

특강 II (Special Lecture II)

**Advanced Implant therapy:
From immediate tooth replacement to controlled
bone reconstruction**



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The last few years have seen major advancements in biological understanding of peri-implant soft tissues, bone regenerative results and implant aesthetics. These advances have allowed a very precise 3-dimensional implant position and a predictable restorative result with natural beauty and gingival harmony.

This presentation will discuss the necessary understanding of soft tissue behavior, appropriate horizontal and vertical bone regenerative procedures, ideal implant design and -surface and patient management.

The guidelines for aesthetic and surgical control with respect to the ideal implant placement and the biological and clinical requirements to maintain optimal bone tissue and gingival papilla levels around 2-stage dental implants will be given for the following patient groups.

- I) Implant sites with normal soft tissue-bone relationship will be discussed and the results of immediate tooth replacement will be demonstrated.
- II) Implant sites with compromised soft tissue-bone relationship will be discussed and the case selection, delicate management of soft tissues, bone graft harvest and membrane placement, and the detailed steps for success from an evidence based and clinical step-by-step fashion will be highlighted.
- III) The indications, results and complications of advanced bone reconstruction procedures in partially edentulous patients with autogenous bone grafts, barrier membranes, PRP-grafting and distraction osteogenesis will be presented and discussed.

EDUCATION:

- Faculty, Division of Oral Biology & Medicine, UCLA School of Dentistry
- Graduate and Specialty degree in Periodontics, University of Amsterdam Dental School
- Masters Degree in Oral Biology at UCLA
- Fellowship in Oral Implantology at Loma Linda University
- Prosthodontic residency at the University of Aachen, Germany.
- Vice-president of the Osseointegration Foundation (OF)
- Program Chair of the EAO 2000 annual scientific congress,
- The 1994 recipient of the young investigator fellowship of the American Academy of Periodontology
- The 1993 recipient of the Implantology award of the California Society of Periodontists
- The 1990 recipient of the German Implant Society Research award
- published over 60 articles and book chapters, and one textbook titled Color Atlas of Implantology (Thieme Publ).

CURRICULUM VITAE

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