



Prosthetic dentistry

1. IMPRINT

Academic Year	2026/27
Department	Faculty of Medicine and Dentistry
Field of study	English Dentistry Division
Main scientific discipline	Medical science
Study Profile	General academic
Level of studies	uniform MSc
Form of studies	Full-time program
Type of module / course	obligatory
Form of verification of learning outcomes	completion
Educational Unit / Educational Units	¹ Department of Prosthetic dentistry St. Binińskiego str. 6, 02-097 Warsaw Phone: 22 116 64 70 Mail: katedraprotetyki@wum.edu.pl ² Department of Dental Propaedeutic and Prophylaxis (ZPiPS) ul. Nowogrodzka 59 paw. XIX, tel. 22 6256602, e-mail: zpips@wum.edu.pl
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Course coordinator	Prof. Jolanta Kostrzewa-Janicka, DDS, PhD, St. Binińskiego str. 6, 02-097 Warsaw Phone: 22 116 64 70 Mail: katedraprotetyki@wum.edu.pl
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2. BASIC INFORMATION

Year and semester of studies	III year, V and VI semester	Number of ECTS credits	8.50
FORMS OF CLASSES		Number of hours	ECTS credits calculation
Contacting hours with academic teacher			
Lecture (L)		7 (7 e-learning)	0,4
Seminar (S)		23	0,9
Classes (C)		118	4,7
e-learning (e-L)			
Practical classes (PC)			
Work placement (WP)			
Unassisted student's work			
Preparation for classes and completions		65	2,4

3. COURSE OBJECTIVES

O1	Acquiring knowledge about the use of basic and auxiliary materials as well as procedures of technical and laboratory fabrication of prosthetic restorations. (ZPIPS)
O2	Acquiring the ability to choose materials used in dental prosthetics. (ZPIPS)
O3	Acquiring the ability to design prosthetic restorations and reproduce anatomical occlusal conditions. (ZPIPS)
O4	Acquiring the skill of designing prosthetic restorations and replicating anatomical occlusal conditions. (ZPIPS)
O5	Acquiring knowledge of the morphology and physiology of the stomatognathic system in terms of interdisciplinary rehabilitation, taking into account occlusal principles and conditions in individual prosthetic restorations depending on the stage of the patient's individual development. Acquiring the ability to design prosthetic restorations and reproduce anatomical occlusal conditions
O6	Acquiring knowledge about planning and preparation for prosthetic treatment, including proper keeping management of medical records
O7	Acquiring knowledge about the types of prosthetic restorations, indications and contraindications for their use as well as clinical and laboratory procedures in the implementation of these restorations.
O8	Acquisition of clinical management skills in the prosthetic rehabilitation of edentulous patients.

09	Encouraging students to practice in the field of prosthetic rehabilitation of edentulous patients, taking into account the dentist behavior pattern, the way of building trust and approach to the patient and other team members participating in the treatment process.
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4. STANDARDS OF LEARNING – DETAILED DESCRIPTION OF EFFECTS OF LEARNING

Code and number of the effect of learning in accordance with standards of learning	Effects in the field of:

Knowledge – Graduate* knows and understands:

C.W27.	principles of ergonomic work organisation in a dental office and conducting dental procedures;
C.W28.	principles of occupational health and safety in dentistry;
C.W29.	dental office and dental technology laboratory equipment and instrumentation used in dental procedures and laboratory production of restorations and orthodontic appliances;
C.W30.	biomechanics of the masticatory organ;
C.W33.	surface properties of hard dental tissues and dental biomaterials;
C.W34.	the phenomenon of adhesion and procedures for adhesive surface preparation of enamel, dentin, and dental biomaterials;
C.W37.	basic methods and technical and laboratory procedures to produce prosthetic restorations;
F.W14.	principles of planning implantoprosthodontic treatment;
F.W15.	indications and contraindications for conducting restorative dentistry procedures;
F.W16.	causes of complications of diseases of the stomatognathic system and principles of their elimination;
F.W21.	methods of rehabilitation of the masticatory organ;
F.W22.	principles of planning and clinical implementation of prosthetic treatment in simple and complicated cases, including the use of digital dentistry tools;

Skills– Graduate* is able to:

B.U1.	interpret physical phenomena occurring in the masticatory apparatus;
C.U14.	select restorative, prosthetic, and adhesive biomaterials based on material properties and clinical conditions;

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C.U15.	replicate anatomical occlusal relationships and perform occlusal analysis;
C.U16.	design prosthetic restorations;
F.U1.	take a medical and dental history with a patient or their family by following the principles of professional communication;
F.U2.	convey information to the patient, adapting its quantity and content to the patient's needs and abilities, supplement verbal information with models and written information, including diagrams and instructions, and use them appropriately;
F.U3.	make diagnostic and therapeutic decisions with the patient, including assessing the patient's level of involvement, needs and capabilities in this regard, encourage the patient to take an active part in the decision-making process, discuss the advantages and disadvantages, expected long-term outcomes and consequences of these decisions, and obtain informed consent from the patient;
F.U6.	perform a dental physical examination of the patient;
F.U10.	determine indications and contraindications for a specific dental procedure;
F.U21.	plan and carry out prosthetic treatment in simple cases;
F.U22.	provide assistance in the event of damage to a prosthetic restoration;

* In appendix to the Regulation of Minister of Science and Higher education from 26th of July 2019 „graduate”, not student is mentioned.

5. ADDITIONAL EFFECTS OF LEARNING (non-compulsory)	
Number of effect of learning	Effects in the fields of:
Knowledge – Graduate knows and understands:	
K1	
K2	
Skills– Graduate is able to:	
S1	
S2	
Social Competencies – Graduate is ready for:	
SC1	
SC2	

6. CLASSES

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Form of class	Class contents	Effects of Learning
S1 – Seminars 1–10	Topic: Fixed prosthodontics. Inlays and post-and-core restorations: indications, contraindications, preparation of the coronal and radicular parts of teeth, methods of pattern fabrication, and laboratory procedures. Prosthetic crowns: classification, indications and contraindications, tooth preparation techniques, impressions, and laboratory procedures depending on the type of crown. Dental bridges: classification, indications and contraindications, types of pontics and their relationship to the underlying tissues, principles of abutment tooth preparation, impressions, laboratory procedures, sectioned models, and modelling of crowns and pontics.	C.W37.
C1 – Practical classes 1–30	Topic: Complete dentures. Fabrication of occlusion rims, determination of the occlusal vertical dimension on a phantom model, mounting the models in an articulator, setting artificial teeth according to Gysi's method, and modelling denture bases.	C.U15., C.U16.
C2 – Practical class 31	Topic: Fixed prosthodontics. Completion of training exercises in fixed prosthodontics and tooth preparation for an all-ceramic crown using Simodont dental simulators.	C.U16.
C3 – Prącia classes 32–55	Topic: Fixed prosthodontics. Tooth preparation for an all-ceramic crown; preparation of an abutment tooth for a post-and-core restoration; fabrication of an acrylic resin pattern; laboratory fabrication of the post-and-core restoration; try-in, adjustment, and cementation; fabrication and cementation of a temporary crown; preparation of teeth 14–16 as abutments for a cast metal-ceramic bridge; taking two-layer impressions; fabrication of a sectioned model; and modelling of crowns. Practical classes conducted using phantom models.	C.U15., C.U16
Form of class	Class contents	Effects of Learning
Lectures W.1	Lectures are held once a week during Semester 6 in the form of e-learning classes. Topics and course content: Lecture No. 1 Planning prosthetic treatment using fixed dental prostheses: - medical and dental history taking, - patient examination, - types of additional diagnostic examinations, - photographic documentation, - development of a treatment plan. Preparation of the oral cavity for prosthetic treatment using fixed dental prostheses, illustrated with clinical cases from: - oral surgery, - restorative dentistry and endodontics, - periodontology, - orthodontics. Classification of partial tooth loss according to Galasińska, including the possible use of selected types of fixed dental prostheses and the materials and technologies used for their fabrication: - selected clinical cases illustrating different types of dental prostheses, as well as the technologies and materials used for their fabrication.	C.W33. C.W34. F.W21. F.W22.
W.2	Lecture No. 2 Classification of inlays, posts, and post-and-core restorations	C.W29. C.W33. C.W34. F.W21, F.W22.

