

**Program of study** : Dentistry

**Course** : Prosthodontics 1

**Abbreviation** : ST1/ZAA61

**Schedule** : 30 hours of lecture  
53 hours of practical trainings

**Course Distribution** : 4th year, 7th semester

**Number of Credits** : 0

**Course Form** : Lectures, practical trainings

**Lectures:**

**Guarantor of teaching:** Doc. MUDr. Miloš Špidlen, Ph.D.

**Head of teaching:**

MDDr. Iva Voborná, Ph.D.

**Study:**

Continuous, Institute of Dentistry and Oral Sciences Palackého 12,  
seminar room 2 (UZQ101080) Monday 13:00 – 15:45, **ODD WEEKS**  
(lichý týden)

Date	Topic	Hours	Lecturer
12.9.2022	Patient examination before the prosthetic treatment. Treatment plan  Clinical case	4	Špidlen/KOVALSKÝ
26.9.2022	Postendodontic treatment possibilities, procedures Clinical procedures of FRC posts Materials used for plastic build up	4	Špidlen/JIRÁSEK
10.10.2022	Preparation and impressions technique for different dental reconstructions Impression materials, techniques	4	Špidlen/KOVALSKÝ
24.10.2022	Luting/fixation in dentistry	4	Špidlen/JIRÁSEK
7.11.2022	Missing teeth replacement, indications and treatment plan. Dental bridges, indications, biomechanics. Ante's rule.  Maxillo-mandibular relationship record possibilities	4	Špidlen/POLANSKÁ
21.11.2022	Full ceramic systems. Zircon. Metal-ceramic restorations (Porcelain fused to metal reconstructions). Indications, contraindications, surgery and laboratory procedures	4	Špidlen/ AL-AKKAD
5.12.2022	Digital stomatology	4	Špidlen/KUNKELA
19.12.2022	Clinical case	2	Špidlen/KOVALSKÝ

## Practical trainings:

<b>Guarantor of teaching:</b>	Doc, MUDr. Miloš Špidlen, Ph.D.
<b>Supervisor of teaching:</b>	MDDr. Iva Voborná, Ph.D.
<b>Study:</b>	Continuous, Prosthetic department – Institute of Dentistry and Oral Sciences – Palackého 12

**The student comes to the practical trainings in white clean clothes and shoes – he/she changes in the student's locker room.**

Dates	Topic	Hours.	Lecturer
<b>Odd weeks Between 12.9.2022 and 23.12.2022</b>	<p>The main objectives of the course are as follows:</p> <ul style="list-style-type: none"><li>• Basic clinical training in prosthetic treatment.</li><li>• Acquiring basic knowledge of prosthetic treatment based on the diagnosis.</li><li>• Basic knowledge of the diagnosis of temporomandibular joint disease.</li></ul> <p>Main attention will be paid to the acquisition of basic skills:</p> <ul style="list-style-type: none"><li>• In the diagnosis and setting of the treatment plan.</li><li>• In the treatment of patients with crowns and partial fixed bridges.</li><li>• In the treatment of patients with partial removable dentures.</li><li>• Treatment of patients with complete dentures.</li><li>• Treatment of patients with temporomandibular joint problems.</li></ul> <p>Continuous examination (examination) of the student's knowledge: student is obliged to orientate in the themes of preclinical dentistry, prosthetic technology and gnatology</p> <p>Students are required to appear in practical workouts in clean, white work clothes and shoe</p>	<b>8x6,5</b>	<b>Assistants from prosthodontic department</b>

### Completed by:

Credit

Part of the credit will be the testing of manual skills acquired in the practical teaching of the subject

### Requirements:

100 % attendance in obligatory courses

According to the Dean's Directive [LF-B-18/14](#) to the Study and Examination Regulations of the Faculty of Education in Olomouc, the student can substitute a maximum of one third of compulsory education in the semester, provided he / she is properly apologized for missed lessons.

1) The student is required to come at least 10 minutes before the beginning of the practical exercise in order to prepare for practical exercises.

2) The student is required to attend practical exercises in clean, white working clothes and shoes. If she/he does not do so, she/he will be excluded from practicing with the necessity of substitution.

- 3) The use of mobile phone and other similar devices is prohibited in practical exercises. If a student breaks the rule, she/he will be excluded from practicing with the necessity of substitution.
- 4) If a student violates educational or ethical rules, he/she will be excluded from the practical exercise with the necessity of substitutions.
- 5) The student can miss only 1/3 of the compulsory education - with the necessity of apology to the teacher and substitution of the missed practical/seminar.  
- 10 % of the allowed absence without apology and substitution applies only to subjects where the practical training contains 10 or more practical exercises / seminars. However, it is recommended to apologize to the teacher in person / by email.
- 6) If the student does not have sufficient knowledge in the practical exercise, it will be excluded from the practical exercise with the necessity of substitution

## **Literature:**

1. Nomenclature Committee of the Academy of Denture Prosthetics: Glossary of Prosthodontic Terms
2. Zarb, Hobkirk, Eckert, Jacob: Prosthodontic Treatment for Edentulous Patients, 2012, ISBN: 9780323078443
3. Rosenstiel S. F, Land M. F., Fujimoto J.: Contemporary Fixed Prosthodontics, 2015, ISBN: 9780323080118
4. Carr A. B., Brown D. T.: McCracken's Removable Partial Prosthodontics, 2016, ISBN: 9780323339902
5. Shillingburg, Herbert T., Jr.; Sather, David A.; Wilson, Edwin L., Jr.; Cain, Joseph R.; Mitchell, Donald L.; Blanco, Luis J.; and Kessler, James C.: Fundamentals of fixed prosthodontics 4th edition, 2012, ISBN: 978-0-86715-475-7
6. L. Mitchell, D. A. Mitchel: Oxford Handbook of Clinical Dentistry 6th edition, ISBN 13: 9780192629630
7. A. Zicha: Complete denture
8. MOODLE/upol