

## Periodontal Plastic Surgery Combined with Prosthetic and/or Implant Dentistry

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In the 1980s, Miller introduced the term “periodontal plastic surgery (PPS)” to include the broader scope of procedures that had evolved beyond the techniques of traditional mucogingival surgery. Consequently, PPS was defined as “surgical procedures performed to correct or eliminate anatomical, developmental, and traumatic or disease induced deformities of the gingiva, alveolar mucosa or bone”. As the demand for esthetic dentistry has increased, dentistry has developed various techniques to meet this demand, PPS has been a part of this stream.

Implant therapy has become a highly effective treatment modality for patients seeking the replacement of lost dentition. However, clinicians are often faced with the treatment of complex aesthetic dilemmas around implants, which can be caused by improper fixture placement and inadequate soft tissue management. Accordingly, PPS performed for the implant patient in order to solve the both hard and/or soft tissue problem around dental implants similar to that around natural dentition.

The most obvious goal of soft tissue grafting in implant therapy is to create a stable peri-implant soft tissue environment by providing an adequate zone of attached and non-mobile tissues. In addition, another goal is natural reconstruction of soft tissue architecture establish the emergence of harmonious implant restorations. The aim of PPS for the implant patient include as following procedures:

- Augmentation of attached soft tissues surrounding implant restorations
- Management of aberrant frenum and/or shallow vestibule around implants
- Correction of mucogingival defect around implants
- Coverage of exposed implant abutment
- Edentulous ridge preservation following tooth extraction in preparation for implant prosthesis
- Edentulous ridge augmentation in preparation for implant prosthesis
- Preservation or correction of inter-implant papillae

This session will present clinical guidelines and practical protocols in periodontal plastic surgery for the prosthetic and/or implant dentistry.

**main profile :**

- 1983            Graduated from Josai Dental College (presently Meikai University School of Dentistry)
- 1983-85        Certification in Post Doctoral Institute of Meikai University School of Dentistry
- 1985-86        Instructor, Post Doctoral Institute of Meikai University School of Dentistry
- 1986-91        Assistant professor, Meikai University School of Dentistry
- 1992-98        Lecturer, Meikai University School of Dentistry
- 1999-02        Associate Professor, Department of Periodontology, Meikai University School of Dentistry
- 2003            Chair and Professor, Department of Periodontology, Meikai University School of Dentistry, Professor of Meikai University Graduate School, Adjunct Lecturer of Okayama University School of Dentistry
- Present        Board member of Japanese Society of Periodontology, Board member of Japanese Society of Conservative Dentistry, Board member of Japanese Academy of Gnathology and Occlusion, Founder and Board member of Japanese Association of Regenerative Dentistry