

 Texas Children's	Oral Surgery Guidelines	
Guideline # 6192	Categories Clinical → Care Management CM, TCHP Guidelines, Utilization Management UM	This Guideline Applies To: Texas Children's Health Plan
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GUIDELINE STATEMENT:

Texas Children's Health Plan (TCHP) performs authorization of all Oral Surgery Procedures.

DEFINITIONS:

- A **sound tooth** is one sufficiently supported by its natural structure (bone and gum tissue) and one that is formed by the human body and is not decayed or weakened by previous dental work at the injury site. For example, a tooth with no crowns, root canals, periodontal condition and no fractures and one that is not in need of treatment for any reason other than the accidental injury.
- **Congenital anomaly or disease** is defined as an abnormality of structure or function that was present at birth (e.g., cleft palate, ectodermal dysplasia). A clinical condition that develops after birth but is based on inherited factors (e.g., diabetes) is not considered congenital.

PRIOR AUTHORIZATION GUIDELINES

1. Surgical procedures to correct cleft lip and palate do not require prior authorization.
2. All requests for prior authorization for oral surgery are received via online submission, fax, phone or mail by the Utilization Management Department and processed during normal business hours.
3. The Utilization Management professional receiving the request evaluates the submitted information to determine if the documentation supports the oral surgery procedure as an eligible service.
4. To request prior authorization for oral surgery, the requesting provider must supply:
 - 4.1. Documentation supporting the medical necessity of the procedure requested
 - 4.2. Identify the location or facility where the services will be provided
5. TCHP covers medically necessary oral surgery procedures in the following clinical situations:
 - 5.1. Developmental Cysts of epithelial remnants (e.g., globulomaxillary cysts, median alveolar cysts, median palatine cysts, nasopalatine cysts) are not tooth related. Removal of these cysts is considered medically appropriate.

5.2. Biopsy of the buccal mucosa, tongue or palate

5.3. A biopsy of the gingiva or supporting structures of the teeth is a medical procedure unless tissue was obtained as part of a routine tooth extraction or a routine periodontal procedure. If the biopsy reveals only a dental condition, subsequent care or treatment of that condition is ineligible for coverage under medical/ surgical contracts.

5.4. Services for the treatment of accidental injury caused by a force outside of the body or oral cavity to sound and natural teeth, when initial treatment is rendered within 90 days from the date of injury, are eligible for coverage if the affected tooth is sound and natural with no restorative treatment and no disease prior to the injury.

5.5. The services are for the treatment of an underlying congenital anomaly or disease that was present at birth and medical documentation of the anomaly is provided (e.g., genetic testing records, birth records).

5.6. Mandibular/Maxillary (orthognathic) surgery to treat any of the following:

5.6.1. **Dysphagia** when **all** of the following criteria are met:

5.6.1.1. Symptoms related to difficulty chewing such as: choking due to incomplete mastication, or difficulty swallowing chewed solid food, or ability to chew only soft food or reliance on liquid food; **and**

5.6.1.2. Symptoms must be documented in the medical record, must be significant and must persist for at least 4 months; **and**

5.6.1.3. Other causes of swallowing or choking problems have been ruled out by history, physical exam and appropriate diagnostic studies.

OR

5.6.2. **Speech abnormalities** determined by a speech pathologist or therapist to be due to a malocclusion and not helped by orthodontia or at least 6 months of speech therapy.

OR

5.6.3. **Intra-oral trauma** while chewing related to malocclusion (for example, loss of food through the lips during mastication, causing recurrent damage to the soft tissues of the mouth during mastication).

