

Advanced Course in Fixed Prosthodontics ( part I: Crown )

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

[Keywords] Oral cavity function, jaw function, dental occlusion, mastication, crowns, examination, treatment plan

[Academics] Morio Ochi

[Course aims]

The aim of this course is to acquire the knowledge and skills necessary to undertake prosthodontic treatment with crowns through lectures and practical exercises. Additionally, students will gain experience from clinical training under the supervision of instructors, and learn the knowledge and techniques required for all steps of treatment from planning of the crowns through to treatment and maintenance.

[Course objectives]

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

1. Explain the definition and clinical significance of crown and bridge prosthodontics.
2. Explain the relationship between crown and bridge treatment and the health sciences.
3. Explain the advantages and disadvantages of crown and bridge treatment.
4. Explain the connection between evidence-based medicine and crown and bridge treatment.
5. Evaluate various tests of occlusion.
6. Assess mandibular function and occlusion.
7. Assess the condition of an abutment tooth.

[Course content]

Class	Theme	Content	Academics
1	Lectures on how to examine and make a treatment plan for crown and bridge treatment.		Morio Ochi
2	Simulated and actual examination of occlusion in a patient.		Morio Ochi
3	Simulation and actual examination of mandibular function in a patient.		Morio Ochi
4	Simulation and actual preparation of a patient 's tooth.		Morio Ochi
5	Simulation and actual construction of an abutment in a patient.		Morio Ochi
6	Taking impressions of teeth from patients.		Morio Ochi
7	Taking bite records from patients.		Morio Ochi
8	Lectures to learn about the mutual importance of in vitro and in vivo studies.		Morio Ochi
9	Taking part in grand rounds.		Morio Ochi
10	Gathering to read and discuss papers on basic or clinical research.		Morio Ochi

[Grading policies]

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

[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 course objectives and prepare appropriately for classes.