Trodelvy[®] (sacituzumab govitecan-hziy) (Intravenous)



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I. Length of Authorization

Coverage will be provided for 6 months and may be renewed.

II. Dosing Limits

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

• 864 billable units every 21 days

III. Initial Approval Criteria ¹

Coverage is provided in the following conditions:

• Patient is at least 18 years of age; AND

Universal Criteria 1

- Therapy will NOT be substituted for or used in combination with irinotecan; AND
- Patients that are homozygous for the uridine diphosphate-glucuronosyl transferase 1A1 (UGT1A1)*28 allele will be closely monitored for adverse reactions; AND
- Therapy will not be used in combination with UGT1A1 inhibitors (e.g., nilotinib, regorafenib, etc.) or inducers (e.g., phenytoin, carbamazepine, etc.); AND
- Used as a single agent; AND

Breast Cancer † ‡ 1-3

Patient has triple-negative breast cancer [TNBC] Ψ (i.e., estrogen, progesterone, and HER2-negative);

Patient was previously treated with at least two systemic therapies (including a taxane, unless contraindicated), at least one of them for metastatic disease; **AND**

Patient has unresectable locally advanced disease; OR

Patient has recurrent unresectable or metastatic disease OR inflammatory breast cancer with no response to preoperative systemic therapy (Ω for inflammatory breast cancer); **OR**

- Patient has hormone receptor (HR)-positive and human epidermal growth factor receptor 2 (HER2)-negative disease*; AND
 - Patient has received prior treatment including endocrine therapy, a CDK4/6 inhibitor (e.g., palbociclib, ribociclib, abemaciclib, etc.), and at least two lines of chemotherapy (including a taxane) at least one of which was in the metastatic setting; AND

Patient has unresectable locally advanced or metastatic disease; OR

Patient has recurrent unresectable disease OR inflammatory breast cancer with no response to preoperative systemic therapy \ddagger (Ω for inflammatory breast cancer); AND

Patient is not a candidate for fam-trastuzumab deruxtecan

** Note: 12-14

- Cisplatin-ineligible comorbidities may include the following: CrCl < 60 mL/min, ECOG PS ≥ 2 or KPS ≤ 70%, hearing loss of ≥ 25 decibels (dB) at two contiguous frequencies, grade ≥ 2 peripheral neuropathy, or NYHA Heart Failure class ≥ 3. Carboplatin may be substituted for cisplatin in the metastatic setting for cisplatin-ineligible patients such as those with a GFR less than 60 mL/min.</p>
- Platinum-ineligible comorbidities may include the following: CrCl < 30 mL/min, ECOG PS ≥ 3, grade ≥ 2 peripheral neuropathy, or NYHA Heart Failure class > 3, etc.

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.

*HER2-negative expression criteria: 3,8

- Immunohistochemistry (IHC) assay is 0 or 1+; OR
- Dual-probe in situ hybridization (ISH) assay indicating (Group 5) HER2/CEP17 ratio <2.0 AND average HER2 copy number <4.0 signals/cell; OR
- Concurrent dual-probe ISH and IHC assay results indicating one of the following:
 - o (Group 2) HER2/CEP17 ratio ≥2.0 AND average HER2 copy number <4.0 signals/cell and concurrent IHC 0-1+ or 2+; **OR**
 - (Group 3) HER2/CEP17 ratio <2.0 AND average HER2 copy number ≥6.0 signals/cell and concurrent IHC 0-1+; OR

o (Group 4) HER2/CEP17 ratio <2.0 AND average HER2 copy number ≥4.0 and <6.0 signals/cell and concurrent IHC 0-1+ or 2+

Ψ ER Scoring Interpretation (following ER testing by validated IHC assay)

| Results | Interpretation |
|---|-------------------------------|
| - 0% - <1% of nuclei stain | ER-negative |
| 1%–10% of nuclei stain | – ER-low–positive* |
| - >10% of nuclei stain | – ER-positive |

^{*}Note: Invasive cancers with between 1%–10% ER positivity are considered ER-low–positive. However, this group is noted to be heterogeneous and the biologic behavior of ER-low–positive cancers may be more similar to ER-negative cancers. This should be considered in decision making for other adjuvant therapy and overall treatment pathway.

