Medical Policy
Phototherapeutic Keratectomy

Policy Number: 042

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<th>Commercial and Qualified Health Plans</th>
<th>MassHealth</th>
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Overview
The purpose of this document is to describe the guidelines Mass General Brigham Health Plan utilizes to determine medical appropriateness for phototherapeutic keratectomy for Mass General Brigham Health Plan members.

Coverage Guidelines
Mass General Brigham Health Plan will consider coverage of phototherapeutic keratectomy in members with any of the following clinically documented conditions:

- Corneal scars and opacities (including post-traumatic, post-infectious, post-surgical, and secondary to pathology)
- Superficial corneal dystrophy (including granular, lattice, and Reis-Buckler’s dystrophies)
- Irregular corneal surfaces (secondary to Salzmann’s degeneration, keratoconus nodules, or other irregular surfaces)
- Epithelial basement membrane dystrophy
- Recurrent corneal erosion when standard therapeutic regimens measures (e.g. lubricants, hypertonic saline, patching, bandage contact lenses, gentle debridement of severely aberrant epithelium) have failed to halt the erosions

Exclusions
Phototherapeutic keratectomy is considered not medically necessary for any other indication including but not limited to:

- Infectious keratitis
- For cosmetic and/or convenience purposes, (i.e., to replace the need to wear eyeglasses and/or contact lenses).

Definitions
Phototherapeutic Keratectomy: Phototherapeutic keratectomy involves the use of the excimer laser to treat visual impairment or irritative symptoms relating to diseases of the anterior cornea by sequentially ablating (destroying) uniformly thin layers of corneal tissue.

Epithelial basement membrane dystrophy
A disease that disrupts the ability of the epithelium to attach to the lower layers of the cornea. The epithelium will often grow unevenly or will detach from the cornea.

Codes

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<tr>
<th>Authorized CPT/HCPCS Codes</th>
<th>Code Description</th>
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<tr>
<td>S0812</td>
<td>Phototherapeutic keratectomy (PTK)</td>
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Effective
December 2022: Annual update. References updated.
November 2021: Annual Update.
May 2020: Effective Date.

References