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	Post-and-core restorations: - indications and contraindications, - requirements for their use, - dental materials, - clinical procedures depending on the type of post-and-core restoration. Root posts: - indications and contraindications, - dental materials, - clinical procedures. Inlays: - classification, - indications and contraindications, - dental materials, - clinical procedures.	
W.3	Lecture No. 3 Classification of prosthetic crowns: - discussion of crown classification, - indications and contraindications for the use of crowns, - types of crowns: temporary, definitive full-coverage, and telescopic crowns. Preparation of an abutment tooth for a crown: - principles of tooth preparation, - types of finish lines, - marginal gingival retraction. Impressions for crown fabrication: - impression materials, - types of impression trays, - impression techniques. Shade analysis: - principles of shade selection, - types of shade guides, - factors affecting the shade of a prosthetic restoration. Crown fabrication technologies: - discussion of fabrication technologies, - metallurgical materials science. Types of veneered crowns: - acrylic-veneered crowns, - composite-veneered crowns, - porcelain-veneered crowns. Electroforming: - discussion of the technology, - possible applications, - advantages and disadvantages of the technology.	C.W33. C.W34. F.W14. F.W21. F.W22.
W.4	History of the use of ceramic materials Characteristics of ceramic materials: - mechanical properties of ceramics, - structure of ceramic materials, - classification of ceramic materials. Classification of ceramic systems Indications and contraindications for ceramic restorations Types of ceramic restorations Ceramic restoration fabrication technologies: - conventional ceramics, - castable ceramics,	C.W33. C.W34. F.W14. F.W15. F.W21.

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	- pressed ceramics, - infiltrated ceramics, - ceramics fabricated using CAD/CAM systems.	
W.5	CAD/CAM systems: - clinical and laboratory workflows, - scanning, - milling, - discussion of selected CAD/CAM systems. Ceramic veneers: - indications and contraindications, - clinical procedures, - techniques and materials used for veneer fabrication, - selected clinical cases. Ceramic inlays: - indications and contraindications, - clinical procedures, - techniques and materials used for inlay fabrication. Ceramic crowns: - indications and contraindications, - clinical procedures, - techniques and materials used for crown fabrication. Ceramic bridges: - indications and contraindications, - clinical procedures, - techniques and materials used for bridge fabrication. Types and characteristics of dental cements Adhesive cementation: - types of adhesive resin cements, - preparation of ceramic surfaces for adhesive cementation, - preparation of tooth surfaces for adhesive cementation, - silanisation, - selected cementation protocols for different types of ceramics, - advantages and disadvantages of adhesive cementation.	C.W33. C.W34 F.W14. F.W15. F.W21. F.W22.
W.6	Definition of dental bridges Classification of dental bridges: - according to location, - according to the method of retention, - according to the fabrication technology, - according to the type of material. Indications for dental bridges Contraindications for dental bridges Fundamentals of dental bridge design Clinical procedures involved in the fabrication of dental bridges: - impressions, - shade selection, - occlusal registration, - cementation of dental bridges. Special types of dental bridges Methods of ceramic bridge fabrication	C.W33. C.W34 F.W14. F.W15.
W.7	The concept of osseointegration Types of implant loading Structure of dental implants Indications and contraindications for dental implants Surgical implant placement procedures: - conventional implant placement,	C.W33. C.W34. F.W14. F.W15.

