

Case Number:	CM13-0015431		
Date Assigned:	03/12/2014	Date of Injury:	08/28/2007
Decision Date:	04/17/2014	UR Denial Date:	08/05/2013
Priority:	Standard	Application Received:	08/22/2013

HOW THE IMR FINAL DETERMINATION WAS MADE

MAXIMUS Federal Services sent the complete case file to an expert reviewer. He/she has no affiliation with the employer, employee, providers or the claims administrator. The expert reviewer is licensed in Dentistry and is licensed to practice in California. He/she has been in active clinical practice for more than five years and is currently working at least 24 hours a week in active practice. The expert reviewer was selected based on his/her clinical experience, education, background, and expertise in the same or similar specialties that evaluate and/or treat the medical condition and disputed items/services. He/she is familiar with governing laws and regulations, including the strength of evidence hierarchy that applies to Independent Medical Review determinations.

CLINICAL CASE SUMMARY

The expert reviewer developed the following clinical case summary based on a review of the case file, including all medical records:

As found in [REDACTED] report dated 07/31/12, the patient has reported that on 11/01/2006 he was involved in an industrial injury, which subsequently caused him orthopedic pain. The patient finds that he has developed emotional stressors due to the pain. The patient finds that he is clenching his teeth and bracing his facial musculature, which has resulted in the patient developing facial and jaw pain. The patient has also reported that as a result of the bruxism, clenching and grinding of his teeth, has fractured some of his teeth. The patient is also taking a number of medications, which have caused him to have dry mouth with resulting decay of the teeth. As a result, [REDACTED] has found that, among other treatments needed, the patient needs several extractions due to fracture, periodontal disease, and bruxism, and an immediate mandibular denture, which will need tissue conditioning and relines. [REDACTED] is also requesting Bone graft, guided tissue regeneration, and surgical extraction of the fractured teeth #23-27, and non-restorable teeth #6, 12,13.

IMR ISSUES, DECISIONS AND RATIONALES

The Final Determination was based on decisions for the disputed items/services set forth below:

BONE GRAFT FOR RIDGE PRESERVATION OF TOOTH #6, 12, 13, 22, 23, 24, 25, 26 AND 27: Overturned

Claims Administrator guideline: The Claims Administrator did not base their decision on the MTUS. Decision based on Non-MTUS Citation Official Disability Guidelines (ODG), Head Chapter, Dental trauma treatment.

MAXIMUS guideline: The Expert Reviewer did not base their decision on the MTUS. Decision based on Non-MTUS Citation Medscape Reference, Dental Implant Placement . Author: Jeff Burgess, DDS, MSD; Chief Editor: Arlen D Meyers, MD, MBA, as well as an article from the Australian Dental Journal, "Current perspectives on the role of ridge (socket) preservation procedures in dental implant treatment in the aesthetic zone"

Decision rationale: By referring to the citations listed above, it is found that the bone graft for ridge preservation is medically necessary. The patient will be having extractions of several teeth, and bone graft will be necessary to preserve the ridge. It was found that ridge preservation techniques are effective in minimizing post-extraction alveolar ridge contraction (Kassim B, 2014) and in cases where there has been extensive alveolar bone loss following extraction, it may be necessary to provide bone augmentation prior to implant placement. (Burgess)

RELIN MANDIBULAR PARTIAL CHAI RE-EVAL 0170: Overturned

Claims Administrator guideline: The Claims Administrator did not base their decision on the MTUS. Decision based on Non-MTUS Citation NON-MTUS

MAXIMUS guideline: The Expert Reviewer did not base their decision on the MTUS. Decision based on Non-MTUS Citation Clin Periodontol. 2013 Jan;40(1):90-8. Doi:10.1111/Jcpe.12027.Epub 2012 Nov 19. Radiographic Evaluation Of Different Techniques For Ridge Preservation After Tooth Extraction. Jung Re, Et Al. Medscape:Complete Dentures. Abdulwaheed A.

Decision rationale: As reported, the patient will be receiving an immediate mandibular denture after extractions of several teeth. [REDACTED] has found moderate to severe bone loss. Considering all findings, tissue conditioning for the mandibular partial is recommended to compensate for the initial bone loss after extractions, and allow the patient to wear his dentures while his gums are healing after the extractions. As discussed in above citation, immediate complete dentures are dentures usually delivered immediately after all remaining teeth of a dental arch are removed. During the healing process, this denture helps to confine the remodeling of the underlying ridge to the interior of the denture. Ordinarily, this type of prosthesis must be relined periodically as the underlying tissues heal and remodel. Therefore, tissue conditioning for a mandibular immediate partial is medically necessary.

