

## Clinical Policy: Belinostat (Beleodaq)

Reference Number: CP.PHAR.311

Effective Date: 02.01.17

Last Review Date: 11.21

Line of Business: HIM, Medicaid

[Coding Implications](#)

[Revision Log](#)

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

### Description

Belinostat (Beleodaq<sup>®</sup>) is a histone deacetylase inhibitor.

### FDA Approved Indication(s)

Beleodaq is indicated for the treatment of patients with relapsed or refractory peripheral T-cell lymphoma (PTCL).

This indication is approved under accelerated approval based on tumor response rate and duration of response. An improvement in survival or disease-related symptoms has not been established. Continued approval for this indication may be contingent upon verification and description of clinical benefit in the confirmatory trial.

### 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 Beleodaq is **medically necessary** when the following criteria are met:

#### I. Initial Approval Criteria

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

1. Diagnosis of PTCL – (see Appendix D for examples of PTCL subtypes);
2. Prescribed by or in consultation with an oncologist or hematologist;
3. Age  $\geq$  18 years;
4. Request meets one of the following (a or b):\*
  - a. Dose does not exceed 1,000 mg/m<sup>2</sup> per day on days 1-5 of a 21-day cycle;
  - b. Dose is supported by practice guidelines or peer-reviewed literature for the relevant off-label use (prescriber must submit supporting evidence).

*\*Prescribed regimen must be FDA-approved or recommended by NCCN*

**Approval duration: 6 months**

##### B. NCCN-Recommended Off-Label Indications (must meet all):

1. Diagnosis of one of the following (a, b, c, d, e, f or g):
  - a. Mycosis fungoides;
  - b. Sézary syndrome;
  - c. Primary cutaneous anaplastic large cell lymphoma (ALCL) with multifocal lesions, or cutaneous ALCL with regional nodes;

- d. Adult T-cell leukemia/lymphoma;
- e. Extranodal NK/T-cell lymphoma, nasal type;
- f. Hepatosplenic gamma-delta T-cell lymphoma;
- g. Cutaneous CD30+ T-cell lymphoma;
2. Prescribed by or in consultation with an oncologist or hematologist;
3. Age  $\geq$  18 years;
4. Dose is within FDA maximum limit for any FDA-approved indication or is supported by practice guidelines or peer-reviewed literature for the relevant off-label use (*prescriber must submit supporting evidence*).\*

*\*Prescribed regimen must be FDA-approved or recommended by NCCN*

**Approval duration: 6 months**

**C. 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): HIM.PA.154 for health insurance marketplace and CP.PMN.53 for Medicaid.

**II. Continued Therapy**

**A. All Indications in Section I (must meet all):**

1. Currently receiving medication via Centene benefit, or documentation supports that member is currently receiving Beleodaq for a covered indication 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, request meets one of the following (a or b):\*
  - a. New dose does not exceed 1,000 mg/m<sup>2</sup> per day on days 1-5 of a 21-day cycle;
  - b. New dose is supported by practice guidelines or peer-reviewed literature for the relevant off-label use (*prescriber must submit supporting evidence*).

*\*Prescribed regimen must be FDA-approved or recommended by NCCN*

**Approval duration: 12 months**

**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): HIM.PA.154 for health insurance marketplace 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 – HIM.PA.154 for health insurance marketplace and CP.PMN.53 for Medicaid, or evidence of coverage documents.

**IV. Appendices/General Information**

*Appendix A: Abbreviation/Acronym Key*

ALCL: anaplastic large cell lymphoma

FDA: Food and Drug Administration

NCCN: National Comprehensive Cancer Network

PTCL: peripheral T-cell lymphoma

*Appendix B: Therapeutic Alternatives*

Not applicable

*Appendix C: Contraindications/Boxed Warnings*

None reported

*Appendix D: General Information*

- PTCL - subtypes/histologies:
  - PTCL, not otherwise specified;
  - Anaplastic large cell lymphoma;
  - Angioimmunoblastic T-cell lymphoma;
  - Enteropathy-associated T-cell lymphoma;
  - Monomorphic epitheliotropic intestinal T-cell lymphoma;
  - Nodal peripheral T-cell lymphoma with TFH phenotype;
  - Follicular T-cell lymphoma;

*\*PTCL is classified as a non-Hodgkin T-cell lymphoma. PTCL classification schemes are periodically advanced as new information becomes available; therefore, the above list is provided as general guidance. For additional information, see WHO's 2016 updated classification of hematological malignancies for a complete list of lymphoid neoplasms, including PTCL.*

**V. Dosage and Administration**

Indication	Dosing Regimen	Maximum Dose
PTCL	1,000 mg/m <sup>2</sup> IV on days 1-5 of a 21-day cycle. Cycles can be repeated every 21 days until disease progression or unacceptable toxicity.	1,000 mg/m <sup>2</sup> /day

**VI. Product Availability**

Single-dose vial: 500 mg

**VII. References**

1. Beleodaq Prescribing Information. Irvine, CA: Spectrum Pharmaceuticals, Inc.; January 2020. Available at: [http://www.beleodaq.com/downloads/Beleodaq\\_PI.pdf](http://www.beleodaq.com/downloads/Beleodaq_PI.pdf). Accessed June 30, 2021.
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 June 30, 2021.
3. National Comprehensive Cancer Network. T-Cell Lymphomas Version 1.2021. Available at: [https://www.nccn.org/professionals/physician\\_gls/pdf/t-cell.pdf](https://www.nccn.org/professionals/physician_gls/pdf/t-cell.pdf). Accessed June 30, 2021.
4. National Comprehensive Cancer Network. Primary Cutaneous Lymphomas Version 2.2021. Available at: [https://www.nccn.org/professionals/physician\\_gls/pdf/primary\\_cutaneous.pdf](https://www.nccn.org/professionals/physician_gls/pdf/primary_cutaneous.pdf). Accessed June 30, 2021.

**Coding Implications**

Codes referenced in this clinical policy are for informational purposes only. Inclusion or exclusion of any codes does not guarantee coverage. Providers should reference the most up-to-date sources of professional coding guidance prior to the submission of claims for reimbursement of covered services.

HCPCS Codes	Description
J9032	Injection, belinostat, 10 mg

Reviews, Revisions, and Approvals	Date	P&T Approval Date
4Q 2018 annual review: added HIM-Medical Benefit line of business; summarized NCCN and FDA-approved uses for improved clarity; added specialist involvement in care; references reviewed and updated.	07.31.18	11.18
4Q 2019 annual review: added NCCN-recommended (with Category 2A or above) off-label uses: extranodal NK/T-cell lymphoma, nasal type, hepatosplenic gamma-delta T-cell lymphoma; references reviewed and updated.	08.14.19	11.19
4Q 2020 annual review: modified HIM-Medical Benefit to HIM line of business; added additional off-label indication cutaneous CD30+ T-cell lymphoma as per NCCN 2A or above off label indication; added Appendix D: PTCL subtypes per NCCN; references reviewed and updated.	08.14.20	11.20
4Q 2021 annual review: HIM.PHAR.21 changed to HIM.PA.154; references reviewed and updated.	06.30.21	11.21

**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.

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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 discrepancy between the effective date of this clinical policy and any applicable legal or regulatory requirement, the requirements of law and regulation shall govern. The Health Plan retains the right to change, amend or withdraw this clinical policy, and additional clinical policies may be developed and adopted as needed, at any time.

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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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