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	- immediate implant placement. Implant uncovering Stages of prosthetic treatment: - types of impression copings, - types of impressions and impression trays, - implant analogues, - types of abutments, - types of implant-supported prosthetic restorations. Types of implant-supported fixed dental prostheses Clinical cases involving implant-supported fixed dental prostheses	
	Seminars are held once a week during Semester 5 over a period of nine weeks. The seminars focus on the prosthetic rehabilitation of edentulous patients using complete dentures.	
S.1	Aims and objectives of prosthodontics. Treatment methods for complete edentulism. Alternative treatment methods for edentulous patients. Clinical and laboratory stages in the fabrication of complete dentures. Medical history and physical examination of the patient – analysis of the denture-bearing tissues.	C.W27. C.W28. C.W37. F.U1. F.U2. F.U3. F.U6.
S.2	Factors affecting the retention of complete dentures. Materials and equipment used in the treatment of edentulous patients. Preliminary impressions and preliminary casts – clinical and laboratory procedures. Custom trays – laboratory procedures.	F.U1. F.U2. F.W21. F.U10.
S.3	Adjustment of custom trays – Herbst tests. Functional impressions – clinical procedures.	B.U1. F.W21. C.W30. C.U15.
S.4	Preparation of master casts. Record bases and occlusion rims – laboratory procedures.	C.W29. C.W37. C.U16.
S.5	Mandibular articulation positions. The concept of centric occlusion. Articulators – design and applications.	F.W16. C.W30. C.U15.
S.6	Methods and techniques for recording centric relation – clinical procedures.	F.W16. F.U10. F.U21. C.U15.
S.7	Occlusal schemes in the treatment of edentulous patients.	C.U15. F.W16.F.W21.
S.8	Principles of artificial tooth selection. Mounting casts in an articulator. Types of artificial teeth. Methods and principles of setting artificial teeth – laboratory procedures.	F.W15. C.U16.
S.9	Evaluation of trial dentures. Relief and border sealing.	C.U16.
S.10	Flasking, replacement of wax with acrylic resin, processing, finishing, and polishing of completed dentures – laboratory procedures. Delivery of completed dentures – clinical procedures.	C.U14. C.U16. C.W29. F.U10. F.W22.
S.11	Patient adaptation to dentures. Denture adjustments. Repairs and relining. Alternative treatment methods for edentulous patients.	F.W15. F.U21.
S.12	Denture-related stomatitis.	B.U1. F.U6.
S.13	Alternative treatment methods for edentulous patients.	B.U1. F.W16. F.W21.
	Practical classes in Semester 5 are held five times a week in two-week practical blocks. The practical classes in Semester 5 cover the fundamentals of	

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	prosthodontics and prosthetic treatment planning based on the medical history, clinical examination, additional diagnostic tests, and analysis of diagnostic casts. Course content:	
C.1	The stomatognathic system: 1. The stomatognathic system: - definition, - components, - temporomandibular joint. 2. Changes occurring in the stomatognathic system following tooth loss. 3. Classification of partial tooth loss according to Galasińska, with discussion of clinical cases: - Class I, - Class II, - Class III, - Class IV, - Class V. 4. Prosthetic treatment planning: - medical and dental history, - clinical examination, - additional diagnostic tests, - diagnostic casts, - photographic documentation. 5. Preparation for prosthetic treatment.	F.U1. F.U2. F.U3. F.U6. F.W15. F.W16. F.W22.
C.2	The role of prosthodontics: 1. Consequences of tooth loss. 2. Objectives of prosthodontics. 3. Functions of prosthodontics: - therapeutic and rehabilitative, - preventive, - aesthetic. 4. Treatment of patients during growth and development. 5. Treatment of patients following surgical procedures. 6. Principles of work in a prosthodontic office. 7. Principles of cooperation with a dental technician.	C.U16. F.U1. F.U2. F.U3. F.U6. F.W15. F.W16. F.W22.
C.3	Fixed dental prostheses: Definition of fixed dental prostheses. Indications and contraindications for fixed dental prostheses. Classification of fixed dental prostheses: a) single-unit and multi-unit, b) temporary and long-term, c) monolithic and veneered. Types of abutments for fixed dental prostheses. Materials used for fixed dental prostheses. General principles of fixed dental prosthesis fabrication. Methods and materials used for impressions for fixed dental prostheses. Recording centric relation during the fabrication of fixed dental prostheses.	C.U16. F.U1. F.U2. F.U3. F.U6. F.U10. F.W15. F.W16. F.W22. C.U16
C.4	Facebows, articulators, and intraoral scanners: 1. Arbitrary and kinematic facebows. 2. Reference planes – course and determination.	F.U1. F.U2. F.U3. F.U6. F.W15. F.W16. F.W22.

