

MEDICAL POLICY

POLICY TITLE	ROSACEA
POLICY NUMBER	MP 2.071

Effective Date:	5/1/2023
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I. POLICY

Pharmacologic treatment (e.g., topical and oral medication) may be considered **medically necessary** to control the symptoms and signs of rosacea.

Surgical treatment of severe disfigurement associated with rhinophyma including lasers, dermabrasion, or electrosurgery may be considered **medically necessary** to sculpt the nose to a normal shape and appearance.

Nonpharmacologic treatment of rosacea, including but not limited to, laser and light therapy, dermabrasion, chemical peels, surgical debulking, and electrosurgery is considered **investigational**. There is insufficient evidence to support a general conclusion concerning the health outcomes or benefits associated with this procedure.

Cross-reference:

- MP 1.004** Cosmetic and Reconstructive Surgery
- MP 2.046** Light Therapy
- MP 4.033** Diagnosis and Treatment of Dry Eye Syndrome

II. PRODUCT VARIATIONS

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This policy is only applicable to certain programs and products administered by Capital Blue Cross and subject to benefit variations as discussed in Section VI. Please see additional information below.

FEP PPO - Refer to FEP Medical Policy Manual. The FEP Medical Policy manual can be found at:

<https://www.fepblue.org/benefit-plans/medical-policies-and-utilization-management-guidelines/medical-policies>

III. DESCRIPTION/BACKGROUND

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Rosacea is characterized by episodic erythema, edema, papules, and pustules that occur primarily on the face but may also be present on the scalp, ears, neck, chest, and back. On occasion, rosacea may affect the eyes. Patients with rosacea have a tendency to flush or blush easily. Since rosacea causes facial swelling and redness, it is easily confused with other skin conditions, such as acne, skin allergy, and sunburn.

Rosacea affects mostly adults with fair skin between the ages of 20 and 60 and is more common in women, but often most severe in men. Rosacea is not life-threatening, but if not treated, may

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lead to persistent erythema, telangiectasias, and rhinophyma (hyperplasia and nodular swelling and congestion of the skin of the nose). The etiology and pathogenesis of rosacea is unknown but may be a result of both genetic and environmental factors. Some of the theories as to the causes of rosacea include blood vessel disorders, chronic *Helicobacter pylori* infection, demodex folliculorum (mites), and immune system disorders.

While the clinical manifestations of rosacea do not usually impact the physical health status of the patient, there may be psychological consequences from the most visually apparent symptoms (i.e., erythema, papules, pustules, telangiectasias) that can impact quality of life. Rhinophyma, an end-stage of chronic acne, has been associated with obstruction of nasal passages and basal cell carcinoma in rare, severe cases. The probability of developing nasal obstruction, or basal or squamous cell carcinoma with rosacea is not sufficiently great to warrant preventive removal of rhinophymatous tissue.

Treatment

Rosacea treatment can be effective to relieve its signs and symptoms. Treatment may include oral and topical antibiotics, isotretinoin, beta-blockers, clonidine, and anti-inflammatories. Patients are also instructed on various self-care measures such as avoiding skin irritants and dietary items thought to exacerbate acute flare-ups.

Nonpharmacologic therapy has also been tried in patients who cannot tolerate or do not want to use pharmacologic treatments. To reduce visible blood vessels, treat rhinophyma, reduce redness, and improve appearance, various techniques have been used such as laser and light therapy, dermabrasion, chemical peels, surgical debulking, and electrosurgery. Various lasers used include low-powered electrical devices and vascular light lasers to remove telangiectasias, CO2 lasers to remove unwanted tissue from rhinophyma and reshape the nose, and intense pulsed lights that generate multiple wavelengths to treat a broader spectrum of tissue.

Ocular rosacea can sometimes lead to dry eye syndrome. For discussion and management of dry eye syndrome, see MP 4.033.

Regulatory Status

Several laser and light therapy systems have been cleared for marketing by the U.S. Food and Drug Administration (FDA) through the 510(k) process for various dermatologic indications, including rosacea. For example, rosacea is among the indications for:

- Vbeam laser system (Candela®)
- Stellar M22™ laser system (Lumenis)
- Excel VT®, excel V®, and exo® laser systems (Cutera)
- Harmony® XL multi-application platform laser device (Alma Lasers, Israel)
- UV-300 Pulsed Light Therapy System (New Star Lasers)
- CoolTouch® PRIMA Pulsed Light Therapy System (New Star Lasers,).
FDA product code: GEX.

