



The Hebrew University of Jerusalem

Syllabus

Comprehensive treatment of the adult patient. - 97971

Last update 29-09-2024

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 10:0-11:00

Teaching Staff:

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Dr. Mor Shlezinger,
Dr. Einav Hirschhorn,
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Dr. Uri Shafrir,
Dr. aline massad,
Dr. Michal Ostfeld,
Dr. Yarin Shilon,
Dr. Michal Lederman,
Dr. Yoav Pietrokovski,
Dr. Shay Levi,
Dr. Avital Houri,
Dr. Rinat Tzach,
Dr. Yuval Shalit,
Dr. Ella Istoyler,
Dr. Natalia Mizraji,
Dr. Jeremie Weil,
Dr. rula assali,
Dr. Yossef Agmon,
Dr. Ofra Abadi,
Dr. shiran udi-risen,
Dr. miral kinaaneh,
Dr. doron ram,
Dr. rafael milano

Course/Module description:

This course provides each student with basic and advanced clinical training and experience in comprehensive treatment. This multidisciplinary prosthodontic treatment experience will include the following disciplines: oral diagnosis, oral and maxillofacial surgery, endodontics, periodontics, orthodontics, hospital dentistry. Consultations in these various specialties of dentistry are available upon need. The course is focused on: operative dentistry, fixed prosthodontics, dental implants and digital dentistry. 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 a dentist (Prosthodontist/general dentist). The clinical instructors provide the students with training in diagnosis, treatment planning, sequencing and the actual treatment of their assigned patients. The student, supervised by the instructors, direct and coordinate the total dental health care of their patients. Weekly seminars are provided to discuss student's cases 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 sixth year student to be capable to manage and preform multidisciplinary prosthodontic treatment. To Implement and integrate the acquired knowledge during his studies: formulate comprehensive treatment plans, treat and manage the recall system for their patients. Acquire knowledge for diagnosis and treatment tools of adult patients with an indication for teeth supported FPD and implant supported fixed dentures. 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, dental students will be able to perform basic and advanced 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 in privated6 practice and in the community.

Learning outcomes - 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.

- 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.
- Perform a thorough patient anamnesis and clinical examination
- Discuss the diagnosis dental diseases and etiological
- Recommend detailed comprehensive treatment plan
- Assemble caries management by risk assessment
- 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 HUHSDM Professional Practice Competencies:

1.1 1.2 1.4 1.5

2.1 2.3 2.4 2.5 2.6 2.7 2.8 2.12 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: Lectures, Seminars & Clinical Practice

Seminars and clinical presentations are presented by the student in small groups supervised by the group instructor (prosthodontic specialists/general dentist).

Competency evaluations include, tooth preparation and provisional crown, treatment plan, communication with dental labs, multidisciplinary management of patient care, and team leadership.

A theoretical exam is held at the end of the first semester.

Course/Module Content:

- Patient management, appropriate interpersonal and communication skills.

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- 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:
 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
D6

Module Content D6 2024-2025

28/10/24 Orientation Day

10:00-10:45 Opening Queez

11:30-13:00 Opening lecture – Prof. Nurit Beyth

31/10/24 8:15-9:00 CAMBRA –Dr. Einav Hirschorn

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

7/11/24 8:15-9:45 Prosthodontic Challenge – Prof. Ami Smidt

14/11/24 8:15-9:45 Phantom Practice - Implant Impressions – Dr Yarin Shilon

21/11/24 8:15-9:45 Case Study -Posterior Over closer – Dr Shiran Udi-Risen

27/11/24 8:15-9:00 Resin Composite Restorations A- Prof. Nurit Beyth

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

5/12/24 8:15-9: Phantom Practice - Implants – Dr Yarin Shilon
9:15-9:45 2 Literature Seminar – D5 Student will present

12/12/24 8:15-9:00 Prosthodontic Challenge – Prof. Ami Smidt
9:15-9:45 3 Literature Seminar – D5 Student will present

19/12/24 8:15-9:00 Prosthodontic Challenge – Prof. Ami Smidt
9:15-9:45 4 Literature Seminar – D5 Student will present

