



The Hebrew University of Jerusalem

Syllabus

Introduction for Basic & Clinical Research (MS.c + DMD) - 97942

Last update 30-11-2014

HU Credits: 3

Degree/Cycle: 2nd degree (Master)

Responsible Department: Bio-Medical Sciences in Dentistry

Academic year: 1

Semester: Yearly

Teaching Languages: Hebrew

Campus: Ein Karem

Course/Module Coordinator: Dr. Gilad Ben-Gal

Coordinator Email: gilad.bengal@mail.huji.ac.il

Coordinator Office Hours: Wednesday 14:00- 16:00

Teaching Staff:

Dr. Galit Almoznino

Course/Module description:

Training in cavity preparation, preliminary exposure to basic concepts in restorative dentistry, introduction to restorative materials and the use of basic dental appliances.

Course/Module aims:

1. Develop basic manual dexterity skills required for restorative dentistry.
2. Familiarize the student with the basic principles of cavity preparation.
3. Familiarize the student with the dental clinical environment.
4. Train the student in evaluating dental cavities

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

- Prepare dental cavities in a composite plate based on specific guidelines.
- List the relevant parameters for cavity preparation.
- Evaluate, criticize and correctly grade cavity preparations.

Attendance requirements(%):

80%

Teaching arrangement and method of instruction: Labs

Course/Module Content:

- Introduction to restorative dentistry
- Principals of cavity preparation
- Restorative materials
- Principals of cavity evaluation
- Preparation of cavities in various geometric shapes

Required Reading:

Sturdevant's Art and Science of Operative Dentistry 5th Editio, Fundamentals in

Tooth Preparation– chapter 6.

Additional Reading Material:

None

Course/Module evaluation:

End of year written/oral examination 90 %

Presentation 0 %

Participation in Tutorials 0 %

Project work 0 %

Assignments 0 %

Reports 0 %

Research project 0 %

Quizzes 10 %

Other 0 %

Additional information:

Module evaluation:

o Written Test – 10%

o Practical Examination – 90%

o Continuous assessment of practical work

Additional information:

Passing grade -70