

## **Clinical Policy: Ranolazine (Ranexa, Aspruzyo Sprinkle)**

Reference Number: CP.PMN.34

Effective Date: 08.01.09

Last Review Date: 02.22

Line of Business: Medicaid

[Revision Log](#)

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

### **Description**

Ranolazine (Ranexa<sup>®</sup>, Aspruzyo Sprinkle<sup>™</sup>) is an antianginal agent.

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

Ranexa and Aspruzyo Sprinkle is indicated for the treatment of chronic angina.

### **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 Ranexa and Aspruzyo Sprinkle are **medically necessary** when the following criteria are met:

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

##### **A. Chronic Angina (must meet all):**

1. Diagnosis of chronic angina;
2. Prescribed by or in consultation with a cardiologist;
3. Age  $\geq$  18 years;
4. Member must use generic ranolazine, unless (a or b):
  - a. Generic ranolazine is contraindicated for the member or clinically significant adverse effects are experienced;
  - b. Request is for Aspruzyo Sprinkle, and member has an inability to swallow tablets whole;
5. Member meets one of the following (a, b, or c):
  - a. Failure of concurrent use of a beta-blocker and long-acting nitrate at therapeutic doses for  $\geq$  30 days within the previous 6 months;
  - b. Failure of concurrent use of a calcium channel blocker and long-acting nitrate at therapeutic doses for  $\geq$  30 days within the previous 6 months;
  - c. Member experienced clinically significant adverse effects or has contraindications to one of the following (i or ii):
    - i. Both calcium channel blockers and beta blockers;
    - ii. Long-acting nitrates;
6. Does not exceed 2,000 mg (2 tablets) per day.

**Approval duration: 12 months**

**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.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.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.PMN.53 for Medicaid.

**II. Continued Therapy**

**A. Chronic Angina (must meet all):**

1. Member meets one of the following (a or b):
  - a. Currently receiving medication via Centene benefit or member has previously met initial approval criteria;
  - b. Member is currently receiving medication and is enrolled in a state and product with continuity of care regulations (*refer to state specific addendums for CC.PHARM.03A and CC.PHARM.03B*);
2. Member is responding positively to therapy;
3. Member must use generic ranolazine, unless (a or b):
  - a. Generic ranolazine is contraindicated for the member or clinically significant adverse effects are experienced;
  - b. Request is for Aspruzyo Sprinkle, and member has an inability to swallow tablets whole;
4. If request is for a dose increase, new dose does not exceed 2,000 mg (2 tablets) per day.

**Approval duration: 12 months**

**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.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.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.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 policy – CP.PMN.53 or evidence of coverage documents.

**IV. Appendices/General Information**

*Appendix A: Abbreviation/Acronym Key*

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 and may require prior authorization.*

<b>Drug Name</b>	<b>Dosing Regimen</b>	<b>Dose Limit/ Maximum Dose</b>
<b>Beta-Blockers</b>		
acebutolol (Sectral <sup>®</sup> )*	400 mg to 1,200 mg PO per day in 2 to 3 divided doses	800 mg/day
atenolol (Tenormin <sup>®</sup> )	50 mg to 100 mg PO QD	200 mg/day
betaxolol (Kerlone <sup>®</sup> )*	5 mg to 80 mg PO QD	80 mg/day
bisoprolol (Zebeta <sup>®</sup> )*	5 mg to 20 mg PO QD	20 mg/day
carvedilol (Coreg <sup>®</sup> )*	25 mg to 50 mg PO BID	100 mg/day
metoprolol (Lopressor <sup>®</sup> , Toprol XL <sup>®</sup> )	100 mg PO per day	400 mg/day
nadolol (Corgard <sup>®</sup> )	40 mg to 80 mg PO QD	240 mg/day
pindolol (Visken <sup>®</sup> )*	Initial: 2.5 mg to 5 mg PO QD Maintenance: 10 mg to 40 mg PO QD in divided doses	40 mg/day
propranolol (Inderal <sup>®</sup> LA, Innopran XL <sup>®</sup> )	80 mg to 320 mg per day	320 mg/day
sotalol (Betapace <sup>®</sup> , Betapace AF <sup>®</sup> )*	120 mg to 480 mg PO per day in divided doses	480 mg/day
timolol*	10 mg to 60 mg PO per day in divided doses	60 mg/day
<b>Long-Acting Nitrates</b>		
isosorbide dinitrate (Isordil <sup>®</sup> , Dilatrate-SR <sup>®</sup> )	Immediate-release (IR): 5 mg to 80 mg PO per day in divided doses Sustained-release (SR): 40 mg to 160 mg PO per day	480 mg/day IR; 160 mg/day SR
isosorbide mononitrate (Monoket <sup>®</sup> , Imdur <sup>®</sup> )	IR: 20 mg BID Extended-release (ER): 30 mg to 240 mg PO QD	40 mg/day IR; 240 mg/day ER