OR

5.6.4. **Masticatory dysfunction or malocclusion** when criteria below are met OR:

5.6.4.1. Completion of skeletal growth with long bone x-ray or serial cephalometrics showing no change in facial bone relationships over the last 3- to 6-month period (Class II malocclusions and individuals age 18 and over do not require this documentation); **and**

5.6.4.2. Documentation of malocclusion with either intra-oral casts (if applicable), bilateral lateral x-rays, cephalometric radiograph with measurements, panoramic radiograph or tomograms; **and**

5.6.4.3. **ANY one** of the following is documented:

5.6.4.3.1. Anteroposterior discrepancies defined as **either** of the following:

5.6.4.3.1.1. Maxillary/Mandibular incisor relationship (established norm = 2 mm) defined as **one** of the following:

5.6.4.3.1.1.1. Horizontal overjet of 5mm or more, **or**

5.6.4.3.1.1.2. Horizontal overjet of zero to a negative value.
(Note: Overjet up to 5mm may be treatable with routine orthodontic therapy); **or**

5.6.4.3.1.2. Maxillary/Mandibular anteroposterior molar relationship discrepancy of 4mm or more (norm 0 to 1mm).

5.6.4.3.2. Vertical discrepancies defined as **any** of the following:

5.6.4.3.2.1. Presence of a vertical facial skeletal deformity which is two or more standard deviations from published norms for accepted skeletal landmarks; **or**

5.6.4.3.2.2. Open bite (defined as **one** of the following):
1. No vertical overlap of anterior teeth; **or**
2. Unilateral or bilateral posterior open bite greater than 2mm; **or**

5.6.4.3.2.3. Deep overbite with impingement or irritation of buccal or lingual soft tissues of the opposing arch; **or**

5.6.4.3.2.4. Supra-eruption of a dentoalveolar segment due to lack of occlusion.

5.6.4.3.3. Transverse discrepancies defined as **either** of the following:

5.6.4.3.3.1. Presence of a transverse skeletal discrepancy which is two or more standard deviations from published norms; **or**

5.6.4.3.3.2. Total bilateral maxillary palatal cusp to mandibular fossa discrepancy of 4 mm or greater, or a unilateral discrepancy of 3 mm or greater, given normal axial inclination of the posterior teeth.

5.6.4.3.4. Asymmetries defined as the following:

5.6.4.3.4.1. Anteroposterior, transverse or lateral asymmetries greater than 3 mm with concomitant occlusal asymmetry.

5.6.5. Significant variation from normal related to accidental injury, disease, trauma, or treatment of a disease or congenital defect.

6. TCHP does not cover Oral surgical procedures unless otherwise stated in this guideline. Oral surgical procedures not covered may include, but are not limited to:

6.1. routine dental extractions

6.2. periodontal treatment

6.3. biopsies for dental related cysts or tissue of dental origin (e.g., amalgam tattoo, fibroma, or hyperkeratoses).

6.4. Removal of tooth-related cysts (e.g., follicular-dentigerous, primordial, or multilocular-cysts, cysts of malassez, radicular cysts, residual cysts and odontomas)

7. This Guideline does not apply to the diagnosis and treatment of temporomandibular disorders (TMJ) – please see the Temporomandibular Disorders (TMJ) guidelines for relevant information.

8. All requests for Oral surgery procedures that do not meet the guidelines referenced here will be referred to a TCHP Medical Director/Physician Reviewer for review and the Denial Policy will be followed.
9. Preauthorization is based on medical necessity and not a guarantee of benefits or eligibility. Even if preauthorization is approved for treatment or a particular service, that authorization applies only to the medical necessity of treatment or service. All services are subject to benefit limitations and exclusions. Providers are subject to State and Federal Regulatory compliance and failure to comply may result in retrospective audit and potential financial recoupment.

