

## Clinical Policy: Cyclosporine (Cequa, Verkazia, Vevye, Klarity-C)

Reference Number: NH.PMN.48

Effective Date: 06.24

Last Review Date: 04.25

Line of Business: Medicaid

[Revision Log](#)

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

### Description

Cyclosporine ophthalmic (Cequa™, Klarity-C, Verkazia®, Vevye™) is a topical calcineurin inhibitor immunosuppressant.

### FDA Approved Indication(s)

Cequa is indicated to increase tear production in patients with keratoconjunctivitis sicca (dry eye).

Verkazia is indicated for the treatment of vernal keratoconjunctivitis (VKC) in children and adults.

Vevye is indicated for the treatment of the signs and symptoms of dry eye disease.

### 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 Cequa, Klarity-C, Verkazia, and Vevye are **medically necessary** when the following criteria are met:

#### I. Initial Approval Criteria

##### A. Keratoconjunctivitis Sicca (must meet all):

1. Diagnosis of keratoconjunctivitis sicca (dry eye) with suppressed tear production due to ocular inflammation;
2. Trial and failure of two preferred products unless a contraindication exists or clinically significant adverse effects are experienced;
3. For Cequa or Vevye: Age  $\geq$  18 years;
4. Failure of artificial tears at up to maximally indicated doses, unless contraindicated or clinically significant adverse effects are experienced;
5. Failure of at least one ophthalmic anti-inflammatory agent (*see Appendix B for examples*) at up to maximally indicated doses, unless contraindicated or clinically significant adverse effects are experienced;
6. The requested agent is not prescribed in combination with other ophthalmic cyclosporine products (e.g., Verkazia, Klarity-C);
7. Request does not exceed either of the following (a or b):
  - a. For Cequa: 60 vials per 30 days;
  - b. For Vevye: 1 bottle per 50 days.

## CLINICAL POLICY

### Cyclosporine Ophthalmic

**Approval duration:** Length of Benefit

#### **B. Vernal Keratoconjunctivitis (must meet all):**

1. Diagnosis of VKC;
2. Age  $\geq$  4 years;
3. Failure of artificial tears at up to maximally indicated doses, unless contraindicated or clinically significant adverse effects are experienced;
4. Trial and failure of two preferred products unless a contraindication exists or clinically significant adverse effects are experienced;
5. Verkazia and Klarity-C is not prescribed in combination with other ophthalmic cyclosporine products (e.g., Cequa, Restasis, Vevye);
6. Request does not exceed 120 vials per affected eye per 30 days.

**Approval duration: 6 months**

#### **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 PDL, the no coverage criteria policy: CP.PMN.255; or
  - b. For drugs NOT on the PDL, the non-formulary policy: CP.PMN.16; 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: CP.PMN.53.

## **II. Continued Therapy**

#### **A. Keratoconjunctivitis Sicca (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. The requested agent is not prescribed in combination with other ophthalmic cyclosporine products (e.g., Klarity-C, Verkazia);
4. If request is for a dose increase, request does not exceed one of the following (a or b):
  - a. For Cequa: 60 vials per 30 days;
  - b. For Vevye: 1 bottle per 50 days.

**Approval duration:** Length of Benefit

#### **B. Vernal Keratoconjunctivitis (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;

## CLINICAL POLICY

### Cyclosporine Ophthalmic

- 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. Verkazia is not prescribed in combination with other ophthalmic cyclosporine products (e.g., Cequa, Restasis, Vevye);
4. If request is for a dose increase, request does not exceed 120 vials per affected eye per 30 days.

**Approval duration: 12 months**

#### 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 PDL, the no coverage criteria policy: CP.PMN.255; or
  - b. For drugs NOT on the PDL, the non-formulary policy: CP.PMN.16; 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: CP.PMN.53.

#### 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.PMN.53 or evidence of coverage documents.

#### IV. Appendices/General Information

*Appendix A: Abbreviation/Acronym Key*

FDA: Food and Drug Administration

VKC: vernal keratoconjunctivitis

*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
artificial tears (e.g., Visine dry eye relief)	1 to 2 drops in affected eye(s) BID or QID	Various
ophthalmic anti-inflammatory agents for keratoconjunctivitis sicca (e.g., loteprednol etabonate)	1 to 2 drops in each eye BID to QID for up to 2 weeks	Various
Note: Ophthalmic NSAIDs are not indicated.		
topical dual-acting mast cell stabilizer/antihistamine for VKC	1 to 2 drops in affected eye(s) per day	Various

## CLINICAL POLICY

### Cyclosporine Ophthalmic

Drug Name	Dosing Regimen	Dose Limit/ Maximum Dose
(e.g., azelastine, bepotastine, epinastine, ketotifen, olopatadine)		
topical mast cell stabilizer for VKC (e.g., cromolyn, lodoxamide, nedocromil)	2 to 6 drops in affected eye(s) per day	Various
topical antihistamine for VKC (e.g., alcaftadine, emedastine)	1 to 4 drops in affected eye(s) per day	Various

*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):
  - Cequa, Verkazia, Vevye: none reported
  - Restasis: hypersensitivity to cyclosporine or any of the ingredients in the formulation
- Boxed warning(s): none reported

#### Appendix D: General Information

- Artificial tears are the standard therapy for all severity of dry eyes.
- Restasis is likely to be given in conjunction with artificial tears.
- Increased tear production was not seen in patients currently taking topical anti-inflammatory drugs or using punctal plugs.
- Emulsion from one individual, single-use vial is to be used immediately after opening for administration to one or both eyes, and the remaining contents should be discarded immediately after administration.
- Klarity-C is a compounded product. Use of this formulation has not been reviewed by the FDA for any indication. Compounded medications are not reviewed by the FDA for safety or efficacy.

