

Department of Prosthetic Dentistry

26 Krakowska St., 50-425 Wrocław

Head: Associate professor Dr Edward Kijak DMD, MSc, PhD

Schedule of PRACTICAL CLASSES for IV year students of Dentistry
English Division, 2025/2026, winter semester

Place of classes: Clinical room PR1, PR2 , Department of Prosthodontics, ul. Krakowska 26, first floor

Time of classes: Thursday, 8.00-11.00

		TOPICS	CONTENT AND PRACTICAL ASPECTS OF CLASSES' REALIZATION
1	02.10.	Introduction to clinical classes. Structure and function of the various elements of the stomatognathic system in prosthodontic view.	• Regulations and organization of the classes. • History taking and clinical examination of the patient. Structure and functionality of the stomatognathic system. Medical screening questionnaire. • Classification systems for partial edentulism and types of denture bearing area • Additional diagnostic tests used in modern prosthodontics. • History taking and clinical examination of the demonstrational patient. • Assisting and attendance in clinical procedures.
2	09.10.	Prosthetic treatment of partially or completely edentulous patients using removable dentures. Methods for establishing centric relation record for removable partial and complete dentures (horizontal and vertical jaw relation, determination of occlusal plane).	• Short test: Prosthetic treatment of partially or completely edentulous patients using removable dentures • Preparation for prosthodontic treatment of patients with edentulous or partially missing teeth. • Impressions making in prosthodontics (materials, techniques and procedures). • Demonstration of the accurate impression technique on dental study model. • Demonstration of the clinical stage of removable dentures performing according to the Wrocław method. • Making anatomical impressions on dental study models by students. • Establishing centric relation record on dental study models. • Causes of under- and over-compensated height of occlusion -diagnosis, treatment and prevention • Assisting and attendance in clinical procedures.
3	16.10.	Occlusion in partially and completely edentulous patients.	• Short test: Impressions making in prosthodontics (materials, techniques and procedures). Methods for establishing centric relation record for removable partial and complete dentures • Occlusion - norms of occlusion, etiology of occlusion disorders, methods of diagnosis • Establishing centric relation record on dental study models. • Assisting and attendance in clinical procedures.
4	23.10.	Try-in appointment.	• Short test: Occlusion in partially or completely edentulous patients. • Establishment of the posterior palatal seal and denture relief for complete prosthesis. • Principles of designing removable partial prosthesis's base. • Principles of clasps designing. • Biomechanics of removable partial dentures. • Assisting and attendance in clinical procedures.
5	30.10.	Differences between Classical and Wrocław Method in complete dentures performing.	• Short test: Try-in appointment. Establishment of the posterior palatal seal and denture relief for complete prosthesis. Principles of designing removable partial denture. • Clinical and laboratory stages of making dentures using the traditional method. • Clinical and laboratory stages of making dentures using the Wrocław method. • Assisting and attendance in clinical procedures.
6	06.11.	Adjustment and insertion of the new-performed partial and complete dentures. Instructions for patient concerning hygiene maintenance, adaptation and incorporation.	• Short test: Methodology of partial and completed dentures performing. • Treatment planning in partially edentulous arches including tooth-supported and tooth-tissue-supported partial dentures. Designing of the framework for partially edentulous arches on teeth charts by students. • Causes of damage to dentures - repair of removable prosthetic restorations. • Assisting and attendance in clinical procedures.

7	20.11.	Adaptation to dentures.	• Colloquium I: Prosthetic treatment of partially or completely edentulous patients using removable dentures. • Causes of a difficult adaptation at the patient's side and by the restoration - communication with the patient, proper information for the patient about the denture restoration • Discussion with the patient about the rules of use and hygiene of the denture. • Assisting and attendance in clinical procedures.
8	27.11.	Fixed dental prostheses:	• Colloquium II: Prefabricated posts and custom-made posts restorations. • Crown and bridges - Indications and contraindications, types, planning. • Principles of the teeth preparation. • Preparing 11 tooth for a metal-ceramic crown on dental study model. • Assisting and attendance in clinical procedures.
9	28.11.	Dental crown and bridges.	• Short test: Fixed dental prostheses: crowns. • Causes and methods of preventing complications during tooth preparation for permanent restorations • Materials and techniques of impressions making. • Ways of protecting teeth prepared for crowns and bridges. • Preparing 11 tooth for a metal-ceramic crown on dental study model. • Assisting and attendance in clinical procedures.
10	04.12.	Dental crown and bridges. Clinical and laboratory procedures.	• Short test: Fixed dental prostheses: bridges. Indications and contraindications, types, planning. Principles of the teeth preparation. • Materials used for fixed prosthetic restorations • Principles of use of fixed prosthetic restorations- hygienic procedures, prevention of prosthetic stomatopathies • Preparing 43 and 46 teeth for the metal-ceramic bridge on dental dental study model. • Assisting and attendance in clinical procedures.
11	11.12.	Dental crown and bridges. CAD/CAM technology.	• Colloquium III: Fixed dental prostheses: crown and bridges. • Preparing 43 and 46 teeth for the metal-ceramic bridge on dental study model. • Assisting and attendance in clinical procedures. • CAD/CAM technology and its demonstration. • Assisting and attendance in clinical procedures.
12	18.12. (8.00-8.45)	Credit of the subject	• Summarizing course topics, discussing clinical cases, making up assignments. • Assisting and attendance in clinical procedures. • Credit of the subject.