 Ω Please note that the supporting data for this indication has been assessed and deemed to be of insufficient quality based on the review conducted for the Enhanced Oncology Value (EOV) program. However, due to the absence of viable alternative treatment options, this indication will be retained in our policy and evaluated on a case-by-case basis.

† FDA Approved Indication(s); ‡ Compendia Recommended Indication(s); ♠ Orphan Drug

IV. Renewal Criteria ¹

Coverage may be renewed based upon the following criteria:

- Patient continues to meet the 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: severe hypersensitivity and infusion-related reactions (including anaphylactic reactions), severe nausea/vomiting, severe neutropenia/febrile neutropenia, severe anemia, severe diarrhea, etc.

V. Dosage/Administration ¹

| Indication | Dose |
|-----------------|--|
| | Administer 10 mg/kg as an intravenous infusion once weekly on Days 1 and 8 of 21-day treatment |
| All indications | cycles. Continue treatment until disease progression or unacceptable toxicity. Do not administer |
| | doses greater than 10 mg/kg. |

VI. Billing Code/Availability Information

HCPCS Code:

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• J9317 – Injection, sacituzumab govitecan-hziy, 2.5 mg; 1 billable unit = 2.5 mg

NDC:

• Trodelvy 180 mg lyophilized powder in a single-dose vial: 55135-0132-xx

VII. References (STANDARD)

- 1. Trodelvy [package insert]. Foster City, CA; Gilead Sciences, Inc.; November 2024. Accessed January 2025.
- 2. Referenced with permission from the NCCN Drugs & Biologics Compendium (NCCN Compendium®) sacituzumab govitecan. National Comprehensive Cancer Network, 2025. 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 January 2025.
- 3. Referenced with permission from the NCCN Clinical Practice Guidelines in Oncology (NCCN Guidelines®) for Breast Cancer 6.2024. National Comprehensive Cancer Network, 2025. 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 Guidelines, go online to NCCN.org. Accessed January 2025.
- 4. Fahrenbruch R, Kintzel P, Bott AM, et al. Dose Rounding of Biologic and Cytotoxic Anticancer Agents: A Position Statement of the Hematology/Oncology Pharmacy Association. J Oncol Pract. 2018 Mar;14(3):e130-e136.
- 5. Hematology/Oncology Pharmacy Association (2019). *Intravenous Cancer Drug Waste Issue Brief*. Retrieved from http://www.hoparx.org/images/hopa/advocacy/Issue-Briefs/Drug_Waste_2019.pdf
- 6. Bach PB, Conti RM, Muller RJ, et al. Overspending driven by oversized single dose vials of cancer drugs. BMJ. 2016 Feb 29;352:i788.
- 7. Bardia A, Mayer IA, Vahdat LT, et al. Sacituzumab Govitecan-hziy in Refractory Metastatic Triple-Negative Breast Cancer. N Engl J Med. 2019 Feb 21;380(8):741-751. doi: 10.1056/NEJMoa1814213.
- 8. Wolff AC, Hammond EH, Allison KH, et al. Human epidermal growth factor receptor 2 testing in breast cancer: American Society of Clinical Oncology/College of American Pathologists Clinical Practice Guideline Focused Update. J Clin Oncol 2018;36:2105-2122.
- 9. Allison KH, Hammond EH, Dowsett M, et al. Estrogen and Progesterone Receptor Testing in Breast Cancer: ASCO/CAP Guideline Update. J Clin Oncol 38:1346-1366.
- 10. Tagawa S, Balar A, Petrylak, et al. TROPHY-U-01: A Phase II Open-Label Study of Sacituzumab Govitecan in Patients With Metastatic Urothelial Carcinoma Progressing After Platinum-Based

