

29328 - Prosthesis II

Syllabus Information

Academic Year: 2019/20

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 learning process that has been design for this subject is based on:

Three tipes of activities:

Work with materials and process with a symbolic nature.

- Professor's presentation through magistral lectures.
- Workshops. The students and the proffesor 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 contextualised 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 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.

4.2.Learning tasks

- Magistral lectures.
- Clinical Cases Sessions.
- Complementary Workshps.
- Resolution of doubts in common.
- Activity participation of the students in teaching.

4.3.Syllabus

Program

The program offered to students for helping them to achieve the expected outcomes includes these activities...

Presentation

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

Immediate Prosthesis. Maintenance in removable prosthesis.

Issue 2: Dental prosthesis types.

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

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

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

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

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

Partial Removable Prosthesis

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

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

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

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

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

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

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

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

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

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

Issue 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.

Issue 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

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

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

4.4.Course planning and calendar

Presential sessions and work presentations schedule.

Subject important dates such as register or global exam date, as well as academic calendar and updated schedule are reflected in the faculty web page:

<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 :Elsevier 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 :Elsevier España, 2006
- Graber, George. Atlas de prótesis parcial. Ed Masson-Salvat, 1993

Complementary bibliography:

- Alonso, Anibal Alberto. Oclusión y diagnóstico en rehabilitación oral / Anibal 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. Odontología Protésica: Principios Y Estrategias Terapeuticas Elsevier Espana, 1997