MEDICAL UNIVERSITY
"PROF. DR. PARASKEV STOYANOV" VARNA
FACULTY OF DENTAL MEDICINE

Approved at a Faculty council meeting № 34 /30.05.24

Approved:
DEAN
/Prof. Dr. Stefan Peev, DMD, PhD, DSc/

CURRICULUM

of

"Propaedeutics of Prosthetic Dental Medicine"
Department: "Dental materials science and prosthetic dental medicine"

Specialty: "DENTAL MEDICINE"
Educational-Qualification Degree: "MASTER"
Professional qualification: "PHYSICIAN IN DENTAL MEDICINE"

Type classes	Semester	Workload-hours per week LAB TECH	Workload-hours per week SIMULATION CENTER	Workload-total hours
Lectures	Third	2 h/w		30 h
	Fourth	2 h/w		30 h
	Fifth	2 h/ per 2 weeks		15 h
Practical exercises	Third	4 h/w	2 h/w	90 h
	Fourth	2 h/w	2 h/w	60 h
	Fifth	2 h/ per 2 weeks	2 h/ per 2 weeks CAD-CAM	30 h
Total hours				255 h
Types of control	Current control		EXAM - Practical exam on teeth preparation Fifth semester after the seventh exercise	EXAM – After Fifth semester Practical exam removable and fixed dentures; Theoretical exam
ECTS			10+4+3	17
Extracurricular hours				255

Varna, 2024

Academic Staff of the Department:

1. Assoc. prof. Dr. Stoyan Georgiev Katsarov, DMD, PhD
2. Prof. Dr. Metodi Zahariev Abadzhiev, DMD, PhD, DSc
3. Assoc. prof. Dr. Desislava Atanasova Konstantinova, DMD, PhD
4. Assoc. prof. Dr. Iveta Plamenova Katreva, DMD, PhD
5. Assoc. prof. Dr. Dzhendo Atanasov Dzhendov, DMD, PhD
6. Chief-assist. prof. Dr. Kalina Stoyanova Georgieva-Bozhkova, DMD, PhD
7. Chief-assist. prof. Dr. Kiril Georgiev Gogushev, DMD, PhD
8. Chief-assist. prof. Dr. Ivan Mihaylov Denkov, DMD, PhD
9. Chief-assist. prof. Dr. Preslav Plamenov Penchev, DMD, PhD
10. Chief-assist. prof. Dr. Liudmil Hristov Matev, DMD, PhD
11. Chief-assist. prof. Dr. Delyan Krasimirov Georgiev, DMD, PhD
12. Chief-assist. prof. Dr. Yavor Vasilev Gagov, DMD, PhD
13. Chief-assist. prof. Dr. Tsvetelina Nikolova Kanlieva, DMD, PhD
14. Assist. prof. Dr. Simeon Georgiev Simeonov, DMD
15. Assist. prof. Dr. Magdalena Norman Gugleva, DMD, PhD
16. Assist. prof. Dr. Dimo Krasimirov Nedelchev, DMD, PhD
17. Assist. prof. Dr. Gabriela Rosenova Kirova, DMD
18. Assist. prof. Dr. Miroslav Stoykov Stoykov, DMD, PhD
19. Assist. prof. Dr. Yordanka Donkova Shekerova, DMD
20. Assist. prof. Dr. Gergana Angelova Georgieva, DMD
21. Assist. prof. Dr. Elina Vladimirova Todorova, DMD
22. Assist. prof. Dr. Mariyana Georgieva Dimitrova, DMD
23. Assist. prof. Dr. Iva Yordanova Yordanova, DMD
24. Assist. prof. Dr. Mihail Radoslavov Bachvarov, DMD

ANNOTATION:

