

## Advanced Course in Removable Partial Denture Prosthodontics

Lecture/Lab./Clinic Academic year 1,2 credits  
2,4

[Keywords] Stomatognathic function, occlusion, mastication, prosthodontic treatment for partially edentulous patients, removable partial denture

[Academics] Hisashi Koshino, Hideki Aita, Yoshifumi Toyoshita

### [Course aims]

This course deals with prosthodontic treatment for partially edentulous patients who have lost teeth because of aging and pathologic factors. Students will learn about examination, diagnosis, planning, treatment and aftercare about prosthodontic treatment to improve oral function, esthetics and quality of life. Because the positional relationship between the upper and lower teeth, the number of remaining teeth, and the partially edentulous pattern are important prognosticators for prosthodontic treatment in partially edentulous patients, students are expected to understand the classification system devised by the Japan Prosthodontic Society. Further, it is necessary to understand teeth, muscles, the temporomandibular joint, the peripheral and central nervous systems, and occlusion. Occlusion is a basic principle in dentistry, so knowledge about mandibular position and movement is needed.

### [Course objectives]

The goals of this course are for students to be able to:

- (1) Explain oral health-related quality of life (Oral Health Impact Profile).
- (2) Explain the classification system used.
- (3) Explain the dento-occlusal triangular relationship.
- (4) Explain the relationship between periodontal disease and choice of abutment teeth.
- (5) Explain tooth support and tissue borne.
- (6) Explain occlusion for partial dentures.

### [Course content]

Class	Theme	Content	Academics
1	The interrelationship between whole body function and masticatory function.		Hisashi Koshino Hideki Aita Yoshifumi Toyoshita
2	Guidelines for examination and treatment planning for an incompatible prosthesis, muscle disorders, the temporomandibular joint and occlusion, missing teeth, and diseases of surrounding tissue.		Hisashi Koshino Hideki Aita Yoshifumi Toyoshita
3	The classification system for partially edentulous patients.		Hisashi Koshino Hideki Aita Yoshifumi Toyoshita
4	The dento-occlusal triangular relationship.		Hisashi Koshino Hideki Aita Yoshifumi Toyoshita
5	The various impression techniques used in prosthodontic treatment for partially edentulous patients.		Hisashi Koshino Hideki Aita Yoshifumi Toyoshita
6	The design of partial dentures.		Hisashi Koshino Hideki Aita Yoshifumi Toyoshita

### [Grading policies]

Your overall grade in class will be decided based on class attendance and reports.

### [Remarks]

Textbook: Students will be informed of which textbook to use.

Reference book: Students will be informed of which reference book to use.

[Preparation for course]

Students must understand the clinical guidelines published by the Japanese Society of Gerodontology and Japan Prosthodontic Society.