GUIDED TISSUE REGENERATION (GTR) FOR TOOTH# 6, 12, 13, 22, 23, 24, 25, 26 and 27: Overturned

Claims Administrator guideline: The Claims Administrator did not base their decision on the MTUS. Decision based on Non-MTUS Citation ODG, Head Chapter, Dental trauma treatment.

MAXIMUS guideline: The Expert Reviewer did not base their decision on the MTUS. Decision based on Non-MTUS Citation study in Alpha Omegan 1992;85(4):25-8. Guided Tissue Regeneration And Gtam For Periodontal Regenerative Therapy, Ridge Augmentation And Dental Implantology. Rosenber Es1 Cutler SA.

Decision rationale: It was found that the indications for GTR are to gain new attachment around natural teeth, improve the aesthetics and ridge form in cases of collapsed or deformed ridges and increase the amount of available bone for osseointegrated implants, (Rosenberg, 1992) and that regenerative therapy can be utilized to augment edentulous ridges and improve ridge-pontic relationships as well as improve aesthetics in ridge abnormalities. Edentulous ridges augmented by GTR can have increased amount of bone height and width for endosseous implant placement. (Rosenberg, 1992) Since Guided tissue regeneration (GTR) has been found to give successful gain of bony structure for endosseous implant placement, the requested GTR is found to be a medical necessity.

SURGICAL EXTRACTIONS OF ERUPTED TOOTH# 6, 12, 13, 22, 23, 24, 25, 26 AND 27: Overturned

Claims Administrator guideline: The Claims Administrator did not base their decision on the MTUS. Decision based on Non-MTUS Citation ODG, Head Chapter, Dental trauma treatment.

MAXIMUS guideline: The Expert Reviewer did not base their decision on the MTUS. Decision based on Non-MTUS Citation Medscape Reference: Tooth Extraction. Author: Talib Najjar, DMD, MDS, PhD; Chief Editor: Arlen D Meyers, MD, MBA,

Decision rationale: There are circumstances in which it is clear that a tooth must be extracted, such as the teeth being cracked from trauma and teeth that cannot be restored because of severe caries. The teeth that are proposed to be extracted by [REDACTED] fit the criteria in the reference cited above. The reports for this patient indicated that the patient has fractured teeth #23-27 due to trauma, and non-restorable teeth #6,12,13, due to caries and periodontal disease. These descriptions fit the above cited criteria. It is therefore found the requested extractions are a medical necessity.

TISSUE CONDITIONING FOR A MANDIBULAR DENTURE: Overturned

Claims Administrator guideline: The Claims Administrator did not base their decision on the MTUS. Decision based on Non-MTUS Citation ODG, Head Chapter, Dental trauma treatment.

MAXIMUS guideline: The Expert Reviewer did not base their decision on the MTUS. Decision based on Non-MTUS Citation Citation: J Clin Periodontol. 2013 Jan;40(1):90-8. Doi:10.1111/Jcpe.12027.Epub 2012 Nov 19. Radiographic Evaluation Of Different Techniques For Ridge Preservation After Tooth Extraction. Jung Re, Et Al. Medscape:Complete Dentures. Abdulwaheed A as well as a Medscape reference: Complete Dentures. Author: Abdullaibrahim Abdulwaheed, DMD; Chief Editor: Jeff Burgess, DDS, MSD.

Decision rationale: As reported, the patient will be receiving an immediate mandibular denture after extractions of several teeth. [REDACTED] has found moderate to severe bone loss. Considering all findings, tissue conditioning for the mandibular partial is recommended to compensate for the initial bone loss after extractions, and allow the patient to wear his dentures while his gums are healing after the extractions. As discussed in above citation, immediate

complete dentures are dentures usually delivered immediately after all remaining teeth of a dental arch are removed. During the healing process, this denture helps to confine the remodeling of the underlying ridge to the interior of the denture. Ordinarily, this type of prosthesis must be relined periodically as the underlying tissues heal and remodel. Therefore, tissue conditioning for a mandibular immediate partial is medically necessary.