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	3. Principles of transferring data to the articulator and mounting casts. 4. Types of articulators and their mechanics.	
C.5	Clinical use of facebows. Principles of facebow use. Transfer of recorded values to the articulator.	F.W22. C.U15. C.U16.
C.6	Removable dentures: 1. Removable dentures – definition. 2. Classification of removable dentures according to the method of transferring masticatory forces: - complete dentures, - partial dentures. 3. Classification of partial dentures. 4. Indications for partial dentures. 5. Removable partial dentures with a metal framework: - indications, - design and components, - clinical cases. 6. Tissue-supported removable partial dentures: - indications, - clinical cases. 7. Complete dentures. 8. Tooth-supported overdentures. 9. Preventive care during the use of removable dentures.	F.U1. F.U2. F.U3. F.U6. F.U10. F.W15. F.W21. F.W22.
C.7	Prosthetic treatment planning: Discussion of the prosthetic treatment planning process, including: - medical history and physical examination, - radiographic examinations, - mycological and bacteriological examinations, - analysis of diagnostic casts, - consultations with dental and medical specialists, - the patient's expectations and financial circumstances. Components of a prosthetic treatment plan: - preliminary treatment plan, - pre-prosthetic preparation, - selection of the prosthetic design, - treatment schedule, - cost estimate. Galasińska-Landsberger classification. Examples of prosthetic designs illustrated with clinical cases: Class I: - direct restorations, - prosthetic restorations (veneers, crowns, inlays, and post-and-core restorations). Class II: - bridges, - implant-supported restorations, - removable dentures. Class III: - removable dentures, - implant-supported restorations. Class IV: - removable dentures, - combined fixed and removable restorations, - implant-supported restorations. Class V:	F.U1. F.U2. F.U3. F.U6. F.W15. F.W16. F.W21. F.W22.

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	- complete dentures, - implant-supported overdentures, - implant-supported fixed dental prostheses.	
C.8	Preparation for prosthetic treatment Discussion of procedures from different dental specialties used in preparation for prosthetic treatment, illustrated with clinical cases. Restorative dentistry and endodontics: - treatment of dental caries, - treatment of non-carious lesions, - treatment of diseases of the dental pulp and periapical tissues, - endodontic treatment for prosthetic indications, - replacement of restorations, - restoration of occlusal surfaces, - direct restoration using parapulpal pins. Oral surgery: - extractions, - apicoectomies, - hemisections, - removal of impacted teeth, - removal of sharp bone edges, - bone augmentation, - implant procedures, - deepening of the oral vestibule, - removal of fibrous folds, - frenuloplasty. Periodontology: - removal of calculus and dental deposits, - open curettage, - gingivectomy, - gingival recession coverage, - guided bone regeneration, - treatment of oral mucosal diseases, - treatment of bacterial and fungal infections. Orthodontics: - treatment of malocclusions, - alignment of impacted teeth into the dental arch, - tooth movement and correction of tooth angulation. Preliminary prosthetic preparation: - levelling the occlusal plane, - selective grinding, - therapy using temporary overlay dentures and relaxation splints, - tooth preparation to create rest seats for removable partial dentures with a metal framework, - removal of damaged and improperly fabricated prosthetic restorations.	F.U1. F.U2. F.U3. F.U6. F.U10. F.U21. F.W15. F.W16. F.W21. F.W22.
C.9	Photography and CAD/CAM technologies in prosthodontics: 1. Purpose of photographic documentation in prosthodontics. 2. Dental photography equipment. 3. Classification of photographs used to document the course of treatment. 4. Principles of extraoral photography. 5. Principles of intraoral photography. 6. Photographs of diagnostic casts. 7. CAD/CAM technologies in prosthodontics.	F.U1. F.U2. F.U3. F.U6. F.U10. F.U21. F.W15. F.W16. F.W21. F.W22.