- Chemotherapy and Checkpoint Inhibitors. J Clin Oncol. 2021 Aug 1;39(22):2474-2485. doi: 10.1200/JCO.20.03489. Epub 2021 Apr 30.
- 11. Rugo HS, Bardia A, Marme F, et al. Sacituzumab Govitecan in Hormone Receptor-Positive/Human Epidermal Growth Factor Receptor 2-Negative Metastatic Breast Cancer. J Clin Oncol. 2022 Oct 10;40(29):3365-3376. doi: 10.1200/JCO.22.01002. Epub 2022 Aug 26.
- 12. Referenced with permission from the NCCN Drugs & Biologics Compendium (NCCN Compendium®) Bladder Cancer. Version 6.2024. National Comprehensive Cancer Network, 2025. 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 January 2025.
- 13. Bellmunt, J. (2024). Treatment of metastatic urothelial cancer of the bladder and urinary tract. In Lerner SP, Shah S (Eds.), *UptoDate*. Last updated: February 7, 2024. Accessed February 20, 2024. Available from https://www.uptodate.com/contents/treatment-of-metastatic-urothelial-cancer-of-the-bladder-and-urinary-tract?search=cisplatin%20ineligible&source=search_result&selectedTitle=1~150&usage_type=d efault&display_rank=1_
- 14. Gupta S, Bellmunt J, Plimack ER, et al. Defining "platinum-ineligible" patients with metastatic urothelial cancer (mUC). J Clin Oncol. 2022 June 1;40(16 suppl):4577.

VIII. References (ENHANCED)

- 1e. Loriot Y, Necchi Am, Park SH, et al. Erdafitinib in Locally Advanced or Metastatic Urothelial Carcinoma. N Engl J Med 2019; 381:338-348.
- 2e. Sideris S, Aoun F, Zanaty M, et al. Efficacy of weekly paclitaxel treatment as a single agent chemotherapy following first-line cisplatin treatment in urothelial bladder cancer. Mol Clin Oncol. 2016 Jun;4(6):1063-1067. doi: 10.3892/mco.2016.821. Epub 2016 Mar 17.
- McCaffrey JA, Hilton S, Mazumdar M, et al. Phase II trial of docetaxel in patients with advanced or metastatic transitional-cell carcinoma. J Clin Oncol. 1997 May;15(5):1853-7. doi: 10.1200/JCO.1997.15.5.1853.
- 4e. Grivas P, Powles TB, Vulsteke C, et al. LBA9 TROPiCS-04, a randomized phase III study of sacituzumab govitecan (SG) vs chemotherapy (CT) in pretreated advanced urothelial carcinoma (aUC): Overall survival (OS) and safety analysis. Annals of Oncology. 2024 December; 35(4): S1505 S1507.
- 5e. Prime Therapeutics Management. Trodelvy Clinical Literature Review Analysis. Last updated January 2025. Accessed January 2025.