REFERENCES:

Peer Reviewed Publications:

- Aghabeigi B, Hiranaka D, Keith DA, et al. Effect of orthognathic surgery on the temporomandibular joint in patients with anterior open bite. *Int J Adult Orthodon Orthognath Surg.* 2001; 16(2):153-160.
- Ahn SJ, Kim JT, Nahm DS. Cephalometric markers to consider in the treatment of Class II Division 1 malocclusion with the bionator. *Am J Orthod Dentofacial Orthop.* 2001; 119(6):578-586.
- Cheung LK, Lo J. The long-term clinical morbidity of mandibular step osteotomy. *Int J Adult Orthod Orthognath Surg.* 2002; 17(4):283-290.
- Han H, Davidson WM. A useful insight into 2 occlusal indexes: HLD(Md) and HLD(CalMod). *Am J Orthod Dentofacial Orthop.* 2001; 120(3):247-253.
- Huang CS, Hsu SS, Chen YR. Systematic review of the surgery-first approach in orthognathic surgery. *Biomed J.* 2014; 37(4):184-190.
- Incisivo V, Silvestri A. The reliability and variability of SN and PFH reference planes in cephalometric diagnosis and therapeutic planning of dentomaxillofacial malformations. *J Craniofac Surg.* 2000; 11(1):31-38.
- Kim JC, Mascarenhas AK, Joo BH, et al. Cephalometric variables as predictors of Class II treatment outcome. *Am J Orthod Dentofacial Orthop.* 2000; 118(6):636-640.
- Mihalik CA, Profitt WR, Phillips C. Long-term follow-up of Class II adults treated with orthodontic camouflage: a comparison with orthognathic surgery outcomes. *Am J Orthod Dentofacial Orthop.* 2003; 123(3):266-278.
- Nickel JC, Yao P, Spalding PM, Iwasaki LR. Validated numerical modeling of the effects of combined orthodontic and orthognathic surgical treatment on TMJ loads and muscle forces. *Am J Orthod Dentofacial Orthop.* 2002; 121(1):73-83.
- Oguri Y, Yamada K, Fukui T, et al. Mandibular movement and frontal craniofacial morphology in orthognathic surgery patients with mandibular deviation and protrusion. *J Oral Rehabil.* 2003; 30(4):392-400.
- Oomens MA, Verlinden CR, Goey Y, Forouzanfar T. Prescribing antibiotic prophylaxis in orthognathic surgery: a systematic review. *Int J Oral Maxillofac Surg.* 2014; 43(6):725-731.

- Park JE, Baik SH. Classification of angle Class III malocclusion and its treatment modalities. *Int J Adult Orthod Orthognath Surg*. 2001; 16(1):19-29.
- Ruf S, Pancherz H. Orthognathic surgery and dentofacial orthopedics in adult Class II Division 1 treatment: mandibular sagittal split osteotomy versus Herbst appliance. *Am J Orthod Dentofacial Orthop*. 2004; 126(2):140-152.
- Stellzig-Eisenhauser A, Lux CJ, Schuster G. Treatment decision in adult patients with Class III malocclusion: orthodontic therapy or orthognathic surgery? *Am J Orthod Dentofacial Orthop*. 2002; 122(1):27-38.
- Wolford LM, Karras S, Mehra P. Concomitant temporomandibular joint and orthognathic surgery: a preliminary report. *J Oral Maxillofac Surg*. 2002; 60(4):356-362.
- Wolford LM, Karras SC, Mehra P. Consideration for orthognathic surgery during growth, part 1: mandibular deformities. *Am J Orthod Dentofacial Orthop*. 2001; 119(2):95-101.
- Wolford LM, Karras SC, Mehra P. Consideration for orthognathic surgery during growth, part 2: maxillary deformities. *Am J Orthod Dentofacial Orthop*. 2001; 119(2):102-105.
- Yamada K, Hanada K, Hayashi T, Ito J. Condylar bony change, disk displacement, and signs and symptoms of TMJ disorders in orthognathic surgery patients. *Oral Surg Oral Med Oral Pathol Oral Radiol Endod*. 2001; 91(5):603-610.

Government Agency, Medical Society, and Other Authoritative Publications:

- Texas Medicaid Provider Procedures Manual
http://www.tmhp.com/TMHP_File_Library/Provider_Manuals/TMPPM/2019/Sept_2019%20TMPPM.pdf
- American Society of Oral and Maxillofacial Surgeons, Resources, downloaded from
<http://www.aaoms.org/practiceresources>

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