

GNATOLOGY**LECTURE**2013/2014, 1st semester, 3rd year, Dental students

Fall semester: 2 September – 7 December 2013

Place: Faculty of Dentistry, B Building, Yellow RoomTime: Monday 14.00-15.00 (1 hour/week)Exam: Evaluation (5)Credit: 1

Date	Lecture	Lecturer
02. 09. 2013.	1. Introduction to Gnatology, it's significance in dentistry. Functional units involved in mastication. Anatomical terminology of the mouth	Dr. István Pelsőczy Kovács associate professor
09. 09. 2013.	2. Morphology of osseous structures involved in mastication and the temporo-mandibular joint	Dr. István Pelsőczy Kovács
16. 09. 2013.	3. Basics of occlusal anatomy of the teeth and dental-arches	Dr. Krisztina Kárpáti assistant lecturer
23. 09. 2013.	4. Occlusal contacts in central occlusion. Orientation in the oral cavity	Dr. Anette Stájer assistant professor
30. 09. 2013.	5. Masticatory muscles, their function and innervation	Dr. János Perényi assistant professor
07. 10. 2013.	6. WRITTEN TEST	Dr. Anette Stájer
14. 10. 2013.	7. Specific positions of the mandible	Dr. István Pelsőczy Kovács
21. 10. 2013.	8. Mandibular movements, tooth guidance. Dynamics of occlusal relationships, border-movements, mandibular movement envelope	Dr. István Pelsőczy Kovács
28. 10. 2013.	9. The process of chewing. Occlusal relations in natural dentition	Dr. János Perényi
04. 11. 2013.	10. Articulators (arcon, non-arcon types)	Dr. János Perényi
11. 11. 2013.	11. Mounting the casts in the articulator, articulator-programming, face-bow and its usage	Dr. István Pelsőczy Kovács
18. 11. 2013.	12. WRITTEN TEST	Dr. Krisztina Kárpáti
25. 11. 2013.	13. Modification of occlusion in adults. Christensen phenomenon	Dr. Krisztina Kárpáti
02. 12. 2013.	14. Theories of occlusion in artificial dentition	Dr. Krisztina Kárpáti

Recommended literature:

Wheeler's Dental Anatomy, Physiology and Occlusion

McNeill: Science and Practice of Occlusion, Quintessence 1997.

Klineberg_Jagger Occlusion and Clinical Practice, Wright 2004.

Thomas- Tatenoi: Die gnathologische Okklusion, Quintessenz 1982.

Stuart: Full Mouth Waxing Technique, Quintessence 1984.

**GNATOLOGY
PRACTICE**

2013/2014, 1st semester, 3rd year, Dental students
Fall semester: 2 September – 7 December 2013

Place: Faculty of Dentistry, Training Laboratory
Time: Monday 11.00-14.00 (3 hours/week)
Exam: Term Mark
Credit: 3

Teaching staff: Dr. Krisztina Kárpáti assistant lecturer
Dr. Diána Graca resident

Date	Practice
02. 09. 2013.	1. Introduction. Instruments and materials. Marking reference lines and points on the study cast and on the mounted lower cast. Marking the centric contacts on the upper mounted cast. Cutting off the occlusal surface of the mounted lower cast. Re-tracing the markings on the occlusal surface of the lower cast
09. 09. 2013.	2. Forming mandibular buccal cones. Marking reference lines and points on the mounted upper cast. Cutting off the occlusal surface of the mounted upper cast
16. 09. 2013.	3. Re-tracing the occlusal surface of the upper cast. Re-tracing the markings on the occlusal surface of the upper cast. Forming maxillary buccal cones. Forming the buccal ridges of mandibular buccal cusps
23. 09. 2013.	4. Forming the buccal ridges of maxillary buccal cusps. Shaping the triangular ridges of the maxillary buccal cusps
30. 09. 2013.	5. Forming the mesial and distal cusp ridges of the maxillary and mandibular buccal cusps
07. 10. 2013.	6. Forming the maxillary lingual cones and the cusp ridges of the maxillary lingual cusps
14. 10. 2013.	7. Shaping the lingual surfaces and triangular crests of the maxillary lingual cusps
21. 10. 2013.	8. Forming the mesial and distal marginal ridges of the maxillary posterior teeth. Building up the triangular ridges of the mandibular buccal cusps
28. 10. 2013.	9. Building up the mandibular lingual cones. Forming the lingual surfaces and the triangular ridges of the mandibular lingual cusps
04. 11. 2013.	10. Forming the mesial and distal cusp ridges of the mandibular lingual cusps. Face-bow and it's use
11. 11. 2013.	11. Forming the mesial and distal marginal ridges of the mandibular posterior teeth. Face-bow and it's use
18. 11. 2013.	12. Completing the mandibular and maxillary occlusal surfaces. Evaluating the completed cusps and ridges.
25. 11. 2013.	13. Forming the occlusal surface of a molar tooth by oneself
02. 12. 2013.	14. Evaluation. Demonstration of face-bow and its use

Requirements for students

- Active participation on lectures and practices according to the Study and Exam Regulations of the University and the Faculty of Dentistry.
- Attendance of lectures and practices is mandatory.
- Completion of the tasks in the laboratory
- Keeping the Rules of students' activity in the Dept. of Prosthodontics, it can be read on the Coospace.

Calculation of mark at the end of the semester

Theory: evaluation (5)

The mark is the average of all MTO-s. A failed mark has to be improved during the semester; it may be corrected only once! The failed mark/s will be included in the calculation of the average.

If the student is absent at the time of the MTO, it will be regarded as a failed mark.

If the average of all MTO's (including the failed ones) does not reach 2.0, the end semester mark is failed, but can be corrected in the exam period according to the Study and Exam Regulations of the University and the Faculty of Dentistry.

If a student fails all MTO-s (including the retake of the MTO) during the semester, the semester will not be accepted - the semester can not be evaluated.

Practice: term mark (5)

- Average of the marks receiving for the practical tasks in the Training Laboratory. The average must be at least 2.0.

If the student gets 3 or more failed marks during the semester for his/her practical work, then the semester cannot be evaluated and accepted.

- Average of the marks of small written or oral tests relating the theoretical knowledge which is necessary to carry out the practical work. The average must be at least 2.

Form of tests: oral test, written test, etc. - The mark of these may be max. 3 times failed(1), after collecting three failed marks the student has to improve it through a written test, the topic is given by the tutor. The student gets one opportunity to write the test. If the student gets further failed mark, the semester/practice is not accepted, it can not be evaluated.

- If either of the above averages (for the practical work or the relating theory) does not reach 2.0 the end semester practical mark cannot be evaluated and accepted, the student has to repeat the course.

Consequences of coming late to the practice:

Students must come to the practice on time.

If a student is late three times, it is equal with one missing practice.

If a student comes more than 20 minutes late, it is regarded as an absence.

The Exam consists of a written and oral part. Passing the written part is a condition for entrance to the oral part of the exam.