
 - F. Individual has not received treatment with another anti-PD-1 or anti-PD-L1 agent; **AND**
 - G. Individual is not receiving therapy for an autoimmune disease or chronic condition requiring treatment with a systemic immunosuppressant;
- OR**
- IV. Individual has a diagnosis of metastatic Non-Small Cell Lung Cancer (NSCLC) (Label, NCCN 1); **AND**
 - A. Individual is using as single agent; **AND**
 - B. Individual has a tumor with PD-L1 gene expression with Tumor Proportion Score of greater than or equal to 50% (TPS \geq 50%); **AND**
 - C. Individual does not have presence of actionable molecular markers*; **AND**
 - D. Individual has a current ECOG performance status of 0-2; **AND**
 - E. Individual has not received treatment with another anti-PD-1 or anti-PD-L1 agent; **AND**
 - F. Individual is not receiving therapy for an autoimmune disease or chronic condition requiring treatment with a systemic immunosuppressant;
- OR**
- V. Individual has a diagnosis of NSCLC; **AND**
 - A. One of the following:
 - 1. Individual has locally advanced disease where individual is not a candidate for surgical resection or definitive chemoradiation; **OR**
 - 2. Individual has metastatic disease; **AND**
 - B. Individual is using in combination with platinum-based chemotherapy; **AND**
 - C. Individual is using for first-line therapy; **AND**
 - D. Individual does not have presence of actionable molecular markers*; **AND**

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- E. Individual has a current ECOG performance status of 0-2; AND
F. Individual has not received treatment with another anti-PD-1 or anti-PD-L1 agent; AND
F-G. Individual is not receiving therapy for an autoimmune disease or chronic condition requiring treatment with a systemic immunosuppressant.

***Note:** Actionable molecular markers include EGFR, ALK, ROS1, BRAF, NTRK, MET and RET mutations. The NCCN panel recommends testing prior to initiating therapy to help guide appropriate treatment. If there is insufficient tissue to allow testing for all of these markers, repeat biopsy and/or plasma testing should be done. If these are not feasible, treatment is guided by available results and, if unknown, these patients are treated as though they do not have driver oncogenes (NCCN 1, 2A).

Libtayo (cemiplimab-rwlc) may not be approved when the above criteria are not met and for all other indications.

Coding

The following codes for treatments and procedures applicable to this document are included below for informational purposes. Inclusion or exclusion of a procedure, diagnosis or device code(s) does not constitute or imply member coverage or provider reimbursement policy. Please refer to the member's contract benefits in effect at the time of service to determine coverage or non-coverage of these services as it applies to an individual member.

HCPCS

J9119 Injection, cemiplimab-rwlc, 1 mg [Libtayo]

ICD-10 Diagnosis

C34.90-C34.92 Malignant neoplasm of unspecified part of bronchus or lung
 C44.00-C44.99 Other and unspecified malignant neoplasm of skin

Document History

Revised: 12/12/2022

Document History:

- 12/12/2022 – Select Review: Add FDA approved use for combination use with platinum-based chemotherapy in first-line therapy for NSCLC, either locally advanced disease or metastatic disease. Coding Reviewed: No changes.
- 05/20/2022 – Annual Review: Add CSCC local recurrence, regional new, recurrent disease. Coding Reviewed: No changes.
- 05/21/2021 – Annual Review: Update BCC criteria to specify use in unresectable locally advanced disease. Update NSCLC criteria to specify any actionable molecular marker with a note to further expand on definition and marker testing. Wording, formatting, and reference updates. Coding Reviewed: No changes.
- 03/15/2021 – Select Review: Update criteria to add indications for basal cell carcinoma and non-small cell lung cancer per label. Clarify use as single agent in cutaneous squamous cell carcinoma per NCCN and clinical trials. Retire quantity limits. Wording and formatting changes. Coding Reviewed: Added ICD-10-CM C34.90-C34.92.
- 05/15/2020 – Annual Review: Wording and formatting changes. Coding review: No changes
- 08/16/2019 – Annual Review: Add new quantity limit per FDA label. Update criteria to add ECOG status, prior use of other anti-PD-1/PD-L1 agents, and history of immunosuppression for consistency. Coding Review: Added HCPCS J9119. Added ICD-10 C44.00-C44.99

References

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 - a. Basal Cell Skin Cancer. V2.2022. Revised March 24, 2022.
 - b. Non-Small Cell Lung Cancer. V2.2022. Revised March 7, 2022.
 - c. Squamous Cell Skin Cancer. V1.2022. Revised November 17, 2021.

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