Drug Name	Dosing Regimen	Dose Limit/ Maximum Dose
nitroglycerin (Nitro-Time <sup>®</sup> , Nitro-Dur <sup>®</sup> )	Oral: 2.5 mg to 6.5 mg PO 3 to 4 times per day  Transdermal: 1 patch (0.1 mg to 0.8 mg per hour) per day	26 mg/day oral; 1 patch per day
<b>Calcium Channel Blockers</b>		
amlodipine (Norvasc <sup>®</sup> )	5 mg to 10 mg PO QD	10 mg/day
diltiazem (Cardizem <sup>®</sup> CD, Cartia XT <sup>®</sup> , Tiazac <sup>®</sup> , Taztia XT <sup>®</sup> , Matzim <sup>®</sup> LA, Cardizem <sup>®</sup> LA)	Regular-release: 120 mg to 360 mg PO per day in divided doses ER capsules: 120 mg to 540 mg PO QD ER tablets: 180 mg to 360 mg PO QD	360 mg/day; 450 mg/day ER capsules; 420 mg/day ER tablets
felodipine (Plendil <sup>®</sup> )	2.5 mg to 5 mg PO BID	10 mg/day
isradipine	2.5 mg to 7.5 mg PO TID	22.5 mg/day
nicardipine (Cardene <sup>®</sup> )	20 mg to 40 mg PO TID	120 mg/day
nifedipine (Procardia <sup>®</sup> , Procardia XL <sup>®</sup> , Adalat <sup>®</sup> CC)	IR: 10 mg to 30 mg PO per day in divided doses ER: 30 mg to 60 mg PO QD	180 mg/day IR 120 mg/day ER
verapamil (Calan <sup>®</sup> , Calan <sup>®</sup> SR, Verelan <sup>®</sup> , Verelan <sup>®</sup> PM)	IR: 80 to 120 mg PO TID ER: 180 to 480 mg PO QD	480 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.

\*Off-label use

#### Appendix C: Contraindications/Boxed Warnings

- Contraindication(s):
  - In patients taking strong inhibitors of CYP3A
  - In patients taking inducers of CYP3A
  - In patients with liver cirrhosis
- Boxed warning(s): none reported

#### V. Dosage and Administration

Drug Name	Dosing Regimen	Maximum Dose
Ranolazine (Ranexa)	500 mg to 1,000 mg PO BID	2,000 mg/day
Ranolazine (Aspruzyo Sprinkle)		

#### VI. Product Availability

Drug Name	Availability
Ranolazine (Ranexa)	Extended-release tablets: 500 mg, 1,000 mg
Ranolazine (Aspruzyo Sprinkle)	Extended-release granules: 500 mg, 1,000 mg

**VII. References**

1. Ranexa Prescribing Information. Foster City, CA: Gilead Sciences, Inc.; October 2019. Available at: <https://www.ranexa.com/>. Accessed November 29, 2021.
2. Aspruzyo Sprinkle Prescribing Information. Cranbury, NJ: Sun Pharmaceutical Industries, Inc.; February 2022. Available at [https://www.accessdata.fda.gov/drugsatfda\\_docs/label/2022/216018s000lbl.pdf](https://www.accessdata.fda.gov/drugsatfda_docs/label/2022/216018s000lbl.pdf). Accessed March 25, 2022.
3. Fihn SD, Gardin JM, Abrams J, Berra K, Blankenship JC, Dallas AP, et al. 2012 ACC/AHA/ACP/AATS/PCNA/SCAI/STS guideline for the diagnosis and management of patients with stable ischemic heart disease: a report of the American College of Cardiology Foundation/American Heart Association task force on practice guidelines, and the American College of Physicians, American Association for Thoracic Surgery, Preventive Cardiovascular Nurses Association, Society for Cardiovascular Angiography and Interventions, and Society of Thoracic Surgeons. *Circulation* 2012; 126:e354.
4. Fihn SD, Gardin JM, Abrams J, Berra K, Blankenship JC, Dallas AP, et al. 2014 ACC/AHA/ACP/AATS/PCNA/SCAI/STS Focused update of the guideline for the diagnosis and management of patients with stable ischemic heart disease. November 2014; *64*(18):1929-49.
5. Clinical Pharmacology [database online]. Tampa, FL: Gold Standard, Inc.; 2020. Available at: <http://www.clinicalpharmacology-ip.com/>.
6. Micromedex<sup>®</sup> Healthcare Series [Internet database]. Greenwood Village, Colo: Thomson Healthcare. Updated periodically. Accessed November 21, 2021.

Reviews, Revisions, and Approvals	Date	P&T Approval Date
1Q18 annual review: Policies combined for Medicaid and commercial; No significant clinical changes from previously approved corporate policy; Commercial: added the requirement of first line generic agent trial; Age added; References reviewed and updated.	12.12.17	02.18
1Q 2019 annual review: removed commercial line of business; no significant changes; references reviewed and updated.	10.30.18	02.19
1Q 2020 annual review: no significant changes; references reviewed and updated.	11.04.19	02.20
1Q 2021 annual review: added redirection to generic ranolazine in initial and continuation criteria; reformatted criteria to clearly distinguish separation of contraindication of both beta-blocker and calcium channel blocker from a long-acting nitrate; references reviewed and updated.	01.07.21	02.21
1Q 2022 annual review: no significant changes; updated Appendix C to include patients taking strong inhibitors of CYP3A; references reviewed and updated.	11.21.21	02.22
RT4: Added newly approved Aspruzyo Sprinkle extended-release granules.	03.25.22	

Reviews, Revisions, and Approvals	Date	P&T Approval Date
Template changes applied to other diagnoses/indications and continued therapy section.	09.20.22	

**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.

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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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