

Clinical Policy: Trametinib (Mekinist)

Reference Number: ERX.SPA.199

Effective Date: 01.11.17

Last Review Date: 05.20

Line of Business: Commercial, Medicaid

[Revision Log](#)

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

Description

Trametinib (Mekinist[®]) is a kinase inhibitor.

FDA Approved Indication(s)

Mekinist is indicated:

- As a single agent for the treatment of BRAF-inhibitor treatment-naïve patients with unresectable or metastatic melanoma with BRAF V600E or V600K mutations as detected by an FDA-approved test
- In combination with dabrafenib:
 - For the treatment of patients with unresectable or metastatic melanoma with BRAF V600E or V600K mutations as detected by an FDA-approved test
 - For the adjuvant treatment of patients with melanoma with BRAF V600E or V600K mutations, as detected by an FDA-approved test, and involvement of lymph node(s), following complete resection
 - For the treatment of patients with metastatic non-small cell lung cancer (NSCLC) with BRAF V600E mutation as detected by an FDA-approved test
 - For the treatment of patients with locally advanced or metastatic anaplastic thyroid cancer (ATC) with BRAF V600E mutations and with no satisfactory locoregional treatment options

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.

Health plan approved formularies should be reviewed for all coverage determinations. Requirements to use preferred alternative agents apply only when such requirements align with the health plan approved formulary.

It is the policy of health plans affiliated with Envolve Pharmacy Solutions[™] that Mekinist is **medically necessary** when the following criteria are met:

I. Initial Approval Criteria

A. Melanoma (must meet all):

1. Diagnosis of melanoma with BRAF V600E or V600K mutation;
2. Disease meets one of the following (a or b):
 - a. Unresectable or metastatic;
 - b. Presence of lymph node(s) involvement following complete resection;
3. Prescribed by or in consultation with an oncologist;
4. Age ≥ 18 years;
5. Request meets one of the following (a or b):*
 - a. Dose does not exceed 2 mg (1 tablet) per day;
 - 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:

Medicaid – 6 months

Commercial – Length of Benefit

B. Non-Small Cell Lung Cancer (must meet all):

1. Diagnosis of advanced, metastatic, or recurrent NSCLC;

2. Prescribed by or in consultation with an oncologist;
 3. Age ≥ 18 years;
 4. Disease is positive for a BRAF V600E mutation;
 5. Prescribed in combination with Tafinlar®;
 6. Request meets one of the following (a or b):*
 - a. Dose does not exceed 2 mg (1 tablet) per day;
 - 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:

Medicaid – 6 months

Commercial – Length of Benefit

C. Anaplastic Thyroid Cancer (must meet all):

1. Diagnosis of ATC;
 2. Prescribed by or in consultation with an oncologist;
 3. Age ≥ 18 years;
 4. Disease is positive for a BRAF V600E mutation;
 5. Prescribed in combination with Tafinlar;
 6. Request meets one of the following (a or b):*
 - a. Dose does not exceed 2 mg (1 tablet) per day;
 - 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:

Medicaid – 6 months

Commercial – Length of Benefit

D. Uveal Melanoma (off-label) (must meet all):

1. Diagnosis of metastatic uveal melanoma;
 2. Prescribed by or in consultation with an oncologist;
 3. Age ≥ 18 years;
 4. Request meets one of the following (a or b):*
 - a. Dose does not exceed 2 mg (1 tablet) per day;
 - 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:

Medicaid – 6 months

Commercial – Length of Benefit

E. Colon Cancer, Rectal Cancer (off-label) (must meet all):

1. Diagnosis of colon cancer or rectal cancer with BRAF V600E mutation;
 2. Disease is unresectable, advanced, or metastatic;
 3. Prescribed by or in consultation with an oncologist;
 4. Age ≥ 18 years;
 5. Prescribed in combination with Tafinlar and either Erbitux® or Vectibix®;
 6. One of the following (a or b):
 - a. Member previously received adjuvant therapy (e.g., FOLFOX, CapeOX);
 - b. Request is for subsequent therapy following previous treatment (e.g., oxaliplatin or irinotecan based therapy);
 7. Request meets one of the following (a or b):*
 - a. Dose does not exceed 2 mg (1 tablet) per day;
 - 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:

Medicaid – 6 months
Commercial – Length of Benefit

F. Ovarian Cancer (off-label) (must meet all):

1. Diagnosis of epithelial ovarian cancer, fallopian tube cancer, or primary peritoneal cancer;
2. Request is for recurrence therapy (e.g., previous treatment with a regimen containing carboplatin, cisplatin, or oxaliplatin) for low-grade serous carcinoma;
3. Prescribed by or in consultation with an oncologist;
4. Age ≥ 18 years;
5. Request meets one of the following (a or b):*
 - a. Dose does not exceed 2 mg (1 tablet) per day;
 - 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:

Medicaid – 6 months
Commercial – Length of Benefit

G. Other diagnoses/indications

1. Refer to ERX.PA.01 if diagnosis is NOT specifically listed under section III (Diagnoses/Indications for which coverage is NOT authorized).

II. Continued Therapy

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

1. Currently receiving medication via a health plan affiliated with Envolve Pharmacy Solutions, or documentation supports that member is currently receiving Mekinist 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 2 mg (1 tablet) per day;
 - b. New dose is supported by practice guideline 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:

Medicaid – 12 months
Commercial – Length of Benefit

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

1. Currently receiving medication via a health plan affiliated with Envolve Pharmacy Solutions and documentation supports positive response to therapy.

Approval duration: Duration of request or 6 months (whichever is less); or

2. Refer to ERX.PA.01 if diagnosis is NOT specifically listed under section III (Diagnoses/Indications for which coverage is NOT authorized).

