

MP.016.MPC Temporomandibular Joint Disorders

Maryland Physicians Care considers **Temporomandibular Joint (TMJ) Disorders** medically necessary as outlined below.

Temporomandibular joint disorders include internal joint derangement, degenerative joint disease, rheumatoid arthritis, mandibular dislocation, ankyloses, hyper/hypoplasia, condylar osteolysis and fractures and are characterized by the following ^(1, 2):

- Unilateral or bilateral pain, with or without joint noises (clicking, popping, and crepitation)
 - Pain is continuous or intermittent, increases with joint function (i.e. chewing), and is localized to the joint
- Hypo (restricted) or hyper (excessive) mandibular
- Imaging evidence of joint derangement or disease
- Diagnostic laboratory testing (i.e., a rheumatoid panel)

Nonsurgical Management

Coverage for Nonsurgical Management includes ^(1, 2, 3):

- Medical visits
- Diagnostic x-rays/imaging studies (radiographs, panoramic radiographic imaging, cephalometric radiographic images, arthrogram, MRI and/or CT)
- Pharmacological treatment for pain – usually pain is relieved with over-the-counter non-steroidal anti-inflammatory drugs (NSAIDs) or other pain medications
- Arthrocentesis
- TMJ joint injections – intracapsular diagnostic and therapeutic injections or injections of anesthetic agents into the trigeminal nerve are limited to once per course of treatment

Note: Documentation must indicate patient education related to stress reduction, dietary recommendations, jaw rest and modification of jaw habits.

Surgical Management

Note: Surgical intervention is only medically necessary when treatment with conventional non-surgical therapy for six months has not resulted in adequate improvement.

Coverage for surgical management is indicated with **at least two** of the following ^(1, 2, 3, 4):

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- Earaches, headaches, masticatory or cervical myalgias refractory to medical treatment
- Difficulty chewing
- Abnormal range of motion manifested by **any one** of the following ^(5, 6):
 - i. Interincisal opening < 35 mm, or
 - ii. Lateral excursive movement < 7mm

Covered Surgical treatment includes the following ^(1, 3):

- Arthroscopic surgery
- Arthrotomy or arthroplasty
- Disc repair procedures
- Discectomy without or with replacement
- Articular surface recontouring (condylectomy and eminectomy or eminoplasty)
- Removal of failed implants
- Mandibular condylotomy
- Partial or total joint reconstruction
- Condylectomy for DJD (partial or complete)
- Orthognathic surgery – for correction of jaw deformities could also be done as an adjunct to definitive joint treatment when related to deformities resulting in TMJ dysfunction

Note: All procedures to treat TMJ dislocations must be accompanied with a diagnosis of dislocation.

Limitations

The following services for TMJ disorders are ineligible or not covered for payment under this policy:

- Oral appliances/splints and dental prostheses (stabilization splints) including the Therabite Jaw Motion Rehabilitation system or orthodontic treatment including irreversible occlusal therapy
- Physical Therapy
- Continuous Passive Motion (CPM) therapy
- Range of motion measurements
- Biofeedback
- Botulinum toxin (type A or Type B)
- Alloplastic joint implants
- Acupuncture
- Cognitive behavioral therapy
- Pulsed radiofrequency energy - Energex

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- Electromyography
- Kinesiography
- Lateral skull X-rays
- Neuromuscular junction testing
- Nuclear medicine studies
- Somatosensory testing
- Sonogram
- Transcranial X-rays
- Ultrasonic Doppler auscultation

CPT Codes / HCPCS Codes / ICD-10 Codes

Code	Description
Medical CPT Codes	
20605	Arthrocentesis, aspiration and/or injection; intermediate joint or bursa (e.g., temporomandibular acromioclavicular, wrist, elbow or ankle, olecranon bursa)
20606	Arthrocentesis, aspiration and/or injection, intermediate joint or bursa (e.g., temporomandibular, acromioclavicular, wrist, elbow or ankle, olecranon bursa); with ultrasound guidance, with permanent recording and reporting
21116	Injection procedure for temporomandibular joint arthrography
21480	Closed treatment of temporomandibular dislocation; initial or subsequent
21485	Closed treatment of temporomandibular dislocation; complicated (eg, recurrent requiring intermaxillary fixation or splinting), initial or subsequent
21490	Open treatment of temporomandibular dislocation
64400	Injection(s), anesthetic agent(s) and/or steroid; trigeminal nerve, each branch (ie, ophthalmic, maxillary, mandibular)
64999	Unlisted procedure, nervous system
70328	Radiologic examination, temporomandibular joint, open and closed mouth; unilateral
70330	Radiologic examination, temporomandibular joint, open and closed mouth; bilateral
70336	Magnetic Resonance Imaging (MRI)

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70450	Computed tomography, head or brain; without contrast material
70460	Computed tomography, head or brain; with contrast material(s)
70470	Computed tomography, head or brain; without contrast material, followed by contrast material(s) and further sections
70486	Computed tomography, maxillofacial area; without contrast material
70487	Computed tomography, maxillofacial area; with contrast material(s)
70488	Computed tomography, maxillofacial area; without contrast material, followed by contrast material(s) and further sections
Surgical CPT Codes	
21010	Arthrotomy (temporomandibular joint)
21050	Total condylectomy (temporomandibular joint)
21060	Meniscectomy (partial or complete, temporomandibular joint)
21073	Manipulation of temporomandibular joint(s); temporomandibular joint therapeutic, requiring an anesthesia service (general or monitored anesthesia care)
21240	Arthroplasty, temporomandibular joint with or without autograft
21242	Arthroplasty, temporomandibular joint with allograft
21243	Arthroplasty, temporomandibular joint with prosthetic joint replacement
29800	Arthroscopic procedures of the temporomandibular joint, diagnostic arthroscopy
29804	Therapeutic arthroscopy, temporomandibular joint, surgical
70332	Arthrography – temporomandibular joint radiological supervision & interpretation
70355	Orthopantomogram
ICD-10 Codes	
M26.60	Temporomandibular joint disorder, unspecified
M26.601-M26.69	Temporomandibular joint disorders
S02.400A-S02.402S	Fracture of malar or maxillary
S02.600A-S02.69XS	Fractures of mandible

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