

# Root Enamel Treatment: Restoring Tooth Health and Function

Theodore Anthony\*

Department of Oral and Maxillofacial Surgery, Aarhus University, Aarhus Centrum, Denmark

## DESCRIPTION

Root enamel treatment, often referred to as root surface debridement or root planing, is a specialized dental procedure aimed at preserving and restoring the health of enamel on the roots of teeth. This treatment is important for individuals suffering from gum disease or other conditions that affect the integrity of root surfaces. Understanding the procedure, its benefits, and post-treatment care is essential for anyone considering or undergoing root enamel treatment.

### Understanding root enamel treatment

Root enamel treatment focuses on addressing issues that affect the root surface of teeth, particularly in cases where gum recession or periodontal disease has manifested the root surfaces. The roots of teeth are covered by a thin layer of enamel called cementum, which is not as hard or resistant to decay as the enamel on the crowns of teeth. When roots become vulnerable due to gum recession or periodontal disease, they become susceptible to decay, sensitivity, and other complications.

### The procedure involves

Cleaning and debridement the dentist or dental hygienist carefully removes plaque, tartar, and bacteria from the uncovered root surfaces using specialized instruments. This procedure, commonly referred to as scaling and root planing, aids in smoothing the root surfaces and fostering gum healing.

**Smoothing rough surfaces:** Root planing aims to smooth out rough areas on the root surfaces where bacteria can easily accumulate. This helps to prevent further buildup of plaque and tartar, reducing the risk of gum disease progression.

**Application of medications:** In some cases, antimicrobial agents or antibiotics applied to the root surfaces to help eliminate bacteria and promote healing.

### Benefits of root enamel treatment

Root enamel treatment offers several benefits for dental health:

**Reduction of gum disease:** By removing bacteria and plaque from the root surfaces, root enamel treatment can halt the progression of gum disease and prevent further damage to the supporting structures of the teeth.

**Sensitivity relief:** Open root surfaces can cause increased sensitivity to hot, cold, or sweet foods and beverages. Root planing can help alleviate this sensitivity by covering the disclosed roots and reducing nerve exposure.

**Improved oral health:** Treating the root surfaces helps maintain the overall health of the teeth and gums, contributing to better oral hygiene and reducing the risk of tooth loss.

**Prevention of tooth decay:** Smooth root surfaces are less likely to harbor plaque and bacteria, reducing the risk of decay and cavities on the roots of teeth.

### Post-treatment care

After root enamel treatment, it is essential to follow proper oral hygiene practices to maintain the health of treated root surfaces.

**Regular brushing and flossing:** Brush teeth at least twice a day with a soft-bristled toothbrush and fluoride toothpaste. Floss daily to eliminate plaque and food particles from between your teeth and along the gum line.

**Antibacterial mouthwash:** Rinse with an antibacterial mouthwash to help reduce bacteria and promote healing of the gums.

**Avoid smoking:** Smoking can interfere with the healing process and increase the risk of gum disease and other oral health problems. Cessation of smoking can lead to significant improvements in oral health.

**Regular dental check-ups:** Schedule regular dental visits for professional cleanings and oral examinations. Dentist will monitor the health of gums and root surfaces to ensure that any signs of gum disease or decay are promptly addressed.

**Healthy diet:** Maintain a balanced diet rich in fruits, vegetables, and whole grains. Reduce consumption of sugary and acidic foods and beverages to minimize their impact on tooth decay and gum disease.

**Correspondence to:** Theodore Anthony, Department of Oral and Maxillofacial Surgery, Aarhus University, Aarhus Centrum, Denmark, E-mail: anthonyT@gmail.com

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## CONCLUSION

Root enamel treatment plays an important role in preserving the health and integrity of teeth affected by gum disease or root surface visibility. Understanding the procedure and its benefits, individuals can take proactive steps to maintain their oral health and prevent complications associated with gum disease and root

decay. Regular dental care and diligent oral hygiene practices are essential for ensuring long-term success and maintaining a healthy smile for years to come. If there are any issues regarding the health of the gums or uncovered root surfaces, consult with your dentist to determine if root enamel treatment.