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 – ERX.PA.01 or evidence of coverage documents.

IV. Appendices/General Information

Appendix A: Abbreviation/Acronym Key

ATC: anaplastic thyroid cancer

BRAF: B-Raf proto-oncogene serine/threonine kinase

FDA: Food and Drug Administration

NSCLC: non-small cell lung cancer

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.

Drug Name	Dosing Regimen	Dose Limit/ Maximum Dose
FOLFOX (fluorouracil, leucovorin, and oxaliplatin); CapeOX (capecitabine and oxaliplatin); FOLFIRI (irinotecan, leucovorin, 5-FU); FOLFOXIRI (irinotecan, oxaliplatin, leucovorin, fluorouracil); IROX (oxaliplatin, irinotecan); oxaliplatin and irinotecan	Colorectal Cancer: Varies	Varies

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

Appendix C: Contraindications/Boxed Warnings

None reported

Appendix D: General Information

- According to NCCN, Mekinist has category 2A recommendation for combination treatment with Tafinlar for brain metastases if active against primary tumor (melanoma) for recurrent disease.

V. Dosage and Administration

Indication	Dosing Regimen	Maximum Dose
Melanoma, NSCLC, ATC	2 mg PO QD at least 1 hour before or at least 2 hours after a meal	2 mg/day

VI. Product Availability

Tablets: 0.5 mg, 2 mg

VII. References

1. Mekinist Prescribing Information. East Hanover, NJ: Novartis Pharmaceuticals Corporation; October 2019. Available at: www.pharma.us.novartis.com/product/pi/pdf/mekinist.pdf. Accessed February 6, 2020.
2. Trametinib. In: National Comprehensive Cancer Network Drugs and Biologics Compendium. Available at NCCN.org. Accessed February 6, 2020.
3. National Comprehensive Cancer Network. Cutaneous Melanoma Version 1.2020. Available at: https://www.nccn.org/professionals/physician_gls/pdf/cutaneous_melanoma.pdf. Accessed February 6, 2020.
4. National Comprehensive Cancer Network. Central Nervous System Cancers Version 3.2019. Available at: https://www.nccn.org/professionals/physician_gls/pdf/cns.pdf. Accessed February 6, 2020.
5. National Comprehensive Cancer Network Guidelines. Non-Small Cell Lung Cancer Version 2.2020. Available at: https://www.nccn.org/professionals/physician_gls/pdf/nscl.pdf. Accessed February 6, 2020.
6. National Comprehensive Cancer Network Guidelines. Thyroid Carcinoma Version 2.2019. Available at: https://www.nccn.org/professionals/physician_gls/pdf/thyroid.pdf. Accessed February 6, 2020.
7. National Comprehensive Cancer Network. Colon Cancer Version 1.2020. Available at: https://www.nccn.org/professionals/physician_gls/pdf/colon.pdf. Accessed February 6, 2020.
8. National Comprehensive Cancer Network. Rectal Cancer Version 1.2020. Available at: https://www.nccn.org/professionals/physician_gls/pdf/rectal.pdf. Accessed February 6, 2020.
9. National Comprehensive Cancer Network. Uveal Melanoma Version 1.2019. Available at: https://www.nccn.org/professionals/physician_gls/pdf/uveal.pdf. Accessed February 6, 2020.
10. National Comprehensive Cancer Network. Ovarian Cancer Version 3.2019. Available at: https://www.nccn.org/professionals/physician_gls/pdf/ovarian.pdf. Accessed February 6, 2020.

Reviews, Revisions, and Approvals	Date	P&T Approval Date
Policy created	12.01.16	01.17
4Q17 Annual Review: no significant changes; changed approval durations from 3/6 months to 6/12 months. Safety criteria revised according to the safety guidance discussed at CPAC and endorsed by Centene Medical Affairs. Removed the following for initial criteria: disease has not progressed on prior BRAF-inhibitor therapy (e.g., Zelboraf, Tafinlar), if prior BRAF-inhibitor therapy was used. Added criteria for FDA approved indication NSCLC.	09.29.17	11.17
2Q 2018 annual review: Added oncologist requirement; Removed NCCN recommendations, as FDA indication covers those recommendations; Added allowance for COC; Increased all approval durations to length of benefit; References reviewed and updated.	02.06.18	05.18
Criteria added for new FDA indications: anaplastic thyroid cancer and the adjuvant treatment of melanoma following complete lymph node(s) resection; added off-label use for uveal melanoma; references reviewed and updated.	05.29.18	08.18
2Q 2019 annual review: no significant changes; references reviewed and updated.	02.26.19	05.19
2Q 2020 annual review: added Medicaid line of business with 6/12 month initial/continued authorization duration; added NCCN supported off-label uses in ovarian, colon, and rectal cancers; added NCCN supported off-label dosing verbiage; for uveal melanoma removed unresectable disease to align with NCCN Compendium; for NSCLC added advanced disease; references reviewed and updated.	02.10.20	05.20

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.

This Clinical Policy is not intended to dictate to providers how to practice medicine, nor does it constitute a contract or guarantee regarding payment or results. 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 policy is the property of Envolve Pharmacy Solutions. Unauthorized copying, use, and distribution of this Policy or any information contained herein is strictly prohibited. By accessing this policy, you agree to be bound by the foregoing terms and conditions, in addition to the Site Use Agreement for Health Plans associated with Envolve Pharmacy Solutions.

©2017 Envolve Pharmacy Solutions. All rights reserved. All materials are exclusively owned by Envolve Pharmacy Solutions 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 Envolve Pharmacy Solutions. You may not alter or remove any trademark, copyright or other notice contained herein.