



The Hebrew University of Jerusalem

Syllabus

Basic skills/Indirect restorations - 97709

Last update 21-12-2023

HU Credits: 16

Degree/Cycle: 2nd degree (Master)

Responsible Department: Dental Medicine

Academic year: 0

Semester: Yearly

Teaching Languages: Hebrew

Campus: Ein Karem

Course/Module Coordinator: Dr REVITAL HIVERT

Coordinator Email: revitalhivert@gmail.com

Coordinator Office Hours: wendesday 13:00-14:00

Teaching Staff:

Dr. Revital Hivert,
Dr. Ila Groswald,
Dr. Ilana Engel,
Dr. Gitit Brumer,
Dr. nashwa badarnneh,
Dr. Asher Zabrovsky,
Dr. Amalia Sabato,
Dr. oleg zaks,
Dr. Yassin Hilal,
Dr. yael schweber,
Dr. yoel nisenbaum,
Dr. elias Gantus,
Dr. shl ABUDI,
Dr. Omer Einhorn,
Dr. Aseel Daoud,
Dr. Aseel habeballah,
Dr. Ttalia Wolbromsky,
Dr. Ofra Abadi,
Dr. Lior Alon,
Dr. Sofia Tankhelson

Course/Module description:

Indications for IDR, Planning of IDR, Principles of tooth preparation, provisional restorations, materials for fabricating IDR's, impression materials and techniques, lab and CAD/CAM manufacture of FPD's, soldering, finishing and cementation.

Course/Module aims:

To teach the complete process of IDR production, both in the clinic and in the lab, for students to acquire the manual ability of tooth preparation and provisional restoration making

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

- On successful completion of this module, students should be able to:*
- Decide, explain and justify the treatment choice of a IDR.*
 - Plan and design a IDR.*
 - Decide which is the preferred material to be used for a IDR.*
 - Prepare teeth for a single crown and for three unit bridges.*
 - Prepare provisional restorations for single crowns and for three unit bridges.*
 - Describe and compare between various methods of fabricating IDR's.*
- Principles methods and materials of treating endodontic treated teeth.*

This course supports the following HUHSDM Professional Practice Competencies: 2.7

, 2.8

Attendance requirements(%):

80% lectures 100% clinics

Teaching arrangement and method of instruction: 50X1hr lectures &150hr labs.

Course/Module Content:

27.12.23

Opening lecture Dr Revital Hivert

Decision making Dr Revital Hivert

Indications and definitions DR Revital Hivert

Treatment steps Dr Revital Hivert

03.01.24

Onlay Dr Asher Zabrovsky

10.01.24

Indications for fixed partial dentures, Principles of tooth preparation Dr Revital Hivert

17.01.24

Finish line, provisional restoration DR Revital Hivert

24.01.24

Provisional restoration DR Revital Hivert

31.01.24

Impressions DR Revital Hivert

07.02.24

Impressions DR Revital Hivert

Intra oral scanning Dr Asher Zabrovsky

14.02.24

Treatment steps in IDR Dr Asher Zabrovsky

21.02.24

Treatment steps in IDR Dr Asher Zabrovsky

28.02.24

Pontics DR Revital Hivert

06.03.24

Face analysis DR Revital Hivert

01.05.24

Crown evaluation and soldering DR Revital Hivert

08.05.24

Porcelain Dr Yoav Pietrokovski

15.05.24

Finishing and cementation DR Revital Hivert

22.05.24

Post+ Core Dr Revital Hivert

29.05.24

Post+ Core Dr Revital Hivert

05.06.24

Post+ Core Dr Revital Hivert

19.06.24

Post+ Core Dr Revital Hivert

03.07.24

Maryland Dr Mor Shlesinger

Laminate Dr Ilana Angle

10.07.24

IDR survival and successes Dr Gikad Ben Gal

17.07.24

Course summery Dr Revital Hivert

Required Reading:

1. Herbert T. Shillingburg, *Fundamentals of fixed prosthodontics* Third edition. Chapters 6,7,9,14,15,16,17,18,22,23,26.
2. R. W. Wassell et al. Crowns and other extra-coronal restorations: Try-in and cementation of crowns. *British Dental J.* 2002; 192: 17-28.
3. R. W. Wassell et al. Crowns and other extra-coronal restorations: Impression materials and technique. *British Dental J.* 2002; 192: 679-690.
4. R. W. Wassell et al. Crowns and other extra-coronal restorations: Provisional restorations. *British Dental J.* 2002; 192: 619-630.

Biomechanical consideration for the restoration of endodontically treated teeth: a systematic review of the literature alternation. Part 1. Didier Dietschi, Avishay Sadan.

Quintessence International, vol 38, number 9 , Oct 2007.

Biomechanical consideration for the restoration of endodontically treated teeth: a systematic review of the literature alternation. Part II. Didier Dietschi, Avishay Sadan.

Quintessence International, vol 39, number 2 , Feb 2008.

Additional Reading Material:

None

Grading Scheme:

Written / Oral / Practical Exam 20 %

Mid-terms exams 20 %

Clinical Work / Lab Work / Practical Work / Workshops 45 %

Personal Guide / Tutor / Team Evaluation 15 %

Additional information: