

PRINCIPI DI PATOLOGIA DEL CAVO ORALE (IDU211)

1. language

Italian.

2. course contents

Coordinator: Prof. PAOLO FRANCESCO MANICONE

Year Course: 2nd year

Semester: 1st semester

UFC: 6

Modules and lecturers:

- PATOLOGIA SPECIALE ODONTOSTOMATOLOGICA (IDU01B) - 2 CFU - SSD MED/28

Prof. Carlo Lajolo, Giorgio Cameli

- RADIOLOGIA ODONTOSTOMATOLOGICA (IDU03B) - 2 CFU - SSD MED/36

Prof. Tommaso Tartaglione

- TECNICHE DI SEMEIOLOGIA E MONITORAGGIO DEL CAVO ORALE (IDU02B) - 2 CFU - SSD MED/50

Prof. Edoardo Rella, Paolo Francesco Manicone

3. BIBLIOGRAPHY

- REGEZI J. A, SCIUBBA J.J., Patologia orale, A.Delfino Editore, Milano, 7° edizione -

Recommended

FICARRA G. Manuale di Patologia Orale , Edizioni Mc Grow-Hill - Recommended

- CORTESI ARDIZZONE V, ABBINANTE A., Igienista Orale. Teoria e pratica professionale.

Edizioni LSWR Srl, Milano 2013 - Recommended

- A. ROTONDO et Al., Odontoiatria – Diagnostica per immagini. Edizioni Idelson-Gnocchi –

Recommended

4. LEARNING OBJECTIVES

Objectives:

The student is provided with the didactic and technical basis for using the methods and tools for detecting oral objectivity in relation to mucosal and dento-gingival pathology. Appropriate skills are also provided to perform a patient monitoring protocol, supported by adequate knowledge of oral pathology and dental radiology.

Knowledge and ability to understand - The student, upon completion of the course, should know the basic principles of oral pathology, dental radiology, and oral cavity monitoring.

Applied knowledge and understanding skills - The student should be able to analytically solve operative problems related to the various types of clinical framing of a patient in the areas of oral pathology, dental radiology, and monitoring techniques.

Autonomy of judgment - The student should be able to apply appropriate diagnostic parameters to the different clinical conditions present in a multidisciplinary case, demonstrating ability to synthesize between the acquired notions and their clinical application.

Communication skills - The student at the end of the course should be able to describe the basic principles of oral pathology, dental radiology, and oral cavity monitoring techniques with suitable language property.

Ability to learn - The student should have acquired the knowledge that will enable him/her to attend courses in the following semester which will present clinical cases of greater diagnostic-therapeutic complexity.

5. prerequisites

All exams from the previous year are expected to be propaedeutic.

6. TEACHING METHODS

Teaching methods used: lectures.

The course program will be conducted with lectures and power-point presentations. Students will be encouraged to expound and discuss topics related to the integrated course modules. Simulator exercises will be supported by audio-visual presentations.

Knowledge and understanding skills: treatment of the elements covered in the course syllabus using clinical cases.

Applied knowledge and comprehension skills: diagnostic framing and treatment options are subject to choral discussion between faculty and students.

Autonomy of judgment: in order to formulate correct hypotheses, the student must use the knowledge acquired during the course.

Communication skills: communication skills will be developed through the presentation of clinical cases during lectures.

Ability to learn: the enhancement of active learning through the analysis of clinical cases will enable students to apply knowledge, develop appropriate technical language and prepare for courses in the following semester that will present clinical cases with increasing diagnostic-therapeutic complexity.

7. OTHER INFORMATIONS

Objective: to assume adequate basic diagnostic and therapeutic skills in the disciplines included in the integrated course.

8. METHODS FOR VERIFYING LEARNING AND FOR EVALUATION

Mode of verification of learning: oral final examination.

Intermediate written tests with multiple-choice tests can also be scheduled. The mode of evaluation of the course is by marks in thirtieths. The oral examination and intermediate tests include questions, covering the topics covered in each of the modules forming part of the course. During the test the student will have to demonstrate that he/she has acquired the fundamental concepts in the field of oral pathology, dental radiology and monitoring techniques; he/she will also have to confirm that he/she knows how to link together the various topics covered in the course. The student during the oral examination should demonstrate the ability to clearly expound the knowledge acquired, confirming its complete understanding. The individual modules contribute equally to the definition of the final grade. The highest mark is awarded to the student who has actively followed the lectures, participating in the discussion of clinical cases, deepening the notions acquired during the course and actively integrating them with prior knowledge; a prerequisite is the performance of a brilliant examination.

Knowledge and ability to understand: The student is expected to answer questions on topics covered in the course syllabus.

Applied knowledge and ability to understand: Questions may be on clinical cases.

Autonomy of judgment: To answer the questions, the student must merge knowledge acquired during previous years.

Communication skills: Communication skills will be assessed during the oral test; the student should express himself/herself in suitable technical language.

Ability to learn: In the exam, the notions learned during the course and whether these notions are sufficient for the student to take the integrated courses of the following semester will be evaluated.

9. program

Module 1: CLINICAL ORAL PATHOLOGY

Development of teeth and jaws- Developmental abnormalities- Eruption and permutation of teeth and their anomalies- Dental anomalies- Wisdom tooth dysodontiasis- Dental caries- Pulpopathies and pulpitis, acute and chronic- Apical periodontitis, acute and chronic- Complications of acute and chronic inflammatory processes of the dental pulp and periapex- Abscesses and phlegmons, pathways of spread of purulent processes- Introductory principles of periodontology; Gingival volume increases, desquamative gingivitis, necrotizing gingivitis- Odontogenic cysts- Odontogenic tumors, benign and malignant- Osteitis and osteomyelitis of the maxillae- Benign and malignant pathology of the major and minor salivary glands- Hyposialia and xerostomia. - Oral mucosal pathophysiology, histology, and cellular atypia- Infectious, immunologic, and hereditary-based vesiculobullous diseases of the oral mucosa- Ulcerative lesions of the oral mucosa- White lesions and red lesions of the oral cavity- Oral lichen planus- Superficial and deep mycoses- HPV infection and oral manifestations during HIV infection- Potentially malignant disorders of the oral mucosa

and their relationship to squamous cell carcinoma of the VADS.

Module 2: ORAL RADIOLOGY

General principles of imaging in diagnostics.

Legislation on the use of energy sources using x-rays and other energy sources.

Integrated imaging anatomy of the odontostomatologic apparatus.

Techniques for studying the apparatus: traditional radiology, ultrasound, dentalscan and MRI.

Module 3: SEMEIOTIC AND ORAL MONITORING TECHNIQUES

Personal, medical and dental history. Extra- and intra-oral examination: methods of performance.

Intra-oral examination: dental and root anatomy. Diagnostic indices: simple and cumulative, criteria for selecting an index, DMFT, periodontal indices, indices assessing the degree of oral hygiene, indices of need for treatment.

Radiographic documentation: radiological examinations required for evaluation of periodontal and dental status. Photographic documentation: indications and method of collecting photographic documentation.

Study models: indications and mode of collection of study models. Recording of data on the dental record. Monitoring of the prosthetic patient.

Documentation of clinical follow-up in complex cases.