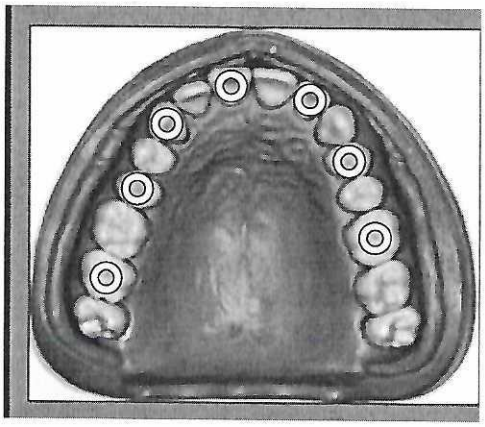
DURATION OF EDUCATION – 3 semesters

AIM OF EDUCATION – to prepare students for the upcoming clinical course of their education in Prosthetic Dental Medicine – Learn the main principles for tooth preparation and restoring, in Prosthetics and to get acquainted with the most contemporary technologies, to learn and to be able to produce some of the basic and simple denture restorations.

Third semester

The education is separated into two disciplines:

Propedeutics of Prosthetic Dental Medicine in simulation center **(SC)** and Laboratory Technologies in Prosthetic Dental Medicine **(LT).**



(SC) – During one semester the following teeth are prepared on the upper jaw on

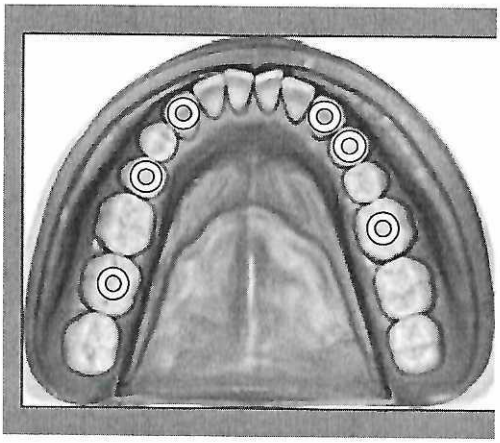
(LT) – A set of two partial removable dentures are planned and finished from acrylic with retainers - wrought wire dental clasps.

For the upper denture, the frontal teeth and some of the lateral teeth are missing.

For the lower denture, unilateral defect and the front is been preserved.

Fourth semester

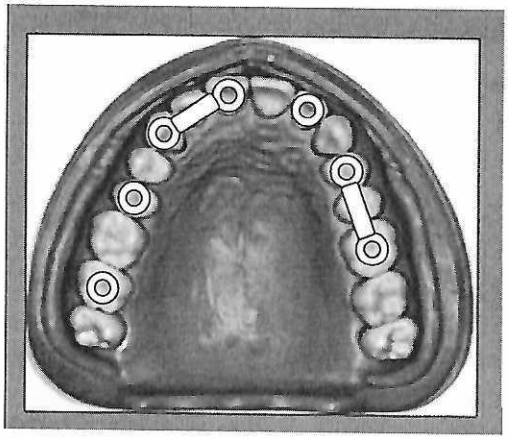
(SC) - An impression is taken from the prepared upper teeth and the lower intact teeth for further processing in the courses of **(LT)**



And within this semester the following lower teeth are prepared

(LT) Pouring models from the already taken impressions from the upper and lower jaws. Defects are created by removing teeth 12 and 25 from the plaster, because these defects will be restored with fixed partial dentures. Teeth 17 and 15 are waxed up in

full contour. On tooth 22 a single crown from acrylic is made and in the area 11-13 and 22 is fabricated a FPD and a crown from acrylic. On teeth 24-26 a hybrid FPD with labial veneer is waxed up and invested and cast from metal alloy.



Fifth semester

(LT) – Within the first half of the semester education is based on basic principles if teeth set up and full denture fabrication, after two types of setting up teeth, the dentures are flasked and finished with acrylic.

(CAD-CAM) – During the second half of the semester students fabricate digitally the following constructions:

Three single crowns in full crown contour on teeth 22, 14 and 17.

