

29328 - Prosthesis II

Syllabus Information

Academic Year: 2020/21

Subject: 29328 - Prosthesis II

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

Degree: 442 - Degree in Odontology

ECTS: 6.0

Year: 3

Semester: Second semester

Subject Type: Compulsory

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 methodology followed in this course is oriented towards the achievement of the learning objectives. A wide range of teaching and learning tasks are implemented, such as lectures, clinical case sessions, and workshops.

Given the exceptional situation of the 2020-2021 academic year, the way of carrying out the different learning tasks depends on the availability of physical spaces in the Center. So, the online format will be used, that is, that is to say, in a synchronic telematic system, by which teachers and students will be connected through technologies that allow interaction, such as Google Meet for theoretical and practical classes with the whole group. To ensure that all students have the possibility of teaching online, the sessions will be recorded and made available to students in Moodle through links to Google Drive. Other activities will be held in the classroom and / or laboratory assigned by the Center.

4.2.Learning tasks

This course is organized as follows:

- **Lectures.** Active participation of the students is promoted.
- **Clinical case sessions.** Doubts will be resolved in common.
- **Workshops.**

Work with materials and processes with a symbolic nature.

- Professor's presentation through magistral lectures.

- Workshops. The students and the professor will show and introduce the use of the parallelizers.
- Student study of the recommended texts.
- Written work in groups by the students about overdentures.

Analysis and diagnosis in contextualized situations.

- Workshops with presentation and group analysis of parallelizer.
- Study and video display of different prosthetic techniques accompanied by comments and analysis in groups.

Achievements in a context close to reality.

- Preclinic and laboratory practices with plastic casts that reproduce the anatomical condition of edentulism in a similar context to a real patient.

4.3.Syllabus

This course will address the following topics:

Presentation

Topic 1: Dental Prosthesis Concept. Objectives. Course organization. Theoretical and Practical program. Schedule. Rules. Evaluation Criteria. General bibliography.

Immediate Prosthesis. Maintenance in removable prosthesis.

Topic 2: Dental prosthesis types.

- **Magistral Lesson**
- **Laboratory Practice:** Finishing and remounting complete prosthesis.

Topic 3: Immediate prosthesis. Concept, indications, clinical and laboratory elaboration phases.

- **Magistral Lesson.**
- **Laboratory Practice:** Finishing and remounting complete prosthesis.

Topic 4: Prosthesis rebasing. Direct and indirect technique. Base prosthesis reconstruction. Composites.

- **Magistral Lesson.**
- **Laboratory Practice:** Rebasing and composite of removable prosthesis.

Partial Removable Prosthesis

Topic 5: Partial edentulous patient. Clinical exploration, diagnosis, classification, prognosis and treatment plan.

- **Magistral Lesson.**
- **Laboratory Practice:** Occlusal adjustment of removable prosthesis.

Topic 6: Impressions in partial removable prosthesis, cast analysis, partial removable prosthesis components.

- **Magistral Lesson.**
- **Laboratory Practice:** Impressions in partial edentulous patients, casting and plinthing.

Topic 7: Structure design. Parallelism and retainers and connectors design. Biomechanical considerations.

- **Magistral Lesson.**
- **Workshop:** Parallelizer.

Topic 8: Occlusion in Partial removable prosthesis. Records and articulator transference in partial edentulous patient.

- **Magistral Lesson.**
- **Laboratory Practice:** Parallelizer. Component and use.

Topic 9: Wax-up techniques. Casted. Structure test.

- **Magistral Lesson.**
- **Laboratory Practice:** Parallelizer. Component and use.

Topic 10: Prosthesis installation in mouth. Aesthetics and functional checks. Hygiene indications. Periodical controls.

- **Magistral Lesson.**
- **Laboratory Practice:** Preparation and design of a partial removable prosthesis according to Kennedy class.

Topic 11: Acrylic partial removable prosthesis. Concept, indications and design. Clinical and laboratory phases. Periodical controls.

- **Magistral Lesson.**
- **Laboratory Practice:** Preparation and design of a partial removable prosthesis according to Kennedy class.

Sobredentaduras

Topic 12: Overdentures. Concept, historic background, indications, diagnosis, prosthetic treatment. Retention types.

- **Magistral Lesson.**
- **Level Test.**

4.4.Course planning and calendar

Further information concerning the timetable, classroom, office hours, assessment dates and other details regarding this course will be provided on the first day of class or please refer to the Faculty of Health and Sports Sciences website and Moodle.

Defgree website:

<https://fccsyd.unizar.es/odontologia/grado-odontologia>

4.5.Bibliography and recommended resources

Basic bibliography:

- Carr, Alan B. Mccracken Protesis Parcial Removible / Alan B. Carr, Glen P.McGivney, David T. Brown. Barcelona :Elservier España, 2006
- Loza Fernández, David.. Diseño de prótesis parcial removible / David Loza Fernández, H. Rodney Valverde Montalva ; colaboradores, Artrr, Alan B. Mccracken Protesis Parcial Removible / Alan B. Carr, Glen P.McGivney, David T. Brown. Barcelona :Elservier España, 2006
- Graber, George. Atlas de prótesis parcial. Ed Masson-Salvat, 1993

Complementary bibliography:

- Alonso, Aníbal Alberto. Oclusión y diagnóstico en rehabilitación oral / Aníbal Alberto Alonso, Jorge Santiago Albertini, Alberto Horacio Bechelli . 1a ed., 4a reimp. Buenos Aires : Editorial Médica Panamericana, 2005
- GEERING, ALFRED H.; KUNDERT, Martin. Atlas de prótesis total y sobredentaduras. Ed. Masson-Salvat 1993
- Mallat Desplats, Ernest.. Prótesis parcial removible y sobredentaduras / Ernest Mallat Desplats, Ernest Mallat Callís. . Madrid [etc] : Elsevier, D.L. 2003.
- Rendón Yúdice, Roberto.. Prótesis parcial removible : conceptos actuales, atlas de diseño / Roberto Rendón Yúdice. . Madrid [etc.] : Médica Panamericana, 2006.
- Fonollosa Pla, Josep Maria.. Prótesis removible de resina / Josep Mí? Fonollosa Pla ; directoras Caterina Casado Latorre, Mí? Angeles Chavarría Lorente. . Barcelona : Masson, 2004.
- Mallat Desplats, Ernest. Prótesis parcial removible : clínica y laboratorio / Ernest Mallat Desplats, Thomas P. Keogh . 1a. reimp Madrid [etc.] : Harcourt Brace, 1998
- García Micheelsen, José Luis.. Diseño de prótesis parcial removible : secuencia paso a paso / José Luis García Micheelsen, Luis Enrique Olavarría Astudillo. . Caracas : Amolca, 2005.
- MISCH, Carl E.. Prótesis dental sobre implantes. Madrid: Elsevier, 2005
- Loiacono, Pasquale. Photography in Dentistry : Theory and Techniques in Modern Documentation / Pasquale Loiacono, Luca Pascoletti . Barcelona : Quintessence Publishing, 2012
- Wolfgang Bengel . Mastering Digital Dental Photography Quintessence Pub 2006
- Pessina, Eduardo; Bosco, Mario; Vinci, Alessandro M.. Articulaciones y arcos faciales en prótesis odontológicas y gnatología. Ed. Masson, 1995
- Owall, Bengt. Odontologia Protesica: Principios Y Estrategias Terapeuticas Elsevier Espana, 1997