VNIVERSITAT DE VALÈNCIA

Course Guide
34721 Orthodontics II

COURSE DATA

Data Subject	
Code	34721
Name	Orthodontics II
Cycle	Grade
ECTS Credits	6.0
Academic year	2017 - 2018

Study (s)

Degree	Center	Acad. year	Period
1206 - Degree in Dentistry	Faculty of Medicine and Odontology	5	First term

Subject-matter

Degree	Subject-matter	Character
1206 - Degree in Dentistry	21 - Orthodontics	Obligatory

Coordination

Name	Department
SOLER SEGARRA, INMACULADA	131 - Stomatology

SUMMARY

The Orthodontics II subject includes the clinical part of the basic concepts acquired in Orthodontics I. This, make of it the discipline that provides to the students the knowledge about diagnosis and type of treatment needed to the correction of different malocclusions.

It is closely related to other disciplines including surgery, periodontics, prosthodontics to achieve different interdisciplinary treatments goals thus knowledge acquired by the student through out the course whose ultimate goal is the theoretical and practical application. All this considering the patient from a holistic prespective.

PREVIOUS KNOWLEDGE

Relationship to other subjects of the same degree

1206 - Degree in Dentistry :

1210 - Grado de Odontología 2012 :

R4-OBLIGATION TO HAVE SUCCESSFULLY COMPLETED THE COURSE

34720 - Orthodontics I

34720 - Orthodontics I

Other requirements

The applicant must have passed the subject Orthodontics I encloused in the 4th year. In this subject the student must have acquired basic knowledge of cranial anatomy, growth, histology and biomechanics.
The student must be able to handle the tools necessary to conduct a comprehensive diagnosis of malocclusion also know how to apply the set of orthopedic and orthodontic techniques and therapeutic methods.
The student must know and distinguish the different devices and techniques either orthopedic or orth

OUTCOMES

1206 - Degree in Dentistry

- Saber realizar un examen bucal completo, incluyendo las oportunas pruebas radiográficas y de exploración complementarias, así como la obtención de adecuadas referencias clínicas
- Conocer y aplicar el tratamiento básico de la patología bucodentaria más habitual en pacientes de todas las edades. Los procedimientos terapéuticos deberán basarse en el concepto de invasión mínima y en un enfoque global e integrado del tratamiento bucodental.
- Realizar modelos diagnósticos, montarlos y tomar registros inter-oclusales.
- Elaborar las prescripciones de los productos sanitarios a medida «prótesis dentales» y «aparatos de ortodoncia y ortopedia dento-facial».
- Planificar, determinar las características especificas de diseño, registros, prescripción, pruebas clínicas, colocación y ajuste clínico para puesta en servicio de mantenedores de espacio fijos y removibles y técnicas de ortodoncia interceptiva así como elementos activosextraíbles destinados a desplazar dientes o corregir mordidas cruzadas.
- Identificar y corregir hábitos bucales susceptibles de causar o exacerbar maloclusiones.

LEARNING OUTCOMES

Students must be able to:

- Analyze and interpretate dental records to have a correct diagnosis and treatment.

- Describe and assess the discoveries found in the dental records

- Know in-depth dentition development and craniofatial growth

- Recognize orthodontic devices and the biomechanic base for its use.

- Be prepared for the incorporation of the different possibilities of orthodontic treatment and its use in the multidisciplinar treatment.

- Know well the ethic look and the iatrogenic risks of orthodontic treatment and the attitude we have to take on

- Be competent in deviatons of normality interpretation, in the habits development and know to use the correct treatment.

WORKLOAD

ACTIVITY	Hours	% To be attended
Laboratory practices	54,00	100
Theory classes	26,00	100
Classroom practices	10,00	100
Development of group work	15,00	0
Readings supplementary material	15,00	0
Preparation of practical classes and problem	15,00	0
Resolution of case studies	15,00	0
TOTAL	**150,00**	

TEACHING METHODOLOGY

Free text describing teaching methodology on the subject. This information should be coherent with the content of the subject seminar.

Text can be written in bold or cursive formats.

Maximum space 2 pages. Space recommended, less than 1 page.

1. THEORY: 2 hours per week. Acquisition of knowledge by theory with active participation.

2. WORKSHOP: 2 hours per week. Practice and interaction of the theory. The student will follow the practice guide in order to follows the content in a straight forward way. Ability for diagnosis and treatment plan.

SEMINARS. 1 hour per week. Seminars will help students to make a monographic issue by reading selected articles

EVALUATION

Evaluation in three blocks: theory, practical and seminars. Each part must be passed indepentdently

1. Theory (test of multiple choices (50%). 50 questions of 4 options, only one is the best answer. Minimum score to pass the test is 6.5. Eligible for second practice exam needs to pass the theory first. This practice exam include all theory, clinical practice and seminars. Wrong answer do not deduct in the final score

2 Practical written test (30%) about diagnosis and treatment plan of two clinical malocclusion cases. Needs to be pass individually.

3. Practical knowledge evaluation. Must be pass before going to theory test.

4. Assessment of the working seminar by the group- Must be pass before going to theory test.

In order to access to an advance on the call of this subject, it is a requirement that the student has coursed with benefits all his/her practices.

REFERENCES

Basic

- CANUT,J.A. (2000). Ortodoncia clinica y terapéutica. Barcelona, Masson
- PROFFIT, W.R. (1999). Contemporary orthodontics. 3rd ed.St.Louis, Mosby
- BRAVO, L.A.(2007) Manual de Ortodoncia. Madrid, Sintesis

Additional

- MOYERS,R.E. (1988). Orthodontics. Chicago, Year Book, Med. Publish.
- RAKOSI,T. (1982). Cephalometric Radiography. Freinburg, wolfe Med. Public.
- GRABER, T.M. (1985). Dento-Facial Orthopedics with Functional Appliances. St. Louis, The C.V. Mosby Co.