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C.10	Use of photographic equipment in clinical practice: - extraoral photographs, - intraoral photographs, - photographs of diagnostic casts, - laboratory scanning.	C.W29. F.U1. F.U2. F.U3. F.U6. F.U10. F.U21. F.W15. F.W16. F.W21. F.W22.
	Practical classes in Semester 6 are held once a week for 11 weeks. The practical classes in Semester 6 focus on the prosthetic rehabilitation of edentulous patients:	
C.1	Entry test. Treatment methods for complete edentulism. Clinical and laboratory stages in the fabrication of complete dentures.	C.W28. C.W29. F.U1. F.U2. F.U10. F.U21 F.W15.
C.2	Medical history and physical examination – analysis of the denture-bearing tissues. Patient examination: medical history and physical examination. Edentulous patient: features and general characteristics. Denture-bearing tissues – definition. Analysis of the denture-bearing tissues. Muscular system of the stomatognathic system. Supple's classification of denture-bearing tissues. The concept of the neutral zone. Factors affecting the retention and function of complete dentures. Denture stability. Denture retention.	C.W27. C. W30. F.U1. F.U2. F.U3. F.U6. F.U10. F.U21. F.W15. F.W16. F.W21. F.W22.
C.3	Stock impression trays. Preliminary impressions and anatomical casts – clinical and laboratory procedures.	C.U14. C.W37. F.W15. F.U21.
C.4	Custom trays and their adjustment – Herbst tests. Selection of impression material. Functional impressions – clinical procedures.	F.W15. F.W21. F.U21.
C.5	Master casts, record bases and occlusion rims, and methods of recording centric relation. Determination of the occlusal vertical dimension. Principles of artificial tooth selection.	C.U14. F.U21.
C.6	Facebow and articulator.	F.W14. C.U15. C.U16. F.U22.
C.7	Principles of setting artificial teeth.	C.U15. C.W29. C.W30. C.W37. F.W15. F.U21.
C.8	Evaluation of trial dentures, border sealing, and relief. Management of an excessive or insufficient occlusal vertical dimension.	C.U15. C.W29. C.W30. C.W37. F.W15. F.U21.
C.9	Delivery of completed dentures and patient instructions.	C.U15. C.W29. C.W30. C.W37. F.W15. F.U21.
C.10	Follow-up visits and continuing care.	C.U15. C.W29. C.W30. C.W37. F.W15. F.U21.
C.11	Denture-related stomatitis – diagnosis and treatment.	C.U12, C.W27
C..12	Denture repairs. Implant-prosthetic treatment.	C.U15. C.W29. C.W30. C.W37. F.W14. F.W15. F.U21.
C.13	Completion of practical classes.	C.W27. C.W28. C.W29. C.W30. C.W33. C.W34. C.W37. F.W14. F.W15. F.W16. F.W21. F.W22. B.U1. C.U15. C.U14. C.U16. F.U1. F.U2. F.U3. F.U6. F. U10. F.U21. F.U22.

