

**Clinical Policy: Avapritinib (Ayvakit)**

Reference Number: CP.PHAR.454

Effective Date: 03.01.20

Last Review Date: 02.20

Line of Business: Commercial, HIM, Medicaid

[Revision Log](#)

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

**Description**

Avapritinib (Ayvakit™) is a tyrosine kinase inhibitor.

**FDA Approved Indication(s)**

Ayvakit is indicated for the treatment of adults with unresectable or metastatic gastrointestinal stromal tumor (GIST) harboring a platelet-derived growth factor receptor alpha (PDGFRA) exon 18 mutation, including PDGFRA D842V mutations.

**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 Ayvakit is **medically necessary** when the following criteria are met:

**I. Initial Approval Criteria****A. Gastrointestinal Stromal Tumor (must meet all):**

1. Diagnosis of unresectable or metastatic GIST;
2. Prescribed by or in consultation with an oncologist;
3. Age ≥ 18 years;
4. One of the following (a or b):
  - a. Documentation of PDGFRA exon 18 D842V mutation;
  - b. Member meets both of the following (i and ii):
    - i. Documentation of PDGFRA exon 18 mutation other than D842V;
    - ii. Failure of imatinib, unless contraindicated or clinically significant adverse effects are experienced;
5. Dose does not exceed 300 mg (1 tablet) per day.

*\*Prior authorization may be required for imatinib*

**Approval duration:**

**Medicaid/HIM** – 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, HIM.PHAR.21 for health insurance marketplace, and CP.PMN.53 for Medicaid.

## II. Continued Therapy

### A. Gastrointestinal Stromal Tumor (must meet all):

1. Currently receiving medication via Centene benefit, or documentation supports that member is currently receiving Ayvakit 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, new dose does not exceed 300 mg (1 tablet) per day.

#### Approval duration:

**Medicaid/HIM** – 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, 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 – CP.CPA.09 for commercial, 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*

FDA: Food and Drug Administration

GIST: gastrointestinal stromal tumor

PDGFR: platelet-derived growth factor receptor

### *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.*

Drug Name	Dosing Regimen	Dose Limit/ Maximum Dose
imatinib mesylate (Gleevec <sup>®</sup> )	400 mg PO QD up to 400 mg BID	800 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*

None reported

*Appendix D: General Information*

- Per NCCN guidelines, the current standard of care for unresectable and metastatic GIST is imatinib, followed by sequential TKI therapies of sunitinib and regorafenib.
- Most mutations in the PDGFRA gene respond to imatinib, with the exception of D842V.
- No highly effective therapy was available for the patient population with PDGFRA D842V mutations.

**V. Dosage and Administration**

Indication	Dosing Regimen	Maximum Dose
GIST	300 mg PO QD	300 mg/day

**VI. Product Availability**

Tablets: 100 mg, 200 mg, 300 mg

**VII. References**

1. Ayvakit Prescribing Information. Cambridge, MA: Blueprint Medicines Corporation; January 2020. Available at: [www.ayvakit.com](http://www.ayvakit.com). Accessed January 9, 2020.
2. National Comprehensive Cancer Network. Soft Tissue Sarcoma Version 4.2019. Available at: [www.nccn.org](http://www.nccn.org). Accessed January 8, 2020.
3. Heinrich M, Jones RL, Mehren M, et al. A phase 1 study of BLU-285 in patients with gastrointestinal stromal tumors (GIST) and other relapsed and refractory solid tumors (NAVIGATOR). (2019). Retrieved from <https://clinicaltrials.gov/ct2/show/record/NCT02508532> (Identification No. NCT02508532). Accessed January 11, 2020.
4. DRUGDEX<sup>®</sup> System [Internet database]. Greenwood Village, Colo: Thomson Healthcare. Updated periodically. Accessed January 9, 2020.

Reviews, Revisions, and Approvals	Date	P&T Approval Date
Policy created	01.21.20	02.20

**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.

©2020 Centene Corporation. All rights reserved. All materials are exclusively owned by Centene Corporation and are protected by United States copyright law and international copyright law. No part of this publication may be reproduced, copied, modified, distributed, displayed, stored in a retrieval system, transmitted in any form or by any means, or otherwise published without the prior written permission of Centene Corporation. You may not alter or remove any trademark, copyright or other notice contained herein. Centene<sup>®</sup> and Centene Corporation<sup>®</sup> are registered trademarks exclusively owned by Centene Corporation.