

## **Clinical Policy: Lumateperone (Caplyta)**

Reference Number: CP.PMN.232

Effective Date: 03.01.20

Last Review Date: 02.22

Line of Business: Commercial, HIM, Medicaid

[Revision Log](#)

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

### **Description**

Lumateperone (Caplyta<sup>®</sup>) is an atypical antipsychotic.

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

Caplyta is indicated for the treatment of:

- Schizophrenia in adults
- Depressive episodes associated with bipolar I or II disorder (bipolar depression) in adults, as monotherapy and as adjunctive therapy with lithium or valproate.

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

#### **I. Initial Approval Criteria**

##### **A. Schizophrenia (must meet all):**

1. Diagnosis of schizophrenia;
2. Age  $\geq$  18 years;
3. Member meets one of the following (a or b):
  - a. Failure of two of the following generic atypical antipsychotics at up to maximally indicated doses, each used for  $\geq$  4 weeks, unless clinically significant adverse effects are experienced or all are contraindicated: risperidone, quetiapine, olanzapine, ziprasidone;
  - b. Member has diabetes mellitus or body mass index (BMI)  $>$  30;
4. Failure of a  $\geq$  4-week trial of aripiprazole at up to maximally indicated doses, unless contraindicated or clinically significant adverse effects are experienced;
5. Dose does not exceed 42 mg (1 capsule) per day.

##### **Approval duration:**

**Medicaid/HIM** – 12 months

**Commercial** – 12 months or duration of request, whichever is less

##### **B. Bipolar Disorder (must meet all):**

1. Diagnosis of bipolar disorder;
2. Age  $\geq$  18 years;

3. Failure of two preferred atypical antipsychotics (e.g., aripiprazole, ziprasidone, quetiapine, risperidone, or olanzapine) at up to maximally indicated doses, each used for  $\geq 4$  weeks, unless clinically significant adverse effects are experienced or all are contraindicated;
4. Dose does not exceed 42 mg (1 capsule) per day.

**Approval duration:**

**Medicaid/HIM** – 12 months

**Commercial** – 12 months or duration of request, whichever is less

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

1. If this drug has recently (within the last 6 months) undergone a label change (e.g., newly approved indication, age expansion, new dosing regimen) that is not yet reflected in this policy, refer to one of the following policies (a or b):
  - a. For drugs on the formulary (commercial, health insurance marketplace) or PDL (Medicaid), the no coverage criteria policy for the relevant line of business: CP.CPA.190 for commercial, HIM.PA.33 for health insurance marketplace, and CP.PMN.255 for Medicaid; or
  - b. For drugs NOT on the formulary (commercial, health insurance marketplace) or PDL (Medicaid), the non-formulary policy for the relevant line of business: CP.CPA.190 for commercial, HIM.PA.103 for health insurance marketplace, and CP.PMN.16 for Medicaid; or
2. If the requested use (e.g., diagnosis, age, dosing regimen) is NOT specifically listed under section III (Diagnoses/Indications for which coverage is NOT authorized) AND criterion 1 above does not apply, refer to the off-label use policy for the relevant line of business: CP.CPA.09 for commercial, 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 Caplyta for schizophrenia or bipolar disorder 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 42 mg (1 capsule) per day.

**Approval duration:**

**Medicaid/HIM** – 12 months

**Commercial** – 12 months or duration of request, whichever is less

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

1. If this drug has recently (within the last 6 months) undergone a label change (e.g., newly approved indication, age expansion, new dosing regimen) that is not yet reflected in this policy, refer to one of the following policies (a or b):
  - a. For drugs on the formulary (commercial, health insurance marketplace) or PDL (Medicaid), the no coverage criteria policy for the relevant line of business: CP.CPA.190 for commercial, HIM.PA.33 for health insurance marketplace, and CP.PMN.255 for Medicaid; or

- b. For drugs NOT on the formulary (commercial, health insurance marketplace) or PDL (Medicaid), the non-formulary policy for the relevant line of business: CP.CPA.190 for commercial, HIM.PA.103 for health insurance marketplace, and CP.PMN.16 for Medicaid; or
- 2. If the requested use (e.g., diagnosis, age, dosing regimen) is NOT specifically listed under section III (Diagnoses/Indications for which coverage is NOT authorized) AND criterion 1 above does not apply, refer to the off-label use policy for the relevant line of business: CP.CPA.09 for commercial, 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 – CP.CPA.09 for commercial, 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*