The conditions of getting the credits:

By decision of the Rector, obtaining the credit for a course may performed by distance education techniques.

1. The credit for passing the theoretical knowledge from classes, seminars and lectures with the leading assistant. Oral answer or written test.

2. Receiving a credit for practical skills from the teaching assistant according to the individually performed work on phantoms and clinical procedures.

3. Phantom works and clinical procedures necessary for obtaining 4th year credit (annual standard):

• Active assist in the performance of clinical procedures

- ability to perform the clinical steps necessary for the fabrication of crowns, inlays and bridges,
- grinding of the tooth for crowns and bridges, preparation of the tooth for an inlay
- taking precise impressions with one-step and two-step techniques,
- taking an anatomical impressions,
- taking functional impressions on trays,
- determining and registering the height of the occlusion in edentulous patients,

• phantom works required to complete the course

- Preparing a tooth for a metal-ceramic crown on the phantom,
- preparation of teeth for a metal-ceramic bridge
- establishing and recording short circuits on the phantoms,
- scanning the dental arches on the phantoms,
- designing simple restorations in CAD/CAM technique on the basis of the phantoms,

4. All manual works on phantoms and phantom models are made individually, one of each.

5. In clinical classes the work mentioned above is performed directly at the patient in teams of two, one as active assistants and other as preparator in turns.

Each student should acquire these skills as a preparator and as an active assistant.

Obligatory literature:

1. Shillenburg H.T.: Fundamentals of Fixed Prosthodontics. Quintessence Publ. Co Ltd 1997.
2. Craig R.G., Powers J.M.: Restorative Dental Materials. Mosby 2002.
3. Carr A.B., McGivney G.P., Brown D.T.: McCracken's Removable Partial Prosthodontics. Mosby 2005,

Additional literature:

1. Hayakawa I.: Principles and Practices of Complete Dentures, Quintessence Publishing Co Ltd 2001
2. Davis S.J., Gray R.J.M.: A Clinical guide to Occlusion. British Dental Journal Books 2006.



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Wrocław 11.09.2025

Department of Prosthetic Dentistry

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Head: Associate professor Dr Edward Kijak DMD, MSc, PhD

Schedule of LECTURES for IV year students of Dentistry English Division
2025/2026, winter semester

Time of lectures: **FRIDAY (ONLINE)**

No	Date	Hours	Subject	Teacher
1	03.10.2025	11.45-13.15	Diagnostic procedures: patient interview and examination (extra and intraoral).	Dr Natalia Grychowska DMD, MSc, PhD
2	10.10.2025	11.45-13.15	Functional impression of the mandible. Flasking of the upper denture, flasking of the lower denture. Adjustment of the new complete and partial dentures, adaptation, incorporation, and adaptation difficulties.	Dr Tomasz Dąbrowa DMD, MSc, PhD
3	17.10.2025	11.45-13.15	Restoration of the endodontically treated teeth with use: prefabricated & custom-made posts. Treatment planning, clinical procedures.	Dr Natalia Grychowska DMD, MSc, PhD
4	24.10.2025	11.45-13.15	Prosthetic treatment of patients after extensive intra-oral and facial surgery.	Associate professor Dr Zdzisław A. Bogucki DMD, MSc, PhD
5	31.10.2025	11.45-13.15	The use of soft materials for prosthetic liners.	Associate professor Dr Zdzisław A. Bogucki DMD, MSc, PhD
6	07.11.2025	11.45-13.15	Prosthetic treatment with hybrid resotations	Dr Piotr Napadłek DMD, MSc, PhD
7	14.11.2025	11.45-13.15	Principles of designing dentures and providing a prosthetic treatment.	Joanna Maczura-Sokalska DMD, MSc
8	21.11.2025	11.45-12.30	Advanced prosthetic systems and technologies	Dr Tomasz Dąbrowa DMD, MSc, PhD

Prepared

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Checked

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dr n. med. Agnieszka Nowakowska-Toporowska

Confirmed

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Lecznik

dr hab. n. med. Edward Kijak