



## *The Hebrew University of Jerusalem*

### *Syllabus*

## **DIFFERENTIAL DIAGNOSIS - 97951**

*Last update 28-06-2023*

*HU Credits:* 2

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

*Responsible Department:* Dental Medicine

*Academic year:* 0

*Semester:* 2nd Semester

*Teaching Languages:* Hebrew

*Campus:* Ein Karem

*Course/Module Coordinator:* Dr. andra rettman

*Coordinator Email:* [andragin@gmail.com](mailto:andragin@gmail.com)

*Coordinator Office Hours:* Mon,Wend. 08:30-15:00

*Teaching Staff:*

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Course/Module description:

The course consists of actual clinical case presentations, from various fields of oral medicine: diseases of the oral mucosa, salivary gland pathology, facial pain and jaw bone pathology and treatment of the systemically complex patient and emergency situations in dentistry.

All cases involve different uses of imaging methods. The students are exposed to the difficulties in obtaining an accurate diagnosis from a differential diagnosis, combining all the basic and clinical knowledge acquired during the clinical years in the fields of oral medicine. In addition to differential diagnosis training, the format is of course used as a practical preparation for the government licensing exam.

Course/Module aims:

- Provide the student with the skills to diagnose pathological conditions in the oral cavity, salivary glands, facial pain and jaw area and using different imaging methods.
- To be able to perform a structured and informed differential diagnosis, in order to reach, if possible, an accurate diagnosis and in the next step to decide when a patient must be referred for further examination, diagnosis and treatment by an expert in the field.

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

1. Distinguish between a pathological and a normal state
2. to accurately describe the pathology by using various imaging methods available to them
3. comprehensive analysis of clinical data in order to formulate a differential diagnosis.
4. assess patient's needs for additional medical tests.
5. interpret all the data and decide whether the patient can be treated by the general dentist or should be referred for further investigation and treatment by a specialist

"This course supports the following HUHSDM Professional Practice Competencies: 1.4, 1.5, 2.3, 2.10, 2.12, 2.13 3.4, 3.12"

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Attendance requirements(%):

80%

*Teaching arrangement and method of instruction: Lectures*

Course/Module Content:

- 1. The principles of differential diagnosis in medicine*
- 2. Differential diagnosis in diseases of the oral mucosa*
- 3. Differential diagnosis of infections*
- 4. Differential diagnosis in hemato-oncology*
- 5. Differential diagnosis in the hospitalized patients*
- 6. Differential diagnosis in oral radiology*
- 7. Differential diagnosis in salivary gland diseases*
- 8. Differential diagnosis in facial pain*
- 9. Differential diagnosis in dental emergencies*

Required Reading:

- 1. Oral and Maxillofacial Pathology 4th Edition - May 4, 2015 By Brad Neville , Douglas D. Damm , Carl M. Allen , Angela C. Chi.*
- 2. Dental management of the medically compromised patient 9th edition.*
- 3. White and Pharoah's Oral Radiology : Principles and Interpretation*

Additional Reading Material:

*Additional Reading Material: will be given by the instructors as needed for the clinical cases present in the clinic*

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 %*

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*Additional information:*