Medical Policy
Surgical Deactivation of Headache Trigger Sites

Table of Contents
- Policy: Commercial
- Policy: Medicare
- Authorization Information
- Coding Information
- Description
- Policy History
- Information Pertaining to All Policies
- References

Policy Number: 801
BCBSA Reference Number: 7.01.135

Related Policies
- Biofeedback for the Treatment of Headache, #152
- Occipital Nerve Stimulation, #237

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

Surgical deactivation of trigger sites is considered INVESTIGATIONAL for the treatment of migraine and non-migraine headache.

Prior Authorization Information
Pre-service approval is required for all inpatient services for all products.
See below for situations where prior authorization may be required or may not be required for outpatient services.
Yes indicates that prior authorization is required.
No indicates that prior authorization is not required.
N/A indicates that this service is primarily performed in an inpatient setting.

<table>
<thead>
<tr>
<th>Outpatient</th>
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<tbody>
<tr>
<td>Commercial Managed Care (HMO and POS)</td>
<td>This is not a covered service.</td>
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<tr>
<td>Commercial PPO and Indemnity</td>
<td>This is not a covered service.</td>
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<tr>
<td>Medicare HMO BlueSM</td>
<td>This is not a covered service.</td>
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<tr>
<td>Medicare PPO BlueSM</td>
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CPT Codes / HCPCS Codes / ICD-9 Codes
The following codes are included below for informational purposes. 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.

CPT Codes
There is no specific SPT code for this service.

Description
Surgical deactivation of trigger sites is a proposed treatment of migraine headache. The procedure involves identifying a patient's predominant migraine trigger site and transecting the branches of the trigeminal nerve supplying that area of head and neck. The treatment is based on the theory that migraine headaches arise due to inflammation of trigeminal nerve branches in the head and neck caused by irritation of the surrounding structures.

Summary
The evidence on the effectiveness of surgical deactivation of trigger sites to treat migraine headache consists of one double-blind sham-controlled RCT and an earlier non-blinded RCT without sham control by the same research group, which is also the research group that developed the procedure. In the 2 published RCTs, patients were selected for randomization based on clinical evaluation and their response to injections of botulinum toxin A. A 2012 analysis questions the necessity of using diagnostic botulinum toxin injections for patient selection; however, the efficacy of surgical deactivation of trigger sites following patient selection by clinical evaluation alone has not been evaluated in RCTs. Both trials reported statistically significantly better outcomes at 12 months in patients who received active surgery for migraine headache. In addition, several case series, but no controlled studies, have been published by other research groups.

This evidence is suggestive of a benefit from surgical deactivation, but is not sufficient to form definite conclusions. There is a need for additional sham-controlled studies by other research groups to confirm the results of the single published trial using sham surgery. In addition, there is a need for further refinement of patient selection criteria and evaluation of any altered selection process e.g., without the use of diagnostic Botox injections in controlled studies. Thus, surgical deactivation of trigger sites to treat migraine headache is considered investigational.

Policy History

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<tr>
<th>Date</th>
<th>Action</th>
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<tr>
<td>11/2015</td>
<td>New references added from BCBSA National medical policy.</td>
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<td>10/2014</td>
<td>New references added from BCBSA National medical policy.</td>
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<td>2/2013</td>
<td>New medical policy describing investigational indications.</td>
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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