



The Hebrew University of Jerusalem

Syllabus

Prosthodontic care for the adult patient - 97861

Last update 25-12-2023

HU Credits: 40

Degree/Cycle: 2nd degree (Master)

Responsible Department: Dental Medicine

Academic year: 0

Semester: Yearly

Teaching Languages: Hebrew

Campus: Ein Karem

Course/Module Coordinator: Prof. Nurit Beyth

Coordinator Email: nurit.beyth@mail.huji.ac.il

Coordinator Office Hours: Tuesday 10:00-11:00

Teaching Staff:

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Course/Module description:

This course provides each student with basic clinical training and experience in comprehensive treatment for undergraduate students. Students are given the opportunity to demonstrate knowledge in comprehensive treatment planning, health promotion, disease prevention and the management of a recall system. Each student is assigned to a clinical group which is managed by dentists. These clinical instructors provide the students with training in diagnosis, treatment planning, sequencing and the actual treatment of their assigned patients. Consultations in the various specialties of dentistry occur as required. The instructors direct and coordinate the total dental health care of the patients of each of their students. Weekly seminars are provided to discuss and review dental techniques and journal articles. Individual student meetings are scheduled to discuss clinical performance.

Course/Module aims:

This course aims at preparing the fifth year student to be capable of formulating comprehensive treatment plans and manage the recall system for their patients. This is a clinical course where the students are given the opportunity to demonstrate knowledge in comprehensive treatment planning, oral health promotion and oral disease prevention. During this clinical training, fifth year dental students will be able to perform basic clinical procedures to their assigned patients under the direct supervision of clinical instructors and other specified faculty. These experiences prepare the students to develop clinical competency in these disciplines to a satisfactory level serving the needs of their patients.

Learning outcomes - On successful completion of this module, students should be able to:

- On successful completion of this module, students should be able to:*
- Perform a thorough patient anamnesis including: medical review, sociological and psychological review, dental history and risk assessment.*
 - Perform a thorough clinical examination including: examination of head and neck and orofacial soft tissues, examination of teeth and restorations and radiographic examination, assessing occlusal status in scheme of the treatment plan and being able to execute an occlusal analysis.*
 - Demonstrate a range of diagnostic skills by: evaluating medical histories, showing radiographic diagnosis/diagnostic skills, identification of pathologies of oral soft and hard tissues and demonstrate skills for caries risk assessment.*

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- Demonstrate accurate dental charting□ assessing the need for consultation with specialists in the fields of periodontics/endodontics/orthodontics/oral surgery /oral medicine.
 - Diagnose by determining the variation from normal and detection of pathological and etiological conditions.
 - Evaluate teeth and supporting structures from a prognostic standpoint.
 - Demonstrate the ability of developing sequenced treatment plans designed to consider patients' desires and limitations□ to eliminate or control etiological factors and create a functional and maintainable oral environment.
 - Demonstrate clinical skills in the treatment/restoration of teeth to form, function, esthetic standards (restoring damaged teeth due to caries, trauma, post endodontic treatment and iatrogenic dentistry) and develop maintenance protocols as assessed by the clinical instructors every 3 months in a narrative report.
 - Maintain patient case assignment at satisfactory level for continued care, and understand developing and following recall systems.

This course supports the following HUHSMD Professional Practice Competencies:

1.1 1.2 1.4 1.5 2.1 2.5 2.7 2.8 2.14 2.15 3.1 3.2 3.3 3.4 3.5 3.6 3.9 3.10 3.11 3.12

Attendance requirements(%):

85% attendance in the clinic

85% attendance in the seminars

Teaching arrangement and method of instruction: Each fifth year student is assigned to a clinical instruction group which is managed by dentists (prosthodontists and general dentists). Each student will give a seminar in prosthetic dentistry.