BMI: body mass index

FDA: Food and Drug Administration

*Appendix B: Therapeutic Alternatives*

*This table provides a listing of preferred alternative therapy recommended in the approval criteria. The drugs listed here may not be a formulary agent for all relevant lines of business and may require prior authorization.*

| <b>Drug Name</b>  | <b>Dosing Regimen</b>   | <b>Dose Limit/<br/>Maximum Dose</b> |
|---|---|-------------------------------------|
| aripiprazole<br>(Abilify <sup>®</sup> )                     | <b>Schizophrenia</b><br>Adults: 10 to 15 mg PO QD   | 30 mg/day                           |
| olanzapine<br>(Zyprexa <sup>®</sup> )                       | <b>Schizophrenia</b><br>Initial: 5 to 10 mg PO QD; target: 10 mg PO QD<br><br><b>Bipolar Disorder</b><br>Monotherapy: 10 to 15 mg PO QD; adjunct to lithium or valproate: 10 mg PO QD | 20 mg/day                           |
| quetiapine<br>immediate-release<br>(Seroquel <sup>®</sup> ) | <b>Schizophrenia</b><br>Initial: 25 mg PO BID; target: 400 to 800 mg/day<br><br><b>Bipolar Disorder</b><br>Initial: 50 mg PO BID; target: 400 to 800 mg/day                           | 800 mg/day                          |
| risperidone<br>(Risperdal <sup>®</sup> )                    | <b>Schizophrenia</b><br>Initial: 1 mg PO BID or 2 mg PO QD; target: 4 to 8 mg PO QD   | Schizophrenia:<br>16 mg/day         |

| Drug Name                             | Dosing Regimen                       | Dose Limit/<br>Maximum Dose |
|---------------------------------------|--------------------------------------|-----------------------------|
| ziprasidone<br>(Geodon <sup>®</sup> ) | <b>Schizophrenia</b><br>20 mg PO BID | 160 mg/day                  |

*Therapeutic alternatives are listed as Brand name<sup>®</sup> (generic) when the drug is available by brand name only and generic (Brand name<sup>®</sup>) when the drug is available by both brand and generic.*

*Appendix C: Contraindications/Boxed Warnings*

- Contraindication(s): known hypersensitivity to lumateperone or any components of Caplyta
- Boxed warning(s): increased mortality in elderly patients with dementia-related psychosis; suicidal thoughts and behaviors

**V. Dosage and Administration**

| Indication                            | Dosing Regimen   | Maximum Dose |
|---------------------------------------|--|--------------|
| Schizophrenia,<br>bipolar<br>disorder | 42 mg PO QD<br><br>Moderate or severe hepatic impairment: 21 mg PO<br>QD | 42 mg/day    |

**VI. Product Availability**

Capsule: 42 mg, 21 mg, 10.5 mg

**VII. References**

1. Caplyta Prescribing Information. New York, NY: Intra-Cellular Therapies, Inc.; April 2022. Available at: [www.caplyta.com](http://www.caplyta.com). Accessed May 6, 2022.
2. Keepers GA, Fochtmann LJ, Anzia JM, et al. The American Psychiatric Association Practice Guideline for the Treatment of Patients with Schizophrenia. The American Psychiatric Association, December 2019. Available at: <https://www.psychiatry.org/psychiatrists/practice/clinical-practice-guidelines>. Accessed January 8, 2020.
3. Keepers G, Fochtmann L, Anzia J, et al. APA Practice guideline for the treatment of patients with schizophrenia, third edition. *Am J Psychiatry*. 2020 Sept;177(9):868-872.
4. Kadakia A, Dembek C, Heller V, et al. Efficacy and tolerability of atypical antipsychotics for acute bipolar depression: a network meta-analysis. *BMC Psychiatry*. May 2021;21, 249. Available at: <https://bmcp psychiatry.biomedcentral.com/articles/10.1186/s12888-021-03220-3#article-info>. Accessed January 4, 2022.
5. Yatham LN, Kennedy SH, Parikh SV, et al. Canadian Network for Mood and Anxiety Treatments (CANMAT) and International Society for Bipolar Disorders (ISBD) 2018 guidelines for the management of patients with bipolar disorder. *Bipolar Disord*. 2018;20:97–170. <https://doi.org/10.1111/bdi.12609>.

| Reviews, Revisions, and Approvals | Date     | P&T<br>Approval<br>Date |
|-----------------------------------|----------|-------------------------|
| Policy created                    | 01.14.20 | 02.20                   |

| Reviews, Revisions, and Approvals   | Date     | P&T Approval Date |
|---|----------|-------------------|
| 1Q 2021 annual review: no significant changes; references to HIM.PHAR.21 revised to HIM.PA.154; references reviewed and updated.  | 11.29.20 | 02.21             |
| 1Q 2022 annual review: no significant changes; revised Commercial auth limit from Length of Benefit to 12 months or duration of request whichever is less; RT4: added criteria for the recently FDA-approved indication of bipolar depression; references reviewed and updated. | 11.13.21 | 02.22             |
| RT4: new strengths [10.5 mg, 21 mg] added.  | 05.06.22 |                   |
| Template changes applied to other diagnoses/indications.  | 10.06.22 |                   |

**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 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.

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.

Providers referred to in this clinical policy are independent contractors who exercise independent judgment and over whom the Health Plan has no control or right of control. Providers are not agents or employees of the Health Plan.

This clinical policy is the property of the Health Plan. Unauthorized copying, use, and distribution of this clinical policy or any information contained herein are strictly prohibited. Providers, members and their representatives are bound to the terms and conditions expressed herein through the terms of their contracts. Where no such contract exists, providers, members and their representatives agree to be bound by such terms and conditions by providing services to members and/or submitting claims for payment for such services.

**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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