

[Keywords] Oral surgery

[Academics] Hiroki Nagayasu, Masaru Murata, Kazuhiko Okumura

[Course aims]

Practice training aimed at the acquisition of necessary knowledge, attitude, and skills for maxillofacial and oral surgery in order to obtain the qualification of specialist or attending physician certified by the Japanese Society of Oral and Maxillofacial Surgeons.

[Course objectives]

The goals of this course are for the student to be able to:

1. Explain the process (including clinical laboratory tests) that leads to the diagnosis of oral diseases such as external injuries, temporomandibular joint diseases, malformations, developmental abnormalities, inflammation, cysts, and tumors
2. Explain the outpatient surgical care of patients with systemic disease
3. Explain inpatient surgical care
4. Perform 30 or more specified surgical operations that are necessary in order to be qualified to take the physician certification examination
5. Experience 5 or more surgical operations from 3 or more of the specialties listed in the table classifying the degrees of difficulty of surgical operations for specialist physicians (Table 5) (except for surgical operations listed in (1), namely those from [i] to [ni]), by becoming a surgical assistant or higher.
6. Perform a total of 100 or more other specified surgical operations from the entire field of maxillofacial and oral surgery
7. Experience the management of a total of 50 or more hospitalized patients in each of the specialties listed in the table classifying the degrees of difficulty of surgical operations
8. Publish 3 or more academic papers on oral surgery (including one article published in the Journal of the Japanese Society of Oral Surgery)

[Course content]

| Class | Theme  | Content | Academics  |
|-------|--|---------|--|
| 1     | Guidance   |         | Hiroki Nagayasu,<br>Masaru Murata,<br>Kazuhiko Okumura |
| 2     | Dental alveolar surgery  |         | Hiroki Nagayasu  |
| 3     | Anti-inflammatory surgery; surgery for benign tumors, cysts, and tumor-forming diseases; salivary gland surgery; maxillary sinus surgery                         |         | Kazuhiko Okumura                                       |
| 4     | Maxillofacial fracture surgery   |         | Masaru Murata  |
| 5     | Orthognathic surgery, maxillofacial bone distraction surgery, temporomandibular joint surgery, and related treatment   |         | Masaru Murata  |
| 6     | Surgery for cancerous and precancerous lesions; pre-prosthetic surgery, alveolar distraction osteogenesis, lip and palate cleft surgery, reconstructive surgery, |         | Hiroki Nagayasu  |

| Class | Theme  | Content | Academics       |
|-------|--|---------|-----------------|
|       | oro-maxillofacial implant surgery  |         |                 |
| 7     | Orofacial pain, stomatognathic dysfunction, oral symptoms of systemic diseases, oral mucosal diseases  |         | Hiroki Nagayasu |
| 8     | Airway management including the maintenance of a patent airway through tracheotomy and perioperative endotracheal intubation;<br>nutritional management through enteral feeding and high-calorie parenteral infusion |         | Hiroki Nagayasu |

[Grading policies]

Oral or written tests

[Textbook]

Will be indicated during the seminars.

[Reference book]

Same as above

[Remarks]

This course includes clinical training in outpatient services, hospital wards, and in the operating room.

[Preparation for course]

Conduct a literature review, read evidence-based literature references carefully with critical thinking, and discuss problematic issues in one's own paper, as well as issues for future research.