## V. Dosage and Administration

Drug Name	Indication	Dosing Regimen	Maximum Dose
Cyclosporine ophthalmic solution (Cequa, Restasis)	Moderate to severe keratoconjunctivitis sicca	1 drop BID in each eye approximately 12 hours apart	2 drops/day in each eye; 60 vials/30 days
Cyclosporine ophthalmic solution (Vevye)	Dry eye disease	1 drop BID in each eye approximately 12 hours apart	2 drops/day in each eye; 1 bottle/50 days
Cyclosporine ophthalmic solution (Klarity-C, Verkazia)	VKC	1 drop QID in each affected eye	4 drops/day in each eye

# CLINICAL POLICY

## Cyclosporine Ophthalmic

### VI. Product Availability

Drug Name	Availability
Cyclosporine ophthalmic solution (Cequa)	Single use vial: 0.09%, 0.25 mL each of 60 vials/tray
Cyclosporing ophthalmic emulsion (Klarity-C)	Multiple-dose bottle: 0.1%, 5.5 mL total
Cyclosporine ophthalmic emulsion (Restasis)	<ul style="list-style-type: none"> <li>• Single use vial: 0.05%, 0.4 mL each of 30 vials/tray and 60 vials/tray</li> <li>• MultiDose bottle: 0.05%, 5.5 mL total</li> </ul>
Cyclosporine ophthalmic emulsion (Verkazia)	Single use vial: 0.1% (1 mg/mL), 0.3 mL each of 30, 60, or 120 vials/box
Cyclosporine ophthalmic solution (Vevye)	Multiple-dose bottle: 0.1% (1 mg/mL), 2 mL total

### VII. References

1. Cequa Prescribing Information. Cranbury, NJ: Sun Pharmaceutical Industries, Inc.; September 2019. Available at: [www.cequapro.com](http://www.cequapro.com). Accessed January 20, 2023.
2. Restasis Prescribing Information. Irvine, CA: Allergan, Inc.; July 2017. Available at: <https://www.restasis.com>. Accessed January 20, 2023.
3. Verkazia Prescribing Information. Emeryville, CA: Santen Inc; June 2021. Available at: [https://www.accessdata.fda.gov/drugsatfda\\_docs/label/2021/214965s000lbl.pdf](https://www.accessdata.fda.gov/drugsatfda_docs/label/2021/214965s000lbl.pdf). Accessed January 20, 2023.
4. Vevye Prescribing Information. Irvine, CA: Novaliq; May 2023. Available at: [https://www.accessdata.fda.gov/drugsatfda\\_docs/label/2023/217469s000lbl.pdf](https://www.accessdata.fda.gov/drugsatfda_docs/label/2023/217469s000lbl.pdf). Accessed June 7, 2023.
5. The International Dry Eye Workshop. *Ocul Surf.* 2007; 5(2):65-204.
6. American Academy of Ophthalmology Cornea/External Disease Committee. Preferred Practice Pattern® Guidelines. Dry Eye Syndrome. Chicago, IL: American Academy of Ophthalmology; November 2018. Available at: [www.aao.org/ppp](http://www.aao.org/ppp). Accessed January 20, 2023.
7. American Academy of Ophthalmology Cornea/External Disease Committee. Preferred Practice Pattern® Guidelines. Conjunctivitis. Chicago, IL: American Academy of Ophthalmology; November 2018. Available at: [www.aao.org/ppp](http://www.aao.org/ppp). Accessed January 20, 2023.
8. Klarity-C Product Insert. San Diego, CA: ImprimisRx. Available at: [https://www.imprimisrx.com/assets/IMPO0304Rev4\\_PIL\\_Cyclosporine\\_web.pdf](https://www.imprimisrx.com/assets/IMPO0304Rev4_PIL_Cyclosporine_web.pdf). Accessed September 10, 2024.

Reviews, Revisions, and Approvals	Date	P&T Approval Date
Policy created	06.24	06.24
Added Klarity-C to policy per SDC request.	09.24	11.24
Annual review, no significant changes	04.25	04.25

## CLINICAL POLICY

### Cyclosporine Ophthalmic

#### **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.

## CLINICAL POLICY

### Cyclosporine Ophthalmic

**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.

©2012 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® and Centene Corporation® are registered trademarks exclusively owned by Centene Corporation.