

29321 - Preventive and Community Odontology

Syllabus Information

Academic year: 2023/24

Subject: 29321 - Preventive and Community Odontology

Faculty / School: 229 - Facultad de Ciencias de la Salud y del Deporte

Degree: 442 - Degree in Odontology

ECTS: 6.0

Year: 2

Semester: Second semester

Subject type: Compulsory

Module:

1. General information

The subject has its context within the degree program and responds to the general sense of: - Identification of risk factors in oral pathology.

- To know and apply the basic instruments essential for the interpretation, control and evaluation of oral health problems of the population.
- To know and apply the oral health programs in the population
- To act against the public and dental health problems.
- To prevent and promote oral health.
- To establish the relationship between nutritional and dietary habits and the maintenance of health and prevention of oral diseases.

2. Learning results

The student, in order to pass this subject, must demonstrate the following results:

- 1- To know the aetiology of oral pathology by identifying risk factors.
- 2- To perform an early diagnosis of oral health and disease.
- 3- To describe, apply and evaluate methods for the control and prevention of oral diseases . 4o- To perform the different procedures for the elimination of bacterial plaque
- 5- To understand the usefulness of pit and fissure sealants as a preventive anticaries measure 6o-To describe the methods of disinfection and sterilization in the dental office.
- 7- To identify the health status and oral health needs of a community.
- 8- To program, develop and evaluate oral health programs.

3. Syllabus

- 1: Introduction to preventive and community dentistry.
- 2: Bacterial plaque and acquired pellicle. Bacterial plaque calcification. Aetiological factor of caries and periodontal disease.
- 3: Saliva.
- 4: Mechanical control of the plaque
- 5: Chemical control of bacterial plaque.
- 6: Professional plaque control.
- 7: Plaque Control Programs.
- 8: Dental caries. Etiopathogenesis and diagnosis.
- 9: Caries risk: assessment and control.
- 10: Fundamentals of fluoride preventive and therapeutic action.
- 11: Pit and fissure sealants.
- 12: Nutrition, diet and oral health.
- 13: Periodontal disease.
- 14: Tobacco and oral health.
- 15: Dental trauma.
- 16: Oral cancer.

- 17: Sterilization and disinfection. Biological accidents.
- 18: General principles and concepts of dental epidemiology.
- 19: Organization of oral health services.

4. Academic activities

- **Participative master class** in the classroom = 24h. In the master classes, the main objectives of the subject will be explained, and the teacher will develop in detail the necessary contents for an adequate understanding of the knowledge.
- Preclinical and clinical practices = 22,5h. Pre-clinical simulation practices that evoke or replicate the fundamental aspects of clinical reality and clinical practices with patients, according to availability.
- **Seminars and supervised work** = 13,5h. These seminars will provide analysis topics or pose specific problems that the student will develop individually or in group. These contents include therefore any activity that students carry out in a face-to-face mode, including the evaluation processes
- **Autonomous work** = 90h indicates the student's non-classroom time, including research information search, preparation of assignments or proposed exercises, study and preparation of exams.
- Tutorials** for the supervision of the field work and clarification of theoretical of theoretical and practical contents.

5. Assessment system

Theoretical evaluation (60% of the final grade):

a. Theoretical classes: regular attendance to theoretical classes of the subject and discussions with active participation in them (contributions, questions, interventions...) (10 %)

b. Theoretical final test to evaluate the acquired knowledge of the subject (50% of the final grade)

The theoretical evaluation consists of a 40-question multiple-choice test with only one correct answer. There is no negative valuation of incorrect answers, to pass it would be necessary to get at least 28 questions right, which would be equivalent to a 5 out of 10. To pass the theoretical evaluation it is necessary to pass the multiple-choice test.

- **Practical evaluation**(40 % of the final grade) divided into:

a. Individual work: completion of practices and preclinical practice notebook (20 %) b. Directed work, seminars, oral presentations and resolution of cases (20 %)

To pass the subject it is necessary to pass each of the parts separately, reaching at least half of the percentage stipulated in each section.

In addition to the continuous evaluation, in case of absence to some practice or cases, there will be a global evaluation **test** in which the student will have to demonstrate their knowledge of the subject with the realization in addition to the theoretical test, of a practical and case evaluation. Passing this practical evaluation and cases is required to access the theoretical evaluation.