26/12/24 8:15-9:00 Phantom La – Scanning Practice - Dr. Hodaya Meirovitch -Harari
9:15-9:45 5 Literature Seminar – D5 Student will present

2/1/25 8:15-9:00 6 Literature Seminar – D5 Student will present
9:15-9:45 7 Literature Seminar – D5 Student will present

9/1/25 There will be no studies - Prosthodontics Conference

16/1/25 8:15-9:00 8 Literature Seminar – D5 Student will present
9:15-9:45 9 Literature Seminar – D5 Student will present

23/1/25 8:15-9:00 Clinical Progress Feedback meetings
9:15-9:45 Clinical Progress Feedback meetings

30/1/25 8:15-9:00 10 Literature Seminar – D5 Student will present
9:15-9:45 11 Literature Seminar – D5 Student will present

2/2/25-13/2/25 NO LECTURES

20/3/25 8:15-9:00 12 Literature Seminar – D5 Student will present
9:15-9:45 13 Literature Seminar – D5 Student will present

27/3/25 Case Study – Dr. Shiran Udi-Risen

3/4/25 9:15-9:45 1 Case Presentation – D6 Student will present
9:15-9:45 2 Case Presentation – D6 Student will present

24/4/25 8:15-9:00 3 Case Presentation – D6 Student will present
9:15-9:45 4 Case Presentation – D6 Student will present

8/5/25 8:15-9:00 5 Case Presentation – D6 Student will present
9:15-9:45 6 Case Presentation – D6 Student will present

15/5/25 8:15-9:00 7 Case Presentation – D6 Student will present
9:15-9:45 8 Case Presentation – D6 Student will present

22/5/25 8:15-9:45 Clinical Progress Feedback meetings

29/5/25 8:15-9:00 9 Case Presentation – D6 Student will present

9:15-9:45 10 Case Presentation – D6 Student will present

5/6/25 8:15-9:00 11 Case Presentation – D6 Student will present

9:15-9:45 12 Case Presentation – D6 Student will present

12/6/25 There will be no studies - Prosthodontics Conference

19/6/25 9:00-9:45 Course Summary – Prof. Nurit Beyth

26/6/25 8:15-9:00 13 Case Presentation – D6 Student will present

9:15-9:45 14 Case Presentation – D6 Student will present

3/7/25 8:15-9:00 15 Case Presentation – D6 Student will present

9:15-9:45 16 Case Presentation – D6 Student will present

6/7-17/7 No lectures – Clinics only

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 10 %

Presentation / Poster Presentation / Lecture/ Seminar / Pro-seminar / Research proposal 5 %

Active Participation / Team Assignment 10 %

Mid-terms exams 2 %

Clinical Work / Lab Work / Practical Work / Workshops 10 %

Personal Guide / Tutor / Team Evaluation 60 %

Presentation / Poster Presentation / Lecture 3 %

Additional information:

The educational aims are monitored every three month during the 6th 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 6th 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. Presentation component

Score 60 Poster. Poster component

Signed score 350 RapidOne. This score also includes the score accumulated under 97861.

Practice of minimal skills passing grade. Details of the elements of the minimum experience required to complete the course can be found on the Moodle course website. This experience includes the experience within course 97861.

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 Evaluation -Dental Assistant

Submission of 2 work reports - Communication and Collaboration - Teamwork Evaluation -Dental Assistant Submitting work report - Communication and Collaboration -lab technologist

Submitting a phantom mission.

Submitting a semester feedback report Semester 1

Submitting a semester feedback report Semester 2

Summative assessment - Pass first aid competency test.

Summative assessment - Pass the data collection and treatment plan competency test.

Summative assessment - Pass Tooth supported Fixed Partial Denture (a passing

grade in each part)

Summative assessment - Pass Implant supported Fixed Partial Denture (a passing grade in each part)

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:

Minimum requirements for passing the course 6th year (completion of all following items is a mandatory requirement for passing the course):

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

*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 open-ended questions on Seminar Presentation (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 250 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.