

Tivdak™ (tisotumab vedotin-tftv) (Intravenous)

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Document Number: IC-0656

Last Review Date: 05/02/2022

Date of Origin: 02/01/2022

Dates Reviewed: 02/2022, 04/2022, 05/2022

I. Length of Authorization

Coverage will be provided for six months and may be renewed.

II. Dosing Limits

A. Quantity Limit (max daily dose) [NDC Unit]:

- Tivdak 40 mg single-dose vial: 5 vials every 21 days

B. Max Units (per dose and over time) [HCPCS Unit]:

- 200 billable units (200 mg) every 21 days

III. Initial Approval Criteria ¹

Coverage is provided in the following conditions:

- Patient at least 18 years of age; **AND**

Universal Criteria ¹

- Patient does not have active ocular surface disease or a history of cicatricial conjunctivitis; **AND**
- Patient has not had prior Steven-Johnson syndrome; **AND**
- Patient does not have Grade ≥ 2 peripheral neuropathy; **AND**
- Patient does not have known coagulation defects leading to an increased risk of bleeding; **AND**
- Patient has had an ophthalmic exam (i.e., visual acuity and slit lamp exam) at baseline, prior to each dose, and as clinically indicated; **AND**
- Used as single agent therapy; **AND**

Cervical Cancer † ¹⁻³

- Used as subsequent therapy; **AND**
- Patient has recurrent or metastatic disease; **AND**
- Patient has not received more than two prior systemic regimens including at least one prior platinum-based chemotherapy regimen

Preferred therapies and recommendations are determined by review of clinical evidence. NCCN category of recommendation is taken into account as a component of this review. Regimens deemed equally efficacious (i.e., those having the same NCCN categorization) are considered to be therapeutically equivalent.

† FDA approved indication(s); ‡ Compendia Recommended Indication(s); Ⓢ Orphan Drug

IV. Renewal Criteria ¹

Coverage can be renewed based upon the following criteria:

- Patient continues to meet universal and other indication-specific relevant criteria such as concomitant therapy requirements (not including prerequisite therapy), performance status, etc. identified in section III; **AND**
- Disease response with treatment as defined by stabilization of disease or decrease in size of tumor or tumor spread; **AND**
- Absence of unacceptable toxicity from the drug. Examples of unacceptable toxicity include: peripheral neuropathy, hemorrhage, recurrent or persistent grade 2 or greater pneumonitis, ocular adverse reactions (e.g., conjunctival adverse reactions, dry eye, corneal adverse reactions, blepharitis, ulcerative keratitis, etc.), etc.

V. Dosage/Administration ¹

Indication	Dose
Cervical Cancer	Administer 2 mg/kg (up to a maximum of 200 mg) by intravenous infusion every 3 weeks until disease progression or unacceptable toxicity.

VI. Billing Code/Availability Information

HCPCS Code:

- J9273 – Injection, tisotumab vedotin-tftv, 1 mg; 1 billable unit = 1 mg

NDC:

- Tivdak 40 mg as a lyophilized cake or powder in a single-dose vial for reconstitution: 51144-0003-xx

VII. References (STANDARD)

1. Tivdak [package insert]. Bothell, WA; Seagen, Inc; January 2022. Accessed April 2022.
2. Referenced with permission from the NCCN Drugs & Biologics Compendium (NCCN Compendium[®]) tisotumab vedotin. National Comprehensive Cancer Network, 2022. The NCCN Compendium[®] is a derivative work of the NCCN Guidelines[®]. NATIONAL COMPREHENSIVE CANCER NETWORK[®], NCCN[®], and NCCN GUIDELINES[®] are trademarks owned by the National Comprehensive Cancer Network, Inc. To view the most

recent and complete version of the Compendium, go online to NCCN.org. Accessed April 2022.

3. Coleman RL, Lorusso D, Gennigens C, et al; innovaTV 204/GOG-3023/ENGOT-cx6 Collaborators. Efficacy and safety of tisotumab vedotin in previously treated recurrent or metastatic cervical cancer (innovaTV 204/GOG-3023/ENGOT-cx6): a multicentre, open-label, single-arm, phase 2 study. *Lancet Oncol.* 2021 May;22(5):609-619. doi: 10.1016/S1470-2045(21)00056-5. Epub 2021 Apr 9.

VIII. References (ENHANCED)

- 1e. Referenced with permission from the NCCN Drugs & Biologics Compendium (NCCN Compendium®) Cervical Cancer. Version 1.2022. National Comprehensive Cancer Network, 2022. The NCCN Compendium® is a derivative work of the NCCN Guidelines®. NATIONAL COMPREHENSIVE CANCER NETWORK®, NCCN®, and NCCN GUIDELINES® are trademarks owned by the National Comprehensive Cancer Network, Inc. To view the most recent and complete version of the Compendium, go online to NCCN.org. Accessed April 2022.
- 2e. Magellan Health, Magellan Rx Management. Tivdak Clinical Literature Review Analysis. Last updated April 2022. Accessed April 2022.

Appendix 1 – Covered Diagnosis Codes

ICD-10	ICD-10 Description
C53.0	Malignant neoplasm of endocervix
C53.1	Malignant neoplasm of exocervix
C53.8	Malignant neoplasm of overlapping sites of cervix uteri
C53.9	Malignant neoplasm of cervix uteri, unspecified

Appendix 2 – Centers for Medicare and Medicaid Services (CMS)

Medicare coverage for outpatient (Part B) drugs is outlined in the Medicare Benefit Policy Manual (Pub. 100-2), Chapter 15, §50 Drugs and Biologicals. In addition, National Coverage Determination (NCD), Local Coverage Determinations (LCDs), and Local Coverage Articles (LCAs) may exist and compliance with these policies is required where applicable. They can be found at: <https://www.cms.gov/medicare-coverage-database/search.aspx>. Additional indications may be covered at the discretion of the health plan.

Medicare Part B Covered Diagnosis Codes (applicable to existing NCD/LCD/LCA): N/A

Medicare Part B Administrative Contractor (MAC) Jurisdictions		
Jurisdiction	Applicable State/US Territory	Contractor
E (1)	CA, HI, NV, AS, GU, CNMI	Noridian Healthcare Solutions, LLC
F (2 & 3)	AK, WA, OR, ID, ND, SD, MT, WY, UT, AZ	Noridian Healthcare Solutions, LLC

Medicare Part B Administrative Contractor (MAC) Jurisdictions

Jurisdiction	Applicable State/US Territory	Contractor
5	KS, NE, IA, MO	Wisconsin Physicians Service Insurance Corp (WPS)
6	MN, WI, IL	National Government Services, Inc. (NGS)
H (4 & 7)	LA, AR, MS, TX, OK, CO, NM	Novitas Solutions, Inc.
8	MI, IN	Wisconsin Physicians Service Insurance Corp (WPS)
N (9)	FL, PR, VI	First Coast Service Options, Inc.
J (10)	TN, GA, AL	Palmetto GBA, LLC
M (11)	NC, SC, WV, VA (excluding below)	Palmetto GBA, LLC
L (12)	DE, MD, PA, NJ, DC (includes Arlington & Fairfax counties and the city of Alexandria in VA)	Novitas Solutions, Inc.
K (13 & 14)	NY, CT, MA, RI, VT, ME, NH	National Government Services, Inc. (NGS)
15	KY, OH	CGS Administrators, LLC