Course/Module Content:

- Patient management, appropriate interpersonal and communication skills.
- Normal morphology, developmental, physiologic and biochemical processes in systemic and oral health.
- Risk factors assessment and preventive strategies based on the patient's oral health and status.
- Patient education about the prevention, development, progression and etiology of oral and systemic diseases.
- Common drugs used in dental and medical situations related to the practice of dentistry.
- Comprehensive patient assessment including examination of the head and neck and diagnosis of oral related diseases.
- Treatment plans based on analysis of collected data.
- Etiological and pathological processes that define oral diseases.
- Oral diseases or disorders including:

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1. Caries
 2. Malocclusion
 3. Periodontal disease
 4. Pulpal & periradicular disease
 5. Salivary glands, tongue and oral mucosal disorders
 - Treatment modalities and restoration: developing optimal and alternative treatment plans properly sequenced.
 - Applying comprehensive treatment planning strategies for restoration of oral health.
 - Dental materials aimed at restoring form, function and esthetics.
 - Prescription and evaluation of laboratory fabrications of fixed prostheses.
 - Critical thinking and problem solving to make patient care decisions.

Course Module – 2023/2024

D5

21/12/2023 8:00-10:00 Opening lecture – Prof. Nurit Beyth

28/12/23 8:15-9:00 Diagnosis – Prof. Nurit Beyth

9:15-9:45 How to prepare a case presentation/literature seminar? - Head instructor of Each group

4/1/24 8:15-9:45 Caries- Prof. Beyth

11/1/24 8:15-9:45 Prosthodontic Challenge – Prof. Ami Smidt

25/1/24 8:15-9:00 Prognosis – Dr. Asher Zabrovsky

9:15-9:45 1 Literature Seminar – D5 Student will present

1/2/24 8:15-9:00 Vertical Dimension – Dr. Yoav Pietrokovski

9:15-9:45 2 Literature Seminar – D5 Student will present

8/2/24 8:15-9:00 Resin Composite Restorations A- Prof. Nurit Beyth

9:15-9:45 3 Literature Seminar – D5 Student will present

15/2/24 8:15-9:00 Resin Composite Restorations B- Prof. Nurit Beyth

9:15-9:45 4 Literature Seminar – D5 Student will present

22/2/24 8:15-9:00 Dental Wear- Dr. Yoav Pietrokovski

9:15-9:45 5 Literature Seminar – D5 Student will present

29/2/24 8:15-9:00 Meeting Prof. Nurit Beyth (location to be informed)

9:15-9:45 Meeting Prof. Nurit Beyth (location to be informed)

7/3/24 8:15-9:00 6 Literature Seminar – D5 Student will present

9:15-9:45 7 Literature Seminar – D5 Student will present

14/3/24 8:15-9:00 8 Literature Seminar – D5 Student will present

9:15-9:45 9 Literature Seminar – D5 Student will present

21/3/24 8:15-9:00 Clinical Progress Feedback meetings

9:15-9:45 Clinical Progress Feedback meetings

2/5/24 8:15-9:00 10 Literature Seminar – D5 Student will present

9:15-9:45 11 Literature Seminar – D5 Student will present

9/5/24 8:15-9:00 12 Literature Seminar – D5 Student will present

9:15-9:45 13 Literature Seminar – D5 Student will present

16/5/24 8:15-9:00 14 Literature Seminar – D5 Student will present

9:15-9:45 15 Literature Seminar – D5 Student will present

23/5/24 8:15-9:00 16 Literature Seminar – D5 Student will present

9:15-9:45 1 Case Presentation – D6 Student will present
6/6/24 8:15-9:00 Meeting Prof. Nurit Beyth (location to be informed)
9:15-9:45 2 Case Presentation – D6 Student will present
13/6/24 8:15-9:00 3 Case Presentation – D6 Student will present
9:15-9:45 4 Case Presentation – D6 Student will present
20/6/24 8:15-9:00 5 Case Presentation – D6 Student will present
9:15-9:45 6 Case Presentation – D6 Student will present
27/6/24 8:15-9:00 7 Case Presentation – D6 Student will present
9:15-9:45 8 Case Presentation – D6 Student will present
4/7/24 There will be no studies - Prosthodontics Conference
11/7/24 9:15-9:45 9 Case Presentation – D6 Student will present
18/7/24 8:15-9:00 Course Summary – Prof. Nurit Beyth
9:15-9:45 10 Case Presentation – D6 Student will present
25/7/24 8:15-9:00 11 Case Presentation – D6 Student will present
9:15-9:45 12 Case Presentation – D6 Student will present

Required Reading:

1. Stephen F. Rosenstiel, Martin F. Land, and Junhei Fujimoto. *Contemporary Fixed Prosthodontics*, 4th Edition, Mosby publications:
2. Mauro Fradeani, *Esthetic Analysis: Esthetic Rehabilitation in Fixed Prosthodontics: A Systematic Approach to Prosthetic Treatment*, Quintessence publishing.

