

## 29347 - Orofacial Pain

### Syllabus Information

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**Academic Year:** 2019/20

**Subject:** 29347 - Orofacial Pain

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

**Degree:** 442 - Degree in Odontology

**ECTS:** 6.0

**Year:** 4

**Semester:** Second semester

**Subject Type:** Optional

**Module:** ---

### 1.General information

#### 1.1.Aims of the course

#### 1.2.Context and importance of this course in the degree

#### 1.3.Recommendations to take this course

### 2.Learning goals

#### 2.1.Competences

#### 2.2.Learning goals

#### 2.3.Importance of learning goals

### 3.Assessment (1st and 2nd call)

#### 3.1.Assessment tasks (description of tasks, marking system and assessment criteria)

### 4.Methodology, learning tasks, syllabus and resources

#### 4.1.Methodological overview

The learning process designed for this course follows an orderly step-wise process, so that the course starts with the study of basic and integration concepts which are mainly worked through **lectures**, then it introduces the student to develop skills involving procedural, integration and understanding skills of the applications of the subject to be worked through various activities in small groups in **practical sessions**.

To better track the learning process students will be encouraged to use the **tutoring/office hours** through various systems and methods: conventional tutoring or more specific assistance related to practical work.

Communications, announcements, and supplementary materials will be provided via Moodle in the **Anillo Digital Docente** (intranet ADD).

#### 4.2.Learning tasks

**Participatory lectures:** basic concepts of the subject are showed, directing students towards the acquisition of skills and learning outcomes. Audiovisual support material will be used and students could find it in the intranet ADD. During these activities, students will be encouraged to be participatory and dynamic. This activity occupies 4 ECTS, 40 hours in the lecture room.

**Practical sessions** occupying 2 ECTS, 20 hours spread over six sessions of 2 hours including:

- a) Seminars
- b) Clinical Cases
- c) Clinical Practice

**Tutorials:** both individual and grouped, for guidance in the teaching-learning of the subject.

**Personal Study:** From all other activities, students should be responsible for creating diagrams and structured work programs.

### 4.3.Syllabus

#### Lecture topics

1. The Neural Anatomy of Orofacial Pain
2. The Neurophysiology of Orofacial Pain: Nociceptors
3. The Central Processing of Orofacial Pain: Pain processing in brainstem
4. The Central Processing of Orofacial Pain: Pain processing at the Supraspinal Level.
5. Physiopathology of inflammation and its relation to nociception
6. Neurogenic inflammation
7. Pharmacological and non-pharmacological treatment in orofacial pain.
8. The Various Clinical Presentations of Pain
9. Principles of Pain Diagnosis
10. Background: Orofacial pain in dental practice.
11. Category Classification of Oral and Facial Pain.
12. Cutaneous, Mucogingival and dental Pains.
13. Musculoskeletal Pains. Introduction to Temporomandibular Disorders.
14. The Etiopathology of temporomandibular disorders.
15. The interdisciplinary treatment of temporomandibular disorders.
16. Visceral Pains
17. Vascular and Neurovascular Pains.
18. Neuropathic Pains

### 4.4.Course planning and calendar

The theoretical lectures will begin the first day of class assigned to the theoretical teaching of the subject. In this first day of class it will also be communicated practices, seminars dates and tutored project deadline, according to the academic calendar. Those dates will be posted on the official Faculty or Departmental notice boards.

### 4.5.Bibliography and recommended resources

- Okeson, Jeffrey P.. Dolor orofacial según Bell : tratamiento clínico del dolor orofacial / Jeffrey P. Okeson . 6a ed Barcelona [etc.] : Quintessence, 2008 (BB)
- Orofacial pain : guidelines for assessment, diagnosis, and management / Reny de Leeuw, editor. . 4th ed. Chicago : Quintessence, 2008. (BB)
- Bascones Martínez, Antonio. Dolor orofacial : diagnóstico y tratamiento / Antonio Bascones Martínez, Francisco J. Manso Platero. . - 1a ed. Madrid : Avances médico-dentales, 1997. (BC)
- Norton, Neil S.. Netter, Anatomía de cabeza y cuello para odontólogos/ Neil S. Norton ; ilustraciones de Frank H. Netter ; ilustradores, Kip Carter ... [et al.]. Ámsterdam ; Barcelona [etc.] : Elsevier Masson, 2007. (BC)
- *Orofacial pain : from basic science to clinical management : the transfer of knowledge in pain research to education / edited by James P. Lund ... [et al.] Chicago : Quintessence, 2001 (BB)*
- García-Fajardo Palacios, Carlos. Dolor odonto estomatológico / Carlos García-Fajardo Palacios [Madrid : Riapano, 2007] (BC)