7. LITERATURE	
Obligatory	
1. Mierzwińska-Nastalska E., Kochanek Leśniewska A.: Fundamentals of prosthodontics. 2.I. Hayakawa: Principles and Practices of Complete Dentures. Quintessence Publ. Co Ltd 2001. 3. H.T. Shillingburg: Fundamentals of Fixed Prosthodontics. Quintessence Publ. Co Ltd 1997. 4. A.B. Carr, G.P Mc Ginvey, D.T. Brown: McCracken's Removable Partial Prosthodontics. St. Louis: Mosby 2004. 5. R.G. Craig, J. M Powers: Restorative Dental Materials. Mosby 2002	
Supplementary	
1. R.M. Basker, J.C. Davenport: Prosthetic Treatment of the Edentulous Patient. Blackwell Munksgaard 2002. 2. J.A. Hobkirk, R.M. Watson, L. Searson: Introducing Dental Implants. Churvhill Livingstone 2003.	

8. VERIFYING THE EFFECT OF LEARNING		
Code of the course effect of learning	Ways of verifying the effect of learning	Completion criterion
	Department of Dental Propaedeutics and Prophylaxis	
C.W37.	Written test (5 open-ended questions)	Each question is graded from 1 to 3 points. A minimum of 9 points is required to pass.
C.U15. C.U16.	Observation and assessment of practical skills	Completion of every assigned task
	Department of Prosthetic dentistry	
C.W27. C.W28. C.W29. C.W30. C.W33. C.W34. C.W37. ..F.W15. F.W16. F.W21. B.U1. C.U14. C.U15. C.U16. F.U1. F.U2. F.U3. F.U6. F.U10. F.U21. F.U22.	Seminars are completed on the basis of active participation and the teacher's assessment. The assessment includes verification of theoretical knowledge. Attendance at all seminars is compulsory. In the event of an excused absence, the student is required to prepare a written assignment on the topic of the relevant seminar.	Achievement of at least 60% of the expected learning outcomes
C.W29. C.W30. C.W37. C.W28. F.W14. F.W15. F.W16. F.W21. F.W22. C.U14. C.U15. C.U16. F.U1. F.U2. F.U3. F.U6. F.U10. F.U21. F.U22.	Completion of practical classes in Semester 5 is based on active participation and assessment of knowledge in a test. Passing the entry test covering the clinical and laboratory fabrication of complete dentures is a prerequisite for beginning practical classes in Semester 6. Semester 6 classes are completed on the basis of a final test. The test covers the content of seminars, lectures, and practical classes, and determines the final grade. Attendance at all practical classes is compulsory.	Achievement of at least 60% of the expected learning outcomes
	Assessment criteria	

2.0 (fail)	Insufficient achievement of the learning outcomes ($\leq 60\%$)	
3.0 (satisfactory)	Satisfactory fulfilment of all passing criteria (see grade 5.0) (61–68%)	
3.5 (rather good)	More than satisfactory fulfilment of all passing criteria (69–75%)	
4.0 (good)	Good fulfilment of all passing criteria (76–82%)	
4.5 (more than good)	Above-good fulfilment of all passing criteria (83–90%)	
5.0 (excellent)	Very good fulfilment of all passing criteria. Above 90%. The student demonstrates an interest in the subject, has mastered the theoretical foundations to a very good level, possesses strong manual skills, behaves professionally, and demonstrates an appropriate approach to the patient, dental technician, and dental assistant. The student applies the acquired knowledge in practice, makes correct diagnoses, and formulates logical conclusions regarding treatment planning and its course.	

9. ADDITIONAL INFORMATION

Department of Dental Propaedeutics and Prophylaxis

Person responsible for teaching: Krzysztof Wilk, MD, PhD, kwilk@wum.edu.pl.

Course assessment: graded course completion.

