



# *The Hebrew University of Jerusalem*

## *Syllabus*

### *Infectious Diseases-Control & Prevention - 97822*

*Last update 28-06-2023*

*HU Credits: 1*

*Degree/Cycle: 2nd degree (Master)*

*Responsible Department: Dental Medicine*

*Academic year: 0*

*Semester: 1st Semester*

*Teaching Languages: Hebrew*

*Campus: Ein Karem*

*Course/Module Coordinator: Prof. Yehuda Zadik*

*Coordinator Email: [yehuda.zadik@mail.huji.ac.il](mailto:yehuda.zadik@mail.huji.ac.il)*

*Coordinator Office Hours: By appointment*

*Teaching Staff:*

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Course/Module description:

*The course introduces students to the principles and practice of infection control required in dentistry*

Course/Module aims:

*To teach the theoretical and practical aspects of infection control in dentistry*

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

- 1. Identify the relevant pathogens in the dental clinic and their transmission routes*
- 2. Demonstrate the practice of primary prevention of dental infections and of secondary prevention (after exposure)*
- 3. Be familiar with the guidelines of the Ministry of Health, Hadassah and the School, in the field of prevention of infection*

*This course supports the following HUHSDM Professional Practice Competencies: 3.9*

Attendance requirements(%):

*0*

*Teaching arrangement and method of instruction: An online course, successful completion of an educational software, and a hands-on workshop*

Course/Module Content:

- 1. Occupational exposure to infections in the dental clinic*
- 2. Principles in preventing the transmission of infections*
- 3. Bacterial, viral and other pathogens*
- 4. Disinfection and sterilization in the dental clinic*
- 5. Treatment to the water supplied to the dental clinic*
- 6. Hand hygiene*
- 7. Vaccines*
- 8. Post-exposure protocol*
- 9. Dental care for immunocompromised patients*
- 10. Dental care in the corona era*
- 11. Guidelines: Ministry of Health, Hadassah Medical Center, and School of Dental*

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## Medicine

### Required Reading:

Ministry of Health guidelines for infection control and the CDC Guidelines for Infection Control in Dental Health-Care Settings — 2003

### Additional Reading Material:

Occupational exposures to human immunodeficiency virus, hepatitis B virus, and hepatitis C virus: risk, prevention, and management.

Cleveland JL, Cardo DM.

Dent Clin North Am. 2003 Oct;47(4):681-96.

Immunizations and oral health care providers.

Quaranta P.

Dent Clin North Am. 2003 Oct;47(4):641-64.

Waterborne pathogens and dental waterlines.

Mills SE.

Dent Clin North Am. 2003 Jul;47(3):545-57.

### Course/Module evaluation:

End of year written/oral examination 100 %

Presentation 0 %

Participation in Tutorials 0 %

Project work 0 %

Assignments 0 %

Reports 0 %

Research project 0 %

Quizzes 0 %

Other 0 %

Educational software

### Additional information:

None