Medical Policy
Orthoptic Training for the Treatment of Vision or Learning Disabilities

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Policy Number: 611
BCBSA Reference Number: 9.03.03 (For Plan internal use only)
NCD/LCD: N/A

Related Policies
None

Policy
Commercial Members: Managed Care (HMO and POS), PPO, and Indemnity Medicare HMO BlueSM and Medicare PPO BlueSM Members

Office-based vergence/accommodative therapy may be MEDICALLY NECESSARY for individuals with symptomatic convergence insufficiency if, following a minimum of 12 weeks of home-based therapy (eg, push-up exercises using an accommodative target; push-up exercises with additional base-out prisms; jump to near convergence exercises; stereogram convergence exercises; recession from a target; and maintaining convergence for 30-40 seconds), symptoms have failed to improve.

Up to 12 sessions of office-based vergence/accommodative therapy, typically performed once a week, has been shown to improve symptomatic convergence insufficiency in children ages 9 to 17 years. If individuals remain symptomatic after 12 weeks of orthoptic training, alternative interventions should be considered.

Orthoptic eye exercises are considered INVESTIGATIONAL for the treatment of learning disabilities.

Orthoptic eye exercises are INVESTIGATIONAL for all other conditions, including but not limited to the following:
- Slow reading
- Visual disorders other than convergence insufficiency such as:
  - Amblyopia
  - Eye movement disorders
  - Focusing disorders
  - Non-strabismic binocular dysfunctions
  - Nystagmus
  - Strabismus.
Prior Authorization Information

Inpatient
- For services described in this policy, precertification/preauthorization **IS REQUIRED** for all products if the procedure is performed **inpatient**.

Outpatient
- For services described in this policy, see below for products where prior authorization **might be required** if the procedure is performed **outpatient**.

### Outpatient

<table>
<thead>
<tr>
<th>Product</th>
<th>Prior Authorization</th>
</tr>
</thead>
<tbody>
<tr>
<td>Commercial Managed Care (HMO and POS)</td>
<td>not required</td>
</tr>
<tr>
<td>Commercial PPO and Indemnity</td>
<td>not required</td>
</tr>
<tr>
<td>Medicare HMO Blue&lt;sup&gt;SM&lt;/sup&gt;</td>
<td>not required</td>
</tr>
<tr>
<td>Medicare PPO Blue&lt;sup&gt;SM&lt;/sup&gt;</td>
<td>not required</td>
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</tbody>
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CPT Codes / HCPCS Codes / ICD Codes

*Inclusion or exclusion of a code does not constitute or imply member coverage or provider reimbursement. Please refer to the member’s contract benefits in effect at the time of service to determine coverage or non-coverage as it applies to an individual member.*

Providers should report all services using the most up-to-date industry-standard procedure, revenue, and diagnosis codes, including modifiers where applicable.

The following codes are included below for informational purposes only; this is not an all-inclusive list.

The above **medical necessity criteria MUST** be met for the following codes to be covered for Commercial Members: Managed Care (HMO and POS), PPO, Indemnity, Medicare HMO Blue and Medicare PPO Blue:

**CPT Codes**

<table>
<thead>
<tr>
<th>CPT codes:</th>
<th>Code Description</th>
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</thead>
<tbody>
<tr>
<td>92065</td>
<td>Orthoptic training; performed by a physician or other qualified health care professional</td>
</tr>
<tr>
<td>92066</td>
<td>Orthoptic training; under supervision of a physician or other qualified health care professional</td>
</tr>
</tbody>
</table>

The following ICD Diagnosis Codes are considered medically necessary when submitted with the CPT code above if **medical necessity criteria** are met:

**ICD-10-CM Diagnosis Codes**

<table>
<thead>
<tr>
<th>ICD-10-CM diagnosis codes:</th>
<th>Code Description</th>
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<tbody>
<tr>
<td>H51.11</td>
<td>Convergence insufficiency</td>
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</tbody>
</table>

