

## **Clinical Policy: Vorinostat (Zolinza)**

Reference Number: CP.PHAR.83

Effective Date: 12.01.12

Last Review Date: 08.18

Line of Business: Commercial, Medicaid

[Revision Log](#)

See [Important Reminder](#) at the end of this policy for important regulatory and legal information.

### **Description**

Vorinostat (Zolinza<sup>®</sup>) is a histone deacetylase (HDAC) inhibitor.

### **FDA Approved Indication(s)**

Zolinza is indicated for the treatment of cutaneous manifestations in patients with cutaneous T-cell lymphoma (CTCL) who have progressive, persistent or recurrent disease on or following two systemic therapies.

### **Policy/Criteria**

*Provider must submit documentation (such as office chart notes, lab results or other clinical information) supporting that member has met all approval criteria.*

It is the policy of health plans affiliated with Centene Corporation<sup>®</sup> that Zolinza is **medically necessary** when the following criteria are met:

## **I. Initial Approval Criteria**

### **A. Cutaneous T-Cell Lymphoma (must meet all):**

1. Diagnosis of CTCL;
2. Prescribed by or in consultation with an oncologist;
3. Age  $\geq$  18 years;
4. Dose does not exceed 400 mg/day (4 capsules per day).

#### **Approval duration:**

**Medicaid** – 6 months

**Commercial** – Length of Benefit

### **B. Other diagnoses/indications**

1. Refer to the off-label use policy for the relevant line of business if diagnosis is NOT specifically listed under section III (Diagnoses/Indications for which coverage is NOT authorized): CP.CPA.09 for commercial and CP.PMN.53 for Medicaid.

## **II. Continued Therapy**

### **A. Cutaneous T-Cell Lymphoma (must meet all):**

1. Currently receiving medication via Centene benefit, or documentation supports that member is currently receiving Zolinza for CTCL and has received this medication for at least 30 days;
2. Member is responding positively to therapy;

3. If request is for a dose increase, new dose does not exceed 400 mg/day (4 capsules per day).

**Approval duration:**

**Medicaid** – 12 months

**Commercial** – Length of Benefit

**B. Other diagnoses/indications (must meet 1 or 2):**

1. Currently receiving medication via Centene benefit and documentation supports positive response to therapy.

**Approval duration: Duration of request or 6 months (whichever is less);** or

2. Refer to the off-label use policy for the relevant line of business if diagnosis is NOT specifically listed under section III (Diagnoses/Indications for which coverage is NOT authorized): CP.CPA.09 for commercial and CP.PMN.53 for Medicaid.

**III. Diagnoses/Indications for which coverage is NOT authorized:**

- A. Non-FDA approved indications, which are not addressed in this policy, unless there is sufficient documentation of efficacy and safety according to the off label use policies – CP.CPA.09 for commercial and CP.PMN.53 for Medicaid or evidence of coverage documents.

**IV. Appendices/General Information**

*Appendix A: Abbreviation/Acronym Key*

CTCL: cutaneous T-cell lymphoma

FDA: Food and Drug Administration

HDAC: histone deacetylase

*Appendix B: Therapeutic Alternatives*

Not applicable

*Appendix C: Contraindications*

Not applicable

*Appendix D: World Health Organization-European Organization for Research and Treatment of Cancer Classification of CTCL\* with Primary Cutaneous Manifestations*

- Mycosis fungoides (MF)
  - MF variants and subtypes
    - Folliculotropic MF
    - Pagetoid reticulosis
    - Granulomatous slack skin
- Sezary syndrome (SS)
- Adult T-cell leukemia/lymphoma (ATLL)
- Primary cutaneous CD30+ lymphoproliferative disorders
  - Primary cutaneous anaplastic large cell lymphoma (ALCL)
  - Lymphomatoid papulosis
- Subcutaneous panniculitis-like T-cell lymphoma
- Extranodal NK\*\*/T-cell lymphoma, nasal type
- Primary cutaneous peripheral T-cell lymphoma, unspecified (PTCL-NOS)

- Primary cutaneous aggressive epidermotropic CD8+ T-cell lymphoma
- Cutaneous  $\gamma/\delta$  (gamma/delta) T-cell lymphoma
- Primary cutaneous CD4+ small/medium-sized pleomorphic T-cell lymphoma

*\*Non-Hodgkin's lymphomas (NHLs) include lymphoproliferative disorders originating in B-lymphocytes, T-lymphocytes, and natural killer cells. Cutaneous T-cell lymphomas (CTCLs) are a subset of NHLs characterized by skin involvement and the potential to progress to lymph nodes, blood, and visceral organs. Mycosis fungoides, the most common CTCL, is an extranodal NHL of mature T-cells with primary skin involvement. Sezary syndrome, a less common CTCL, is characterized by significant blood involvement and lymphadenopathy.*