Fixed prosthesis in full contour of the teeth, the area of teeth 11, 13, with abutments being 11 and 13, and pontic – 12.

Fixed prosthesis in reduced contour in the area of teeth 24, 26, with abutments 24 and 26 and pontic 25.

For this purpose, the models for the conventional production of the above-mentioned constructions are used.

At the end of the semester **a practical exam** is done on fabrication of one FPD and a set of two complete dentures, at the stage of teeth set up.

After successful passing the practical exam the students go to theoretical exam on the given material.

Students will acquire the following:

Knowledge: About modern and classic laboratory technologies for making prosthetic structures.

Skills: To prepare teeth for fixed prosthetic structures, to make models from own preparations and to make on these models some of the basic types of removable and fixed prosthetic structures.

Competencies: To be able to plan different treatment constructs depending on the type of dentition defect.

EXERCISES II YEAR (III SEMESTER)

SIMULATION CENTER

№	Subject	Number of hours
1	Orientation course for work in the simulation center. Mounting and dismounting models. Instructions for work with the simulation units.	2
2	Instructions for proper working position of the posture on the working stations. Instruments. Different types of instruments and their application. Main tasks and purposes of preparation of teeth. Main techniques for preparation.	2
3	Preparation of frontal teeth. Preparation of upper **central** right **incisor.**	2
4	Preparation of frontal teeth. Preparation of upper **lateral** left **incisor.**	2
5	Preparation of frontal teeth. Preparation of **upper** right **canine.**	2
6	**Admission and attestation** of the preparations of upper **central** right **incisor**, upper **lateral** left **incisor** and **upper** right **canine**.	2
7	Preparation of premolar teeth. Preparation of **upper left** first **premolar.**	2
8	Preparation of premolar teeth. Preparation of **upper right** second **premolar.**	2
9	**Admission and attestation** of the preparations of **upper left** first **premolar** and **upper right** second **premolar.**	2
10	**COLLOQUIUM**	2
11	Preparation of molar teeth. Preparation of upper left **first molar**.	2
12	Preparation of molar teeth. Preparation of upper left **first molar**.	2
13	Preparation of molar teeth. Preparation of upper right **second molar**.	2
14	Preparation of molar teeth. Preparation of upper right **second molar.**	2
15	**Admission and attestation** of the preparations of upper left **first molar** and upper right **second molar**.	2
	End of Third semester	**30 h**

EXERCISES II YEAR (III SEMESTER)

LABORATORY TECHNOLOGIES

№	Subject	Number of hours
1	Pouring study models with no defects. Orientation and mounting the models in centric occlusion in articulator.	4
2	Creation of partial defects of the dental arches according to a specified pattern.	4
3	Blocking out the models and fabrication of a custom tray on the upper jaw from thermoplastic shellac base plate.	4
4	Blocking out the model and fabrication of a custom tray on the upper jaw from light cured plate. (demonstration one tray for each group).	4
5	Components of removable partial denture. Retainers and clasps for partial dentures. Types of wrought wire bended clasps. Planning and bending of: single-arm, double-arm and Jackson's clasp.	4
6	Planning of connectors, for the lower partial denture. (demonstration)	4
7	Technology of the partial denture. Manufacturing of occlusal base palates with wax rims.	4
8	Technology of the partial denture. Types of artificial teeth. Setting of the upper and lower teeth. Final wax up of the dentures.	4
9	Planning of the metal framework for metal cast denture. Combined prosthetic treatment by fixed prosthetic construction and removable partial denture. Seminar. Demonstration – scaning and 3D printing of metal cast denture.	4
10	**COLLOQUIUM.**	4
11	Preparation of the models for flasking.	4
12	Removal of the wax from the flask and replacement with hot cured acrylic.	4
13	Cleaning, finishing with burs and grinding stones and polishing of the cured denture.	4
14	Creation of simple fracture defect on a partial denture. Repair of the defect with cold cure acrylic.	4
15	Admission of the work and Attestation	4
	End of Third semester	**60 h**

