Evolent Clinical Guideline 3149 for Tivdak™ (tisotumab vedotin-tftv)

Guideline Number:	Applicable Codes	
Evolent_CG_3149		
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Original Date:	**Last Revised Date:**	**Implementation Date:**
October 2021	July 2026	July 2026

TABLE OF CONTENTS

STATEMENT **2**
PURPOSE 2
INDICATIONS **2**
CERVICAL CANCER 2
CONTRAINDICATIONS/WARNINGS **2**
EXCLUSION CRITERIA **3**
CODING AND STANDARDS **3**
CODES 3
APPLICABLE LINES OF BUSINESS 4
POLICY HISTORY **4**
LEGAL AND COMPLIANCE **4**
GUIDELINE APPROVAL 4
Committee *4*
DISCLAIMER 4
REFERENCES **6**

STATEMENT

Purpose

To define and describe the accepted indications for Tivdak (tisotumab vedotin-tftv) usage in the treatment of cancer, including FDA approved indications, and off-label indications.

Evolent is responsible for processing all medication requests from network ordering providers. Medications not authorized by Evolent may be deemed as not approvable and therefore not reimbursable.

The use of this drug must be supported by one of the following: FDA approved product labeling, CMS-approved compendia, National Comprehensive Cancer Network (NCCN), American Society of Clinical Oncology (ASCO) clinical guidelines, or peer-reviewed literature that meets the requirements of the CMS Medicare Benefit Policy Manual Chapter 15.

INDICATIONS

Continuation requests for a not-approvable medication shall be exempt from this Evolent policy provided

- The member has not experienced disease progression on the requested medication AND
- The requested medication was used within the last year without a lapse of more than 30 days of having an active authorization AND
- Additional medication(s) are not being added to the continuation request.

Cervical Cancer

- Tivdak (tisotumab vedotin-tftv) may be used as monotherapy in members with recurrent or metastatic cervical cancer with disease progression on or after platinum containing therapy AND, prior therapy with Keytruda (pembrolizumab) if member's tumor was PD-L1 positive (CPS greater than or equal to 1%). If member's tumor was PD-L1 negative (CPS less than 1%), then prior therapy with Keytruda (pembrolizumab) is not required.

CONTRAINDICATIONS/WARNINGS

- US Boxed Warning
    - Tisotumab vedotin-tftv can cause severe ocular toxicities resulting in changes in vision, including severe vision loss, and corneal ulceration. Conduct an ophthalmic exam, including an assessment of ocular symptoms, visual acuity, and slit lamp exam of the anterior segment of the eye prior to initiation of tisotumab vedotin, prior to every cycle for the first nine cycles, and as clinically indicated. Adhere to the required premedication and eye care before, during, and after infusion. Withhold tisotumab vedotin-tftv until improvement and resume, reduce the dose, or

permanently discontinue, based on severity.

EXCLUSION CRITERIA

- Disease progression while taking Tivdak (tisotumab vedotin-tftv).
- Concurrent use of other anticancer therapies.
- Dosing exceeds single dose limit of Tivdak (tisotumab vedotin-tftv) 2 mg/kg (up to a maximum of 200 mg for weight greater than or equal to 100 kg).
- Investigational use of Tivdak (tisotumab vedotin-tftv) with an off-label indication that is not sufficient in evidence or is not generally accepted by the medical community. Sufficient evidence that is not supported by CMS recognized compendia or acceptable peer reviewed literature is defined as any of the following:
  - Whether the clinical characteristics of the patient and the cancer are adequately represented in the published evidence.
  - Whether the administered chemotherapy/biologic therapy/immune therapy/targeted therapy/other oncologic therapy regimen is adequately represented in the published evidence.
  - Whether the reported study outcomes represent clinically meaningful outcomes experienced by patients. Generally, the definitions of Clinically Meaningful outcomes are those recommended by ASCO, e.g., Hazard Ratio of less than 0.80 and the recommended survival benefit for OS and PFS should be at least 3 months.
  - Whether the experimental design, considering the drugs and conditions under investigation, is appropriate to address the investigative question. (For example, in some clinical studies, it may be unnecessary or not feasible to use randomization, double blind trials, placebos, or crossover).
  - That non-randomized clinical trials with a significant number of subjects may be a basis for supportive clinical evidence for determining accepted uses of drugs.
  - That case reports are generally considered uncontrolled and anecdotal information and do not provide adequate supportive clinical evidence for determining accepted uses of drugs.
  - That abstracts (including meeting abstracts) without the full article from the approved peer-reviewed journals lack supporting clinical evidence for determining accepted uses of drugs.

CODING AND STANDARDS

Codes

- J9273 - Injection, tisotumab vedotin-tftv, 1 mg

Applicable Lines of Business

☐	CHIP (Children's Health Insurance Program)
☒	Commercial
☒	Exchange/Marketplace
☒	Medicaid
☐	Medicare Advantage

POLICY HISTORY

Date	Summary
July 2026	• Updated references
July 2025	• Converted to new Evolent guideline template • This guideline replaces UM ONC_1449 Tivdak (tisotumab vedotin-tftv) • Updated references
July 2024	• Updated NCH verbiage to Evolent

LEGAL AND COMPLIANCE

Guideline Approval

Committee

Reviewed / Approved by Evolent Specialty Services Clinical Guideline Review Committee

Disclaimer

Evolent Clinical Guidelines do not constitute medical advice. Treating health care professionals are solely responsible for diagnosis, treatment, and medical advice. Evolent uses Clinical Guidelines in accordance with its contractual obligations to provide utilization management. Coverage for services varies for individual members according to the terms of their health care coverage or government program. Individual members' health care coverage may not utilize some Evolent Clinical Guidelines. Evolent clinical guidelines contain guidance that requires prior authorization and service limitations. A list of procedure codes, services or

drugs may not be all inclusive and does not imply that a service or drug is a covered or non-covered service or drug. Evolent reserves the right to review and update this Clinical Guideline in its sole discretion. Notice of any changes shall be provided as required by applicable provider agreements and laws or regulations. Members should contact their Plan customer service representative for specific coverage information.

REFERENCES

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