Participation in all seminars and practical classes is required to complete the course. One absence from a seminar and one absence from a practical class are permitted. To excuse an absence from classes, the student must notify the course coordinator or another person designated by the head of the unit by e-mail or in writing no later than three working days after the day on which the class or assessment took place. Later submission of supporting documentation is permitted if the student was unable to provide it earlier for justified reasons; in such a case, the document must be submitted as soon as the reason preventing its submission has ceased.

A student who receives a failing grade in a partial assessment is entitled to two resit attempts.

In the event of an absence, the student must complete the scheduled tasks during the following week or make up the class with another group. The student may also report to the academic teacher during office hours.

In justified circumstances, a student may arrive up to 15 minutes late for class.

Mobile phones and other electronic devices may not be used during classes. Students may bring into the practical classroom only items permitted by the teacher. In the practical classroom, students must wear a laboratory coat, disposable gloves, a surgical mask, tied-back hair or a cap, and appropriate change of footwear.

Student Scientific Society at the Department of Dental Propaedeutics and Prophylaxis; supervisor: Łukasz Zadrozny, MD, PhD; e-mail: lukasz.zadrozny@wum.edu.pl

Department website: <https://propedeutyka-stomatologiczna.wum.edu.pl>

Department of Prosthetic dentistry

Lectures are held once a week during Semester 6 in the form of e-learning classes. Lectures delivered through the e-learning platform are available for one week from the lecture date announced by the Dean's Office.

Particular attention is drawn to the obligation to participate in e-learning lectures, as they present the latest knowledge concerning fixed dental prostheses required in subsequent years of study.

Seminars are held once a week during Semester 5 over a period of nine weeks. They focus on the prosthetic rehabilitation of edentulous patients using complete dentures.

The seminars cover the clinical and laboratory fabrication of the above prosthetic restorations.

Practical classes in Semester 5 are held five times a week in two-week practical blocks.

The practical classes in Semester 5 cover the fundamentals of prosthodontics and prosthetic treatment planning based on the medical history, clinical examination, additional diagnostic tests, and analysis of diagnostic casts.

Practical classes in Semester 6 are held once a week for 11 weeks.

The practical classes in Semester 6 focus on the prosthetic rehabilitation of edentulous patients.

An entry test is held during the first class and must be passed before the student may proceed to further clinical work.

Passing the entry test covering the clinical and laboratory fabrication of complete dentures is a prerequisite for beginning practical classes in Semester 6. Students are entitled to two attempts at the entry test; if both are unsuccessful, one examination before a committee is conducted.

Mobile phones may not be used during classes or in clinical rooms.

Attendance at seminars and practical classes is compulsory.

In the event of an excused absence, the student must prepare a written assignment on the topic of the relevant seminar. To excuse an absence from classes or assessments, the student must notify the course coordinator or another person designated by the head of the unit by e-mail or in writing no later than three working days after the day on which the class or assessment took place. Later submission of supporting documentation is permitted if the student was unable to provide it earlier for justified reasons; in such a case, the document must be submitted as soon as the reason preventing its submission has ceased.

Course completion

In the event of an excused absence from an assessment, the student is entitled to take the assessment on the next date scheduled by the unit.

An unexcused absence constitutes grounds for recording a failure for the course on the relevant date. If the student does not pass the course by the final date scheduled by the unit in the relevant academic year, the student does not obtain credit for the course.

If a student receives a failing grade in a course ending with a graded course completion, the student is entitled to two resit attempts and one examination before a committee.

Student Scientific Society – supervisors: Kamila Wróbel-Bednarz, MD, PhD, kwrobel@wum.edu.pl; Marcin Szerszeń, DDS, mszerszen@wum.edu.pl

Year tutor: Krzysztof Majchrzak, MD, PhD

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ATTENTION

The final 10 minutes of the last class of the block/semester/year should be allotted for students to fill out the Survey of Evaluation of Classes and Academic Teachers