LECTURES II YEAR (III SEMESTER)

№	Subject	Number of hours
1	Main tasks and purposes of preparation of teeth. Classification of different tools and burs. Main techniques for preparation.	2
2	General classification of dental prostheses by various principles. Artificial crowns- use and requirements. Finishing lines – general classification. Principles of tooth preparations. Biologic width. Taper, path of insertion, marginal integrity and finish line configurations. Immergence angle and immergence profile.	2
3	Removable partial dentures-basic components. Classification of Kennedy. Retainers and clasps. Planning and laboratory protocol of wrought wire bended clasps.	2
4	Surveyor. Principles of surveying. Purposes of surveying.	2
5	Principles of the design of the direct retainers by system.	2
6	Stabilization principles in removable partial denture design. Indirect retainers. Principles of stabilization of removable partial dentures in various Kennedy classes.	2
7	Cast partial removable denture-lab protocol	2
8	Acrylic removable partial denture-lab protocol	2
9	Removable dentures, minor repairs tooth adding, clasp exchange and relining procedures. Lab protocol. Immediate partial denture. Principles and lab protocol.	2
10	Precision attachments-principles. Milling technique. Conical crowns. Channel shoulder attachments, Swing-lock attachments. One piece cast.	2
11	Stock precision attachments. Principles of retention, classification, advantages and disadvantages. Technical requirements for application of intracoronal attachments. Lab protocol. Extracoronal precision attachments. Principles of retention, classification, advantages and disadvantages. Technical requirements for application of extracoronal attachments. Lab protocol.	2
12	Semi-precision stock attachments. Principles of retention, classification, advantages and disadvantages. Technical requirements for application of semi-precision attachments. Lab protocol.	2
13	Bar attachments. Stud attachments. Magnet attachments. Principles of retention, classification, advantages and disadvantages. Technical requirements for application. Lab protocol.	2
14	Fundamentals of splinting of teeth with damaged periodontium. General principles. Classification, general characteristics and technology splints.	2
15	Dowel-core restorations. Preparation guidelines, shape design and lab protocols. Direct, indirect and direct-indirect techniques. Multi-unit dowel cores-indications shape design and lab protocol. Cementation guidelines.	2
	End of Third semester	**30 h**

EXERCISES II YEAR (IV SEMESTER)

SIMULATION CENTER

№	Subject	Number of hours
1	Impression methods and impression techniques. Principles for proper position of the patient for impression taking procedures. Taking double layer double phase full arch impression, from lower jaw with condensation silicon.	2
2	Taking double layer double phase full arch impression, from upper jaw with condensation silicon from the prepared upper teeth. Bite registration impression.	2
3	Preparation of lower molar teeth. Preparation of lower **first** right **molar**	2
4	Preparation of lower molar teeth. Preparation of lower **second** left **molar.**	2
5	Preparation of lower molar teeth. Preparation of lower **second** left **molar**.	2
6	**Admission and attestation** of the preparations of lower **first** right **molar** and lower **second** left **molar**.	2
7	Preparation of lower premolars. Preparation of lower **second** left **premolar**.	2
8	Principles of preparations of teeth as abutment teeth for FPD. Preparation of **lower left canine.**	2
9	Preparation of **lower right canine**	2
10	Preparation of teeth for abutment teeth for FPD. Principles of fabrication of immediate FPD on a defect with immediate removal of the lower incisors.	2
11	**Admission and attestation** of the preparations of the **lower left and right canines** Adjustment and relining of the pre-prep, laboratory made temporary bridge.	2
12	**COLLOQUIUM.**	2
13	Preparation of lower **first** right **premolar.**	2
14	Principles of preparation of lower molars. Preparation of lower **second** right **molar.**	2
15	**Admission and attestation** of the preparations	2
	End of Fourth semester	**30 h**

