

Symposium
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치료 계획 바로 세우기 : Implant Position to Bone for Esthetic Restoration



김태형 USC 치과대학

- Current Chairman, Section of Removable Prosthodontics, University of Southern California
- 2004- Current Director of Occlusion, University of Southern California
- 2001- Current Assistant Professor, University of Southern California

The modern practice of implant dentistry requires an interdisciplinary approach that integrates the knowledge, skills, and experience of all the disciplines of dentistry into a comprehensive treatment plan. The team must examine the anticipated restorative site to determine the suitability of the existing hard and soft tissues for implant placement. Deficiencies in hard and soft tissue, which prevent ideal implant placement, must be recognized and addressed to ensure a more predictable esthetic outcome.

During the symposium, the scalloped dental implant (NobelPerfect™) is discussed. The scalloped dental implant is designed to biologically guide and facilitate interproximal bone remodeling during healing and to maintain bone height and papillae during functional loading. Design features of the scalloped implant include hard and soft tissue apposition areas, which are parallel to each other and mirror the cemento-enamel junction. The hard tissue surface area is intended for osseointegration. The soft tissue surface area is meant to support the connective tissue zone and to provide a space for the subgingival margin of the restoration. Recent study on the clinical performance of the scalloped dental implant at USC will be

shared.

This symposium will address a comprehensive interdisciplinary treatment philosophy designed for developing the foundation of optimal esthetics in implant dentistry. Cases are presented to illustrate the necessity of intensive treatment planning to enhance and improve a patient's dental function and esthetics.

Publications

Tae Hyung Kim, Sajid Jivraj, Terry E. Donovan.: Selection of Luting Agent; Part II All Ceramic Restoration. Journal of the California Dental Association. Submitted for Publication February 2006

Sajid Jivraj, Tae Hyung Kim, Terry E. Donovan.: Selection of Luting Agent; Part I; Journal of the California Dental Association. Submitted for Publication February 2006

Pascal Magne, Tae Hyung Kim, Domenico Cascione, Terrence E. Donovan. Immediate dentin sealing improves bond strength of indirect restorations Accepted for publication Journal of Prosthetic Dentistry. reference: YMPR 830