**Description**

**Treatment**

Orthoptic training refers to techniques designed to correct accommodative and convergence insufficiency (or convergence dysfunction), which may include push-up exercises using an accommodative target of letters, numbers, or pictures; push-up exercises with additional base-out prisms; jump-to-near convergence exercises; stereogram convergence exercises; and recession from a target. A related but distinct training technique is behavioral or perceptual vision therapy, in which eye movement and eye-hand coordination training techniques are used to improve learning efficiency by optimizing visual processing skills.
In addition to its use in the treatment of accommodative and convergence dysfunction, orthoptic training is being investigated for the treatment of attention deficit disorders, dyslexia, dysphasia, and reading disorders.

**Summary**
Orthoptic training refers to techniques designed to correct accommodative and convergence insufficiency (or convergence dysfunction). Regimens may include push-up exercises using an accommodative target of letters, numbers, or pictures; push-up exercises with additional base-out prisms; jump-to-near convergence exercises; stereogram convergence exercises; and/or recession from a target. In addition to its use to treat convergence insufficiency, orthoptic training has been investigated for treating attention deficit disorders, dyslexia, and dysphasia.

**Summary of Evidence**
For individuals who have convergence insufficiency who receive office-based orthoptic training, the evidence includes a TEC Assessment, systematic reviews, several randomized controlled trials (RCTs), and nonrandomized comparative studies. Relevant outcomes are symptoms and functional outcomes. The most direct evidence on office-based orthoptic training comes from a 2008 RCT that demonstrated that office-based vision or orthoptic training improves symptoms of convergence insufficiency in a greater percentage of patients than a home-based vision exercise program consisting of pencil push-ups or home computer vision exercises. Subgroup analyses of this RCT demonstrated improvements in accommodative vision, parental perception of academic behavior, and specific convergence insufficiency-related symptoms. However, in this trial, as in others, the home-based regimen did not include the full range of home-based therapies, which may have biased results in favor of the orthoptic training. Another RCT published in 2019 did not find a difference in symptoms of convergence insufficiency between office-based orthoptic training plus home exercises and office-based placebo therapy plus home exercises, possibly due to notable improvements in symptoms in the placebo group. The evidence is insufficient to determine that the technology results in an improvement in the net health outcome.

For individuals who have learning disabilities who receive office-based orthoptic training, the evidence includes nonrandomized comparative and noncomparative studies. Relevant outcomes are functional outcomes. Studies have not directly demonstrated improvements in reading or learning outcomes with orthoptic training. At least 2 earlier studies that addressed other types of vision therapies have reported mixed improvements in reading. The evidence is insufficient to determine that the technology results in an improvement in the net health outcome.

**Policy History**

<table>
<thead>
<tr>
<th>Date</th>
<th>Action</th>
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<tbody>
<tr>
<td>5/2023</td>
<td>Annual policy review. Minor editorial refinements to policy statements; intent unchanged.</td>
</tr>
<tr>
<td>1/2023</td>
<td>Coding information clarified.</td>
</tr>
<tr>
<td>4/2021</td>
<td>Annual policy review. Description, summary, and references updated. Policy statements unchanged.</td>
</tr>
<tr>
<td>5/2020</td>
<td>Annual policy review. Description, summary, and references updated. Policy statements unchanged.</td>
</tr>
<tr>
<td>9/2017</td>
<td>Medically necessary criteria clarified.</td>
</tr>
<tr>
<td>4/2017</td>
<td>Annual policy review. New references added.</td>
</tr>
<tr>
<td>5/2014</td>
<td>Medical policy ICD10 remediation: Formatting, editing and coding updates. No changes to policy statements.</td>
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</tbody>
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Information Pertaining to All Blue Cross Blue Shield Medical Policies

Click on any of the following terms to access the relevant information:
- Medical Policy Terms of Use
- Managed Care Guidelines
- Indemnity/PPO Guidelines
- Clinical Exception Process
- Medical Technology Assessment Guidelines

References