

Periodontal treatment tactics : Non-surgical & surgical periodontal therapy, Questions you may want to know

- Prof. Eun Kyoung Pang

The goals of periodontal therapy according to the American Academy of Periodontology are to alter or get rid of the microbial etiology and causative risk factors for periodontitis, thus arresting the progression of disease and preserving the dentition in a state of health, comfort, and function with appropriate esthetics; and to prevent the recurrence of periodontitis.

To achieve this goal, once periodontitis is diagnosed correctly, phase I therapy is started as a periodontal treatment process. This is a cause related therapy to remove dental plaque and calculus, which are direct causes of gingivitis and periodontitis, through non-surgical treatment such as calculus removal and root planing. After that, the effect of phase I therapy is evaluated through a re-evaluation period and a maintenance period to evaluate the necessity of additional treatment. Phase II therapy is used for surgical treatment in areas where non-surgical treatment is inaccessible, such as deep periodontal pockets or furcation areas, and where alveolar bone loss is advanced. Surgical periodontal treatment is divided into resective surgery that makes plaque control possible by performing osseous reduction, and regenerative surgery that promotes periodontal regeneration using bone grafting, guided bone regeneration, and growth factors at the alveolar bone defect.

However, many clinicians may have various difficulties and questions regarding the actual implementation of such non-surgical and surgical periodontal treatment. For example, whether there is a way to make root planing more effective and certain, how to treat enamel projection, and how much bone removal should be done in resective surgery etc. In this lecture, I would like to address the questions you may have during periodontal treatment, and hope that through this, you will be able to obtain practical periodontal treatment tactics that can perform periodontal treatment more effectively even if you are not a periodontist.

Profile

- * Yonsei University, Dental College, Seoul, Korea (DDS, Ph.D)
- * Internship & Residency, dept. of Periodontology, Yonsei University Dental Hospital
- * Fellowship, Dept. of Periodontology, Samsung Medical Center
- * Visiting scholar, Herman Ostrow School of Dentistry of USC
- * Now) Head Professor, College of medicine, Ewha Womans University
- * Now) Head, dept. of Dentistry, Ewha Medical Center Mokdong hospital