IV. RATIONALE

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SUMMARY OF EVIDENCE

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For individuals who have rosacea who receive nonpharmacologic treatment (eg, laser therapy, light therapy, dermabrasion), the evidence includes several small randomized, split-face design trials. The relevant outcomes are symptoms, change in disease status, and treatment-related morbidity. The randomized controlled trials evaluated laser and light therapy. No trials assessing other nonpharmacologic treatments were identified. None of the randomized controlled trials included a comparison group of patients receiving a placebo or pharmacologic treatment; therefore, these trials do not offer evidence on the efficacy of laser or light treatment compared with alternative treatments. There is a need for randomized controlled trials that compare nonpharmacologic treatments with placebo controls and with pharmacologic treatments. The evidence is insufficient to determine the effects of the technology on health outcomes.

V. DEFINITIONS

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CONJUNCTIVITIS refers to inflammation of the mucous membrane that lines the eyelids.

COSMETIC SURGERY refers to an elective procedure performed primarily to restore a person’s appearance by surgically altering a physical characteristic that does not prohibit normal function, but is considered unpleasant or unsightly.

FUNCTIONAL IMPAIRMENT refers to a condition that describes a state where an individual is physically limited to perform basic daily activities.

HYPERPLASIA refers to excessive proliferation of normal cells in the normal tissue arrangement of an organ.

TELANGIECTASIA refers to a vascular lesion formed by dilation of a group of small blood vessels.

VI. BENEFIT VARIATIONS

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The existence of this medical policy does not mean that this service is a covered benefit under the member's health benefit plan. Benefit determinations should be based in all cases on the applicable health benefit plan language. Medical policies do not constitute a description of benefits. A member’s health benefit plan governs which services are covered, which are excluded, which are subject to benefit limits and which require preauthorization. There are different benefit plan designs in each product administered by Capital Blue Cross. Members and providers should consult the member’s health benefit plan for information or contact Capital Blue Cross for benefit information.

VII. DISCLAIMER

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Capital Blue Cross’s medical policies are developed to assist in administering a member’s benefits, do not constitute medical advice, and are subject to change. Treating providers are solely responsible for medical advice and treatment of members. Members should discuss any medical policy related to their coverage or condition with their provider and consult their benefit information to determine if the service is covered. If there is a discrepancy between this medical policy and a member’s benefit information, the benefit information will govern. If a provider or a member has a question concerning the application of this medical policy to a specific member’s plan of benefits, please contact Capital Blue Cross’ Provider Services or Member Services. Capital Blue Cross considers the information contained in this medical policy to be proprietary and it may only be disseminated as permitted by law.

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VIII. CODING INFORMATION

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Note: This list of codes may not be all-inclusive, and codes are subject to change at any time. The identification of a code in this section does not denote coverage as coverage is determined by the terms of member benefit information. In addition, not all covered services are eligible for separate reimbursement.

Non-Covered Services:

Procedure Codes								
15788	15789	15792	15793					

Covered when medically necessary as outlined in the policy above:

Procedure Codes								
15780	15781	15783	17000	17003	17004	17106	17107	17108
30120								

ICD-10-CM Diagnosis Code	Description
L71.0	Perioral dermatitis
L71.1	Rhinophyma
L71.8	Other rosacea
L71.9	Rosacea, unspecified

IX. REFERENCES

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Other Sources:

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X. POLICY HISTORY

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MP 2.071	2/27/20 Consensus review. Policy statement unchanged. References and Background updated. Coding reviewed.
	11/20/20 Consensus review. Policy statement unchanged. References updated. Removed procedure code 17104 (deleted code) added 17004.
	8/17/2021 Consensus review. No change to policy statement. References reviewed and updated.
	3/22/2022 Consensus review. No change to policy statement. References reviewed. Added INV codes 15788, 15789, 15792 and 15793.
	1/30/2023 Consensus review. No change to policy statement. Background/regulatory status updated. References reviewed and updated.

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