

## *The Hebrew University of Jerusalem*

### *Syllabus*

## **ORAL SURGERY-5TH YR (PRACTICAL) - 97817**

*Last update 01-09-2021*

HU Credits: 2

Degree/Cycle: 2nd degree (Master)

Responsible Department: Dental Medicine

Academic year: 0

Semester: Yearly

Teaching Languages: Hebrew

Campus: Ein Karem

Course/Module Coordinator: Dr. Rushinek Heli

Coordinator Email: [heliru@walla.com](mailto:heliru@walla.com)

Coordinator Office Hours: Theusday 9:00 – 11:00

Teaching Staff:

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Prof Nardy Casap,  
Dr. Amichay Meirovitz,  
Dr. Heli Rushinek,  
Prof Dorit Nitzan,  
Dr. Michael Alterman,  
Dr. Adir Cohen,  
Dr. Jawad AbuTair,  
Dr. Itai Zeevi,  
Dr. Tabib Rami,  
Dr. Yoram Fleissig

Course/Module description:

*This course focuses on the diagnosis and surgical treatment of facial trauma, cranio-facial anomalies and pathologies of the jaws. Two weeks of rotation in the maxillofacial clinic (Course no. D5-97872) provide the students with clinical experience in diagnosis, facial trauma, cranio-facial anomalies and pathologies of the jaws as well as the clinical experience in minor surgical procedures. As part of the rotation the students observe major surgeries and are given the opportunity familiarize themselves with advanced surgical procedures.*

Course/Module aims:

*The course aims at preparing the fifth year student to be capable of diagnosing and comprehending cranio-facial trauma, deformations and pathology. In the clinical part of the course the students are given the opportunity to demonstrate knowledge and gain experience in minor surgical procedures.*

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, neck and orofacial soft tissues, examination of teeth and restorations and radiographic examination.*
- *Demonstrate a range of diagnostic skills by: evaluating medical histories, showing radiographic diagnosis/diagnostic skills, identification of pathologies of oral soft and hard tissues.*
- *Perform basic clinical procedures: opening a flap, performing tooth extraction and suturing oral mucosa.*
- *Demonstrate knowledge in advanced surgical procedures: orthognathic surgery, facial trauma, cranio-facial anomalies, implant dentistry and procedures of alveolar bone augmentation.*
- *Identify and have a thorough differential diagnosis of oral pathologies and demonstrate knowledge in the appropriate treatment.*

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Attendance requirements(%):  
80%

*Teaching arrangement and method of instruction: Lectures*

Course/Module Content:

- Complementary methods in diagnosis and treatment of oral tumors,
- Facial trauma,
- Diagnosis and treatment of mid-face fractures,
- Diagnosis and treatment of mandibular fractures,
- Dento-alveolar trauma,
- Diagnosis and treatment of cranio-facial deformations,
- Orthognathic surgery,
- Diagnosis and treatment of temporo mandibular joint diseases,
- The influence of facial trauma and orthognathic surgery on the temporo mandibular joint,
- Oncological treatment of oral and maxillofacial tumors,
- Diagnosis and treatment of intraoral soft tissue tumors,
- Diagnosis and treatment of sub-mandibular tumors,
- Management of bisphosphonates necrosis,
- Diagnosis and treatment of pathology of the jaws,
- Complications in implant dentistry.
- \* orthodontic assisting procedures
- \* tmj arthroscopy
- \* surgery and reconstruction of head and neck malignancies
- \* Minimally invasive procedures in oral and maxillofacial surgery
- \* Treatment of congenital facial deformities from birth to adulthood

Required Reading:

1. Contemporary Oral and Maxillofacial Surgery. Peterson, L.J., Eliss, E. III, Hupp, J.R. and Tucker, M.R. 3rd Ed., 1998, Mosby.
2. Oral Pathology. Clinical-Pathologic Correlations. Joseph A. Regezi and James Sciubba. W.B. Saunders Co. Latest edition
3. Oral Anatomy. Harry Sicher. Latest edition
4. Oral Radiology: Principles and Interpretation [Hardcover] Stuart C. White, Michael J. Pharoah. Latest edition
5. Dental Management of the Medically Compromised Patient. James W. Little, Donald A. Falace, Craig S. Miller and Nelson L. Rhodus. 6th Ed. Mosby 2002
6. The Orthodontic treatment of Impacted Teeth: A. Becker Martin The Orthodontic treatment of Impacted Teeth: A. Becker, Chapter 1 - 3, pp 1 - 44 Martin Dunitz,

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1998.

7. Nitzan DW, Marmary Y: *The "anchored disc phenomenon": a proposed etiology for sudden onset severe and persistent closed lock of the TMJ.* J Oral Maxillofac Surg 55 (8):797-802, 1997

8. Nitzan DW, Bar ziv J, Shteyer A: *The status of the displaced condylar head in ankylosis type III.* J Oral Maxillofac Surg. 56 (10): 1133-8,1998

Additional Reading Material:

None

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 %

Additional information:

End of year written examination - 100%

student must pass in order to participate course no. 97902