Appendix 1 – Covered Diagnosis Codes

| ICD-10 | ICD-10 Description |
|---------|---|
| C50.011 | Malignant neoplasm of nipple and areola, right female breast |
| C50.012 | Malignant neoplasm of nipple and areola, left female breast |
| C50.019 | Malignant neoplasm of nipple and areola, unspecified female breast |
| C50.021 | Malignant neoplasm of nipple and areola, right male breast |
| C50.022 | Malignant neoplasm of nipple and areola, left male breast |
| C50.029 | Malignant neoplasm of nipple and areola, unspecified male breast |
| C50.111 | Malignant neoplasm of central portion of right female breast |
| C50.112 | Malignant neoplasm of central portion of left female breast |
| C50.119 | Malignant neoplasm of central portion of unspecified female breast |
| C50.121 | Malignant neoplasm of central portion of right male breast |
| C50.122 | Malignant neoplasm of central portion of left male breast |
| C50.129 | Malignant neoplasm of central portion of unspecified male breast |
| C50.211 | Malignant neoplasm of upper-inner quadrant of right female breast |
| C50.212 | Malignant neoplasm of upper-inner quadrant of left female breast |
| C50.219 | Malignant neoplasm of upper-inner quadrant of unspecified female breast |
| C50.221 | Malignant neoplasm of upper-inner quadrant of right male breast |
| C50.222 | Malignant neoplasm of upper-inner quadrant of left male breast |
| C50.229 | Malignant neoplasm of upper-inner quadrant of unspecified male breast |
| C50.311 | Malignant neoplasm of lower-inner quadrant of right female breast |
| C50.312 | Malignant neoplasm of lower-inner quadrant of left female breast |
| C50.319 | Malignant neoplasm of lower-inner quadrant of unspecified female breast |
| C50.321 | Malignant neoplasm of lower-inner quadrant of right male breast |
| C50.322 | Malignant neoplasm of lower-inner quadrant of left male breast |
| C50.329 | Malignant neoplasm of lower-inner quadrant of unspecified male breast |
| C50.411 | Malignant neoplasm of upper-outer quadrant of right female breast |
| C50.412 | Malignant neoplasm of upper-outer quadrant of left female breast |
| C50.419 | Malignant neoplasm of upper-outer quadrant of unspecified female breast |
| C50.421 | Malignant neoplasm of upper-outer quadrant of right male breast |
| C50.422 | Malignant neoplasm of upper-outer quadrant of left male breast |
| C50.429 | Malignant neoplasm of upper-outer quadrant of unspecified male breast |
| C50.511 | Malignant neoplasm of lower-outer quadrant of right female breast |

| C50.512 | Malignant neoplasm of lower-outer quadrant of left female breast | |
|---------|---|--|
| C50.519 | Malignant neoplasm of lower-outer quadrant of unspecified female breast | |
| C50.521 | Malignant neoplasm of lower-outer quadrant of right male breast | |
| C50.522 | Malignant neoplasm of lower-outer quadrant of left male breast | |
| C50.529 | Malignant neoplasm of lower-outer quadrant of unspecified male breast | |
| C50.611 | Malignant neoplasm of axillary tail of right female breast | |
| C50.612 | Malignant neoplasm of axillary tail of left female breast | |
| C50.619 | Malignant neoplasm of axillary tail of unspecified female breast | |
| C50.621 | Malignant neoplasm of axillary tail of right male breast | |
| C50.622 | Malignant neoplasm of axillary tail of left male breast | |
| C50.629 | Malignant neoplasm of axillary tail of unspecified male breast | |
| C50.811 | Malignant neoplasm of overlapping sites of right female breast | |
| C50.812 | Malignant neoplasm of overlapping sites of left female breast | |
| C50.819 | Malignant neoplasm of overlapping sites of unspecified female breast | |
| C50.821 | Malignant neoplasm of overlapping sites of right male breast | |
| C50.822 | Malignant neoplasm of overlapping sites of left male breast | |
| C50.829 | Malignant neoplasm of overlapping sites of unspecified male breast | |
| C50.911 | Malignant neoplasm of unspecified site of right female breast | |
| C50.912 | Malignant neoplasm of unspecified site of left female breast | |
| C50.919 | Malignant neoplasm of unspecified site of unspecified female breast | |
| C50.921 | Malignant neoplasm of unspecified site of right male breast | |
| C50.922 | Malignant neoplasm of unspecified site of left male breast | |
| C50.929 | Malignant neoplasm of unspecified site of unspecified male breast | |
| Z85.3 | Personal history of malignant neoplasm of breast | |

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

The preceding information is intended for non-Medicare coverage determinations. 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 Determinations (NCDs) and/or Local Coverage Determinations (LCDs) may exist and compliance with these policies is required where applicable. Local Coverage Articles (LCAs) may also exist for claims payment purposes or to clarify benefit eligibility under Part B for drugs which may be self-administered. The following link may be used to search for NCD, LCD, or LCA documents https://www.cms.gov/medicare-coverage-database/search.aspx. Additional indications, including any preceding information, may be applied 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 |
| 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 |
| M (11) | NC, SC, WV, VA (excluding below) | Palmetto GBA |
| 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 |