

Advanced Course in Oral and Maxillofacial
Reconstructive Surgery

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

[Keywords] Oral and maxillofacial surgery, reconstructive surgery, structure and function, oral and maxillofacial region

[Academics] Tsuyoshi Shimo,

[Course aims]

The aims of this course are to understand the structure and function of the oral and maxillofacial region, to study the causes, pathology, symptoms, diagnosis, treatment and prognosis of oral and maxillofacial deformity, and to understand the treatment plan and surgical procedure for patients with disorders of the oral and maxillofacial region. The advanced course I mainly provides with deformity/deformation after treatment of benign or malignant tumors, cysts, infection, trauma in the oral and maxillofacial region, and temporomandibular joint disease.

[Course objectives]

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

- (1) Explain the structure and function of the oral and maxillofacial region.
- (2) Explain the characteristics of jaw-related cysts and inflammation.
- (3) Explain the diagnosis and treatment of temporomandibular joint disease.
- (4) Explain the diagnosis and treatment of trauma.
- (5) Explain the pathogenesis, diagnosis and treatment of oral neoplasms.
- (6) Explain the surgical procedures used in reconstructive surgery for the oral and maxillofacial region.
- (7) Assess the structure and function of the oral and maxillofacial region after reconstructive surgery.

[Course content]

Class	Theme	Content	Academics
1	Structure and function of the oral and maxillofacial region.*.		Tsuyoshi Shimo
2	Diagnosis and treatment of jaw-related cysts and inflammation.		Tsuyoshi Shimo
3	Diagnosis and treatment of temporomandibular joint disease.		Tsuyoshi Shimo
4	Diagnosis and treatment of trauma to the oral and maxillofacial region.		Tsuyoshi Shimo
5	Pathogenesis, diagnosis and treatment of oral neoplasms.		Tsuyoshi Shimo
6	Reconstructive surgery procedures performed in the oral and maxillofacial region.		Tsuyoshi Shimo
7	Assessment of the structure and function of the oral and maxillofacial region after reconstructive surgery.		Tsuyoshi Shimo

[Class implementation method]

Combination of face-to-face learning and distance learning

* Class implementation depends on the implementation policy of each department (graduate school), interdisciplinary studies, and school.

[Grading policies]

Class attendance and oral or written examination.

[Textbook]

(2026年度・大学院 歯学研究科 Graduate school of Dentistry)

Students will be informed of which textbook to use.

[Reference book]

Students will be informed which reference book to use.

[Preparation for course]

Students must understand the course objectives and prepare appropriately for classes.