Additional Reading Material:

All content on Moodle course site

Grading Scheme:

Written / Oral / Practical Exam 15 %
Essay / Project / Final Assignment / Home Exam / Referat 3 %
Active Participation / Team Assignment 10 %
Mid-terms exams 2 %
Clinical Work / Lab Work / Practical Work / Workshops 10 %
Personal Guide / Tutor / Team Evaluation 60 %

Additional information:

The educational aims are monitored every three month during the 5th year program and are reported to the lecturer coordinator Prof. Nurit Beyth for appropriate decisions regarding the student's status. The overall grade is determined by assessing the student's capability in all aspects of comprehensive treatment and clinical performance.

Details of the Benchmarks to be achieved during the school year, at the end of the first semester and in the middle of the second semester, are detailed on the course website.

The minimum score for passing each of the student assessment components indicated is 60.

Minimum requirements for passing the course 5th year (completion of all following items is a mandatory requirement for passing the course):

*A score of 60 on the Clinical re-entry Quiz. *It should be noted that this component constitutes 2.5% and not 2% as indicated in the components of the final grade, due to the impossibility of expressing grade components in numerical parts. Midterm test component*

Score 60 theory test. Written test component

*Score 60 Seminar Presentation . *It should be noted that this component constitutes 2.5% and not 3% as indicated in the components of the final grade, due to the impossibility of expressing grade components in numerical parts.*

Signed score 100 RapidOne.

Score 85 chair-time utilization. Attendance component at the clinic

Score 60 clinical work quality assessment. Facilitator/instructor/team evaluation component

Filling out a self-evaluation form 85%. In 85% of the clinical evaluations sent to the instructors, the student will perform a self-evaluation.

Submission of 2 work reports - Communication and Collaboration -Dental Assistant Evaluation

Submission of 2 work reports - Communication and Collaboration - Teamwork Evaluation

Submitting a phantom mission.

Submitting a semester feedback report Semester 1

Submitting a semester feedback report Semester 2

5 First Aid completion. Signed First Aid Form in RapidOne.

Summative assessment -pass grade Proximal Restoration

A detailed schedule for carrying out the various assignments in the course is detailed on the course Moodle website. Failure to comply with the course assignment schedule will result in a grade being lowered. A grade decreases starting with the second task of not submitting on time. Any failure to submit means a point reduction in the final grade of the course.

More information on the calculation of the various course components can be found on the Moodle course website.

Further to the adjustments, the changes in the composition of the grade are presented below:

The minimum score for passing each of the student assessment components indicated is 60.

Minimum requirements for passing the course 5th year (completion of all following items is a mandatory requirement for passing the course):

*Attendance on orientation day. (An alternative to the Clinical re-entry Quiz) *It should be noted that this component constitutes 2.5% and not 2% as indicated in the components of the final grade, due to the impossibility of expressing grade components in numerical parts.*

"Pass" score on submitting 5 multiple choice questions on a topic seminar (An alternative to a theory test).

*Score 60 Seminar Presentation. *It should be noted that this component constitutes 2.5% and not 3% as indicated in the components of the final grade, due to the impossibility of expressing grade components in numerical parts.*

Signed score 70 RapidOne.

Score 85 chair-time utilization. Attendance component at the clinic

Score 60 clinical work quality assessment. Facilitator/instructor/team evaluation component

Filling out a self-evaluation form 85%. In 85% of the clinical evaluations sent to the instructors, the student will perform a self-evaluation.

Submission of 1 work reports – Communication and Collaboration -Dental Assistant Evaluation.

4 First Aid completion. Signed First Aid Form in RapidOne.