



# Dental Clinical Policy

**Subject:** Periodontal Maintenance  
**Guideline #:** 04-901  
**Status:** Revised

**Publish Date:** 01/01/2024  
**Last Review Date:** 10/18/2023

## Description

This document addresses periodontal maintenance.

The plan performs review of periodontal maintenance due to contractual requirements that necessitate benefits for dental services meet specific contract requirements. For example, plan contract(s) may require the provision of benefits for services that meet generally accepted standards of dental care at the lowest cost that properly addresses the patient's condition. The conclusion that a particular service is medically or dentally necessary does not constitute an indication and/or warranty that the service requested is a covered benefit payable by the dental plan.

## Clinical Indications

Periodontal maintenance is a nonsurgical treatment considered appropriate, following therapeutic periodontal treatment, that continues for the life of the dentition or any implant placement and provides treatment and continuing care of patients with a history of/and ongoing periodontal disease. Periodontal maintenance is considered therapeutic, rather than prophylactic, and constitutes continuing treatment for patients with a diagnosis of periodontal disease. The therapeutic objective of periodontal maintenance is to reduce or eliminate causative factors responsible for initiating host inflammatory responses. The desired outcome should result in maintenance of the periodontal health status attained as a result of active periodontal therapy. Periodontal Maintenance is:

1. A demanding and time-consuming procedure involving instrumentation of the tooth crown and root structures.
2. A procedure to remove etiological factors such as plaque and biofilm, adherent calculus deposits, and diseased cementum (root structure) that may be permeated with calculus, microorganisms and microbial toxins.
3. A procedure that involves hand instrumentation
4. A phase of periodontal therapy during which periodontal disease and conditions are monitored (such as but not limited to; probing depth changes, bleeding upon probing, and/or bone loss changes)

Dental review as it applies to accepted standards of care means dental services that a Dentist, exercising prudent clinical judgment, provides to a patient for the purpose of evaluating, diagnosing or treating a dental injury or disease or its symptoms, and that are: in accordance with the generally accepted standards of dental practice; in terms of type, frequency and extent and is considered effective

for the patient's dental injury or disease; and is not primarily performed for the convenience of the patient or Dentist, is not cosmetic and is not more costly than an alternative service.

For dental purposes, "generally accepted standards of dental practice" means:

- standards that are based on credible scientific evidence published in peer-reviewed, dental literature generally recognized by the practicing dental community
- specialty society recommendations/criteria
- the views of recognized dentists practicing in the relevant clinical area
- any other relevant factors from credible sources.

#### Criteria

**For periodontal maintenance, the following should be considered:**

1. History of periodontal therapy and continuous care not exceeding 12 months.
2. Prior history of definitive periodontal therapy with dates and specific treatment rendered.
3. For use of locally administered chemotherapeutic agents (LACA), a letter of medical necessity is required.
4. Post-initial therapy evaluations and treatment planning recommendations following completion of periodontal maintenance are considered integral components of this procedure.
5. A periodontal maintenance procedure is not appropriate when there is no history of periodontal disease requiring definitive periodontal treatment.

#### Coding

*The following codes for treatments and procedures applicable to this document are included below for informational purposes. Inclusion or exclusion of a procedure, diagnosis or device code(s) does not constitute or imply member coverage or provider reimbursement policy. Please refer to the member's contract benefits in effect at the time of service to determine coverage or non-coverage of these services as it applies to an individual member.*

**CDT** Including, but not limited to, the following:

- D4341 Periodontal scaling and root planing- four or more teeth per quadrant
- D4342 Periodontal scaling and root planing- one to three teeth per quadrant
- D4381 Localized delivery of antimicrobial agents via a controlled release vehicle into diseased crevicular tissue, per tooth
- D4910 Periodontal maintenance
- D4999 Unspecified periodontal procedure, by report

**ICD-10 CM** Diagnoses for Dental Diseases and Conditions: See the current CDT code book for details

#### References

1. Caton J, Proye M and Polson A. Maintenance of healed periodontal pockets after a single episode of root planing. *J Perio* 1982;53:420-424.
2. Lindhe J and Nyman S. Long-term maintenance for patients treated for advanced periodontal disease. *J Clin Perio* 1984;11:504-514.
3. Axelsson P and Lindhe J. The significance of maintenance care in the treatment of periodontal disease. *J Clin Perio*;1981:281-294.
4. Loos B, Kiger R and Egelberg J. An evaluation of basic periodontal therapy using sonic and ultrasonic scalers. *J Clin Perio* 1987;14:29-33.
5. American Academy of Periodontology. Periodontal maintenance (position paper). *J Perio* 2003;74:1395-1401.
6. Badersten A, Nilveus R and Egelberg J. Effect of nonsurgical periodontal therapy. I. Moderately advanced periodontitis. *J Clin Perio* 1981;8:57-72.
7. Sbordone I, Ramaglia I, et al. Recolonization of the subgingival microflora after scaling and root planing in human periodontitis. *J Perio* 1990;61:579-84.
8. Badersten A, Nilveus R and Egelberg J. Effect of non-surgical periodontal therapy. II. Severely advanced periodontitis. *J Clin Perio* 1984a;11:63-76.
9. Ramfjord SP, Morrison EC, et al. Oral hygiene and maintenance in the treatment of periodontal disease. *J Clinical Perio* 1982;53:26-30.
10. Mosques T, Listgarten MA, et al. Effect of scaling and root planing on the composition of the human subgingival microbial flora. *J Perio Res* 1980; 15:144-151.
11. Schallhorn RG, and Snider LE. Periodontal maintenance therapy. *J AmerDent Assoc.* 1986;57:354-359.
12. Nordland P, Garrett S, et al. The effect of plaque control and root debridement in molar teeth. *J Clin Perio* 1987;14:231-236.
13. Wilson TG, Glover ME, et al. Tooth loss in maintenance patients in a private periodontal practice. *J Perio* 1987;58:231-235
14. Magnusson I, Lindhe J, et al. Recolonization of a subgingival microbiota following scaling in deep pockets. *J Clin Perio* 1984;11:193-207.
15. Bostanci HS and Arpak MN. Long-term evaluation of surgical periodontal treatment with and without maintenance care. *J Nihon Sch Dent* 1991; 33:152-159.
16. Badersten A, Nilveus R and Egelberg J. Effect of non-surgical periodontal therapy. VIII. Probing attachment changes related to clinical characteristics. *J Clin Perio* 1987;14:425-432.
17. American Academy of Periodontology. Treatment of gingivitis and periodontitis (position paper). *J Perio*;1997;12:1246-1253.
18. American Academy of Periodontology Statement on Local Delivery of Sustained or Controlled Release Antimicrobials as Adjunctive Therapy in the Treatment of Periodontitis – *J Clin Perio* August 2006, Vol. 77, No. 8, Pages 1458-1458
19. CDT 2024 Current Dental Terminology, American Dental Association.

<b>History</b>
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Revision History	Version	Date	Nature of Change	SME
	initial	3/14/17		Kahn
	Revision	2/5/18	Related Dental Policies, Appropriateness and Medical necessity	M Kahn
	Revised	11/10/2020	Annual Review	Committee
	Revised	12/05/2020	Annual Review	Committee
	Revised	10/30/2021	Annual Review	Committee
	Revised	10/28/2022	Annual Review	Committee
	Revised	10/18/2023	Annual Review	Committee

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