Clinical Policy: Belinostat (Beleodaq)
Reference Number: CP.PHAR.311
Effective Date: 02.01.17
Last Review Date: 11.20
Line of Business: HIM, Medicaid

See Important Reminder at the end of this policy for important regulatory and legal information.

Description
Belinostat (Beleodaq®) 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® 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 ≥ 18 years;
      4. Request meets one of the following (a or b):*
         a. Dose does not exceed 1,000 mg/m² 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;
Belinostat

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 ≥ 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.PHAR.21 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/m² 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.PHAR.21 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.PHAR.21 for health insurance marketplace and CP.PMN.53 for Medicaid, or evidence of coverage documents.
IV. Appendices/General Information

Appendix A: Abbreviation/Acronym Key

<table>
<thead>
<tr>
<th>Abbreviation/Acronym</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ALCL</td>
<td>anaplastic large cell lymphoma</td>
</tr>
<tr>
<td>FDA</td>
<td>Food and Drug Administration</td>
</tr>
<tr>
<td>NCCN</td>
<td>National Comprehensive Cancer Network</td>
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<tr>
<td>PTCL</td>
<td>peripheral T-cell lymphoma</td>
</tr>
</tbody>
</table>

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;

*PTLC 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

<table>
<thead>
<tr>
<th>Indication</th>
<th>Dosing Regimen</th>
<th>Maximum Dose</th>
</tr>
</thead>
<tbody>
<tr>
<td>PTCL</td>
<td>1,000 mg/m² IV on days 1-5 of a 21-day cycle. Cycles can be repeated every 21 days until disease progression or unacceptable toxicity.</td>
<td>1,000 mg/m²/day</td>
</tr>
</tbody>
</table>

VI. Product Availability

Single-dose vial: 500 mg

VII. References

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.

<table>
<thead>
<tr>
<th>HCPCS Codes</th>
<th>Description</th>
<th>Date</th>
<th>P&amp;T Approval Date</th>
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<tbody>
<tr>
<td>J9032</td>
<td>Injection, belinostat, 10 mg</td>
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Reviews, Revisions, and Approvals

<table>
<thead>
<tr>
<th>Reviews, Revisions, and Approvals</th>
<th>Date</th>
<th>P&amp;T Approval Date</th>
</tr>
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<tbody>
<tr>
<td>Policy split from CP.PHAR.182.Excellus Oncology.</td>
<td>01.01.17</td>
<td>02.17</td>
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<tr>
<td>Age and dosing added NCCN recommended uses added separately.</td>
<td>09.05.17</td>
<td>11.17</td>
</tr>
<tr>
<td>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.</td>
<td>07.31.18</td>
<td>11.18</td>
</tr>
<tr>
<td>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.</td>
<td>08.14.19</td>
<td>11.19</td>
</tr>
<tr>
<td>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.</td>
<td>08.14.20</td>
<td>11.20</td>
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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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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.

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This clinical policy does not constitute medical advice, medical treatment or medical care. It is not intended to dictate to providers how to practice medicine. Providers are expected to exercise professional medical judgment in providing the most appropriate care, and are solely responsible for the medical advice and treatment of members. This clinical policy is not intended to recommend treatment for members. Members should consult with their treating physician in connection with diagnosis and treatment decisions.

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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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