해외연자

Innovative Treatment Concepts with Tooth-and Implant-borne Removable Partial Dentures and Overdentures

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- 1983 A doctor's degree
- 1985 Assistant professor, Department of Prosthodontics, University of Basel, Switzerland
- 1987-1998 Head, the Subdepartment of Removable Prosthodontics, University of Basel
- 1991-1993 Visiting associate professor, Department of Periodontology, University of Florida
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Changing Conditions for Removable Partial and Overdentures

(Introduction - April 28, Friday, 2006, PM 4:00~5:00)

Treatment concepts with removable dentures have to appraise various factors of demographic, social, economic, and professional circumstances. Therefore, treatment strategies must continuously be monitored and adapted to the changing conditions. A thorough appraise of the patient's subjective and objective treatment needs, a critical treatment decision analysis and a professional case management are important characteristics of the oral rehabilitation with removable dentures.

Biological Principles in the Treatment with Prefabricated Attachments for Removable Dentures Innovative Designs of Removable Implant-borne Suprastructures

(Main Lecture - April 29, Saturday, 2006, PM 1:00~5:00)

The conventional tooth-borne removable partial denture and overdenture design can be optimized by a bridge-type, perio-overdenture design on single attachments.
Therefore, tapered telescope crowns, prefabricated cylindrical anchors as well as clasps are preferred to bar construction or spherical anchors. Biological and technical aspects of decision making for different treatment concepts are discussed. The innovative application of single attachments on osseointegrated implants has led to a better design of removable suprastructures also in oral implantology. Newly developed implant-borne abutments for cylindrical anchors simplify substantially the laboratory as well as the clinical procedures. Compared to conventional overdentures, the bridge-like design of the denture is much less likely to favor development of a plaque-induced marginal infection. Direct traumatization of the peri-implant mucosa by the denture is precluded. Moreover, in contrast to fixed prostheses, removable bridge-like dentures substantially facilitate oral hygiene, as they can be used as an auxiliary guide for hygiene instruments. Finally, the increase of abutment number by the use of single implant-borne attachment enables in many cases better design and prognosis of prosthetic treatment.