*\*\*Extranodal NK-cell lymphoma is considered a CTCL subtype under the policy criteria.*

## V. Dosage and Administration

Indication	Dosing Regimen	Maximum Dose
CTCL	400 mg PO QD	400 mg/day

## VI. Product Availability

Capsules: 100 mg

## VII. References

1. Zolinza Prescribing Information. Whitehouse Station, NJ: Merck and Company, Inc.; December 2015. Available from [http://www.merck.com/product/usa/pi\\_circulars/z/zolinza/zolinza\\_pi.pdf](http://www.merck.com/product/usa/pi_circulars/z/zolinza/zolinza_pi.pdf). Accessed April 2018.
2. National Comprehensive Cancer Network Drugs and Biologics Compendium. Available at: [http://www.nccn.org/professionals/drug\\_compendium](http://www.nccn.org/professionals/drug_compendium). Accessed April 2018.
3. National Comprehensive Cancer Network. T-cell lymphomas; Version 3.2018. Available at: [http://www.nccn.org/professionals/physician\\_gls/pdf/cervical.pdf](http://www.nccn.org/professionals/physician_gls/pdf/cervical.pdf). Accessed April 2018.
4. Olsen EA, Kim YH, Kuzel TM, et al. Phase IIB multicenter trial of vorinostat in patients with persistent, progressive, or treatment refractory cutaneous T-cell lymphoma. *J Clin Oncol* 2007 Jul 20; 25(21).
5. Duvic M, Talpur R, Ni X, et al. Phase II trial of oral vorinostat (suberoylanilide hydroxamic acid, SAHA) for refractory cutaneous T-cell lymphoma (CTCL). *Blood* 2007 Jan 1; 109: 31-9.
6. Willemze R, Jaffe ES, Burg G, et al. WHO-EORTC classification for cutaneous lymphomas. *Blood*. May 2005; 105(10): 3768-85.

Reviews, Revisions, and Approvals	Date	P&T Approval Date
Added treatment duration to background Moved Table 1 information into body of safety section Added pregnancy category information Added dose reduction Added Appendix B: Definition of hepatic impairment Added drugs to Appendix A: Systemic Therapies for CTCL	12.14	01.15
Converted policy to new template.	12.15	1.16

Reviews, Revisions, and Approvals	Date	P&T Approval Date
Criteria: added adult age restriction; removed denial for hepatic impairment since not an absolute contraindication; removed dose adjustment criteria; added max dose restriction criteria; changed initial approval period to 3 months and continuation to 6; added requirement that CTCL cutaneous manifestations be present per PI. Limited appendices to abbreviation key; removed list of systemic therapies since not used to restrict criteria.		
Policy converted to new template. Two appendices added – classification of CTCL and examples of CTCL systemic therapies. NCCN recommended uses added.	12.16	1.17
Updated references and added max dose and changed 3/6 approval duration to 6/12 month approval duration	08.17.17	11.17
3Q 2018 annual review: policies combined for Commercial and Medicaid lines of business; age and specialist requirements added; continuation of care statement added; NCCN and FDA-approved uses summarized for improved clarity (criteria limited to CTLC diagnosis); references reviewed and updated.	05.08.18	08.18

**Important Reminder**

This clinical policy has been developed by appropriately experienced and licensed health care professionals based on a review and consideration of currently available generally accepted standards of medical practice; peer-reviewed medical literature; government agency/program approval status; evidence-based guidelines and positions of leading national health professional organizations; views of physicians practicing in relevant clinical areas affected by this clinical policy; and other available clinical information. The Health Plan makes no representations and accepts no liability with respect to the content of any external information used or relied upon in developing this clinical policy. This clinical policy is consistent with standards of medical practice current at the time that this clinical policy was approved. “Health Plan” means a health plan that has adopted this clinical policy and that is operated or administered, in whole or in part, by Centene Management Company, LLC, or any of such health plan’s affiliates, as applicable.

The purpose of this clinical policy is to provide a guide to medical necessity, which is a component of the guidelines used to assist in making coverage decisions and administering benefits. It does not constitute a contract or guarantee regarding payment or results. Coverage decisions and the administration of benefits are subject to all terms, conditions, exclusions and limitations of the coverage documents (e.g., evidence of coverage, certificate of coverage, policy, contract of insurance, etc.), as well as to state and federal requirements and applicable Health Plan-level administrative policies and procedures.

This clinical policy is effective as of the date determined by the Health Plan. The date of posting may not be the effective date of this clinical policy. This clinical policy may be subject to applicable legal and regulatory requirements relating to provider notification. If there is a

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**Note:**

**For Medicaid members**, when state Medicaid coverage provisions conflict with the coverage provisions in this clinical policy, state Medicaid coverage provisions take precedence. Please refer to the state Medicaid manual for any coverage provisions pertaining to this clinical policy.

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