Syllabus

**ORAL SURGERY-6TH YR (THEORETICAL) - 97902**

*Last update 28-10-2016*

**HU Credits:** 2

**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. Nardy Caspi

**Coordinator Email:** nardicaspi@gmail.com

**Coordinator Office Hours:** Unlimited - appointments should be scheduled with the Departments' head secretary

**Teaching Staff:**

Prof Arie Shteyer
Course/Module description:
This course focuses on the diagnosis and surgical treatment by case and problem learning, focusing on the different aspects of evaluation, differential diagnosis, treatment plan and outcomes. The course is based on seminars prepared and presented by the students under the supervision of the senior surgeons. Two weeks of rotation in the oral & maxillofacial clinic (Course no. D6-97877), provide the students clinical experience in diagnosis, facial trauma, cranio-facial anomalies and pathologies of the jaws as well as the clinical experience in minor surgical procedures (tooth extractions, implantology, control of infection etc.). As part of the rotation the students observe major surgeries and are given the opportunity to familiarize themselves with advanced surgical procedures. Furthermore the students will be actively involved in the hospital’s emergency and trauma department twice a week throughout the whole evening and night. One day /week they will join the Oral and maxillofacial prosthetic department and be exposed to the prosthetic rehabilitation of oncology patients in the field of head and neck malignancies and irradiated patients.

Course/Module aims:
The course aims at preparing the sixth year student to be capable of diagnosing and comprehending different cases from a surgical point of view. In the clinical part of the course the students are given the opportunity to demonstrate knowledge and gain experience in minor surgical procedures and to be exposed to numerous maxillofacial problems and treatment modalities.

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 and 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 pathology 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, dental and maxillofacial trauma, cranio-facial anomalies, implant dentistry and procedures of alveolar bone augmentation. Diagnosis and treatment of oral and maxillofacial infections, salivary gland diseases, TMJ diseases, soft and hard tissue pathology (benign and malignant).
- Identify and have a thorough differential diagnosis of oral pathologies and demonstrate knowledge in the appropriate treatment.

**Attendance requirements(%):**

100%

**Teaching arrangement and method of instruction: Seminars**

**Course/Module Content:**

Seminars varies each year yet there are mandatory that should be included in the seminars list:

- Spread of infections
- Maxillary sinus pathology and diseases
- Osteomyelitis, Osteoradionecrosis and BRONJ
- Periapical lesions and surgical approach
- Oro-antral communication
- Pediatric trauma
- Dento-alveolar trauma
- Midface trauma
- TMJ - Hypomobility, limited mouth opening, anchored disc phenomenon, arthrocenthesis, osteoarthritis and fractures
- Salivary gland pathology
- Submandibular swellings
- Giant cell lesions
- Head and neck pathology (benign and malignant)
- Facial asymmetries and congenital malformations
- Surgical extractions and complications
- The rational usage of antibiotics
- Bone radiolucencies – ameloblastoma / keratocyst, dentigerous cyst
- Orthodontic implants / screws
- Bone and alveolar distraction osteogenesis
- Dental implants
- Bone/ridge augmentation and bone replacement
• Sinus lift procedure
• Biological membranes for augmentation
• Vascular anomalies/malformations

**Required Reading:**

4. Oral Radiology: Principles and Interpretation [Hardcover]
5. Stuart C. White, Michael J. Pharoah. Latest edition
7. orf staff pers published in the english literature and were selected by thepa All the particular seminar

**Additional Reading Material:**

None

**Course/Module evaluation:**

- End of year written/oral examination 0 %
- Presentation 100 %
- Participation in Tutorials 0 %
- Project work 0 %
- Assignments 0 %
- Reports 0 %
- Research project 0 %
- Quizzes 0 %
- Other 0 %

**Additional information:**

- Seminars and presentations are assessed by three parameters: literature review, preparation of the seminar and the presentation of the seminar in front of their colleagues and staff members -100 % (10% of the final written exam).

**Additional information:**

- End of year written examination includes the 4th, 5th and 6th year studies - 100%