EXERCISES II YEAR (IV SEMESTER)

LABORATORY TECHNOLOGIES

№	Subject	Number of hours
1	Pouring models from dental plaster with removable dies on teeth 13, 11, 22, 24, 26 and retentions on 12, 21, 23, 25.	2
2	Pouring models from dental plaster with removable dies on teeth 13, 11, 22, 24, 26 and retentions on 12, 21, 23, 25. Pouring of the base of the models.	2
3	Fixation of the models in articulator.	2
4	Separation of the dies on teeth 13, 11, 22, 24, 26. Trimming teeth 12 and 24 from the model and shaping the alveolar ridge in the area of the defect for a cantilever.	2
5	Trimming of the removable dies 13, 11, 22, 24, 26.	2
6	Fabrication of copings by the wax dip technique on 13 and 11.	2
7	Fabrication of copings by the plastic shell (Adapta) technique on 24 and 26.	
8	Shaping of the copings and placement of cervical wax.	2
9	Wax up of teeth 17 and 15 on a non-removable dies.	2
10	Full contour wax-up of tooth 22. Block out of the undercuts and impression taking with laboratory silicon for fabrication of a temporary crown.	2
11	**COLLOQUIUM**	2
12	Full contour wax up of FPD on 11 and 13 and pontic 12.	2
13	Reduction of the abutments and the pontic, according the indications for hybrid metal ceramic framework with preserved palatal contour.	2
14	Full contour wax up coping of 24 for full metal crown.	2
15	Full contour wax up coping of 26 for full metal crown. Full contour wax up of pontic 25 for full metal pontic.	2
	End of Fourth semester	**30 h**

LECTURES II YEAR (IV SEMESTER)

№	Subject	Number of hours
1	Impressions. General classification of the impression techniques. Digital and Material impression-workflows, principles and sequence.	2
2	Impression trays-classification. Single arch impression techniques. Triple tray impression technique. Bite registration techniques.	2
3	Working casts and Dies - Impression pouring. Die preparation. Models with present gingival contour.Gingival masks.	2
4	Working casts with removable dies-Pin systems. Pindex. Pin-less systems (Di-Lock).	2
5	Biomechanics of the masticatory apparatus. Biomechanics of Periodontics. Masticatory forces. Occlusal forces. Chewing pressure.	2
6	Masticatory unit, Masticatory reflex. Functional-mechanical equilibrium of the periodontium.	2
7	Fixed partial dentures-elements. Bridge classification. Classification of abutments Preparation guidelines. Pontic design variations and considerations.	2
8	Cantilever bridges - construction guidelines. Two piece bridges with rigid and non-rigid precision attachments. Lab protocol. Basic principles of wax-up of crowns and bridges. Master cast duplication method for FPD.	2
9	Plastic shell coping method (Adapta) lab protocol. Wax dip coping technique. Printed and milled frameworks for casting.	2
10	Preparation for investing, sprue placement. Proper wax pattern orientation. Investing procedure. Casting of dental alloys. Cleaning, finishing of the cast. Adjustments techniques and cementation.	2
11	Preparation guidelines and lab protocol of acrylic crowns and light cured lab composites.	2
12	Laboratory protocol of pre prep temporary FPD.	2
13	Metal-ceramic restorations- Shape design and lab protocols. Shoulder porcelain technique of placement. Mechanisms of connection between metal and porcelain. Principles of enhancement of the connection. Soldering of fractured metal ceramic restorations.	2
14	Hybrid metal-acrylic restorations - Shape design and lab protocols. Principles of attachment of the veneering material.	2
15	Metal free crowns - Preparation guidelines and lab protocol of All-ceramic crown with aluminous core. Metal free crowns - Preparation guidelines and lab protocol of All-ceramic crown pressed technique and cast ceramic (Dicor ceramic).	2
	End of Fourth semester	**30 h**

EXERCISES III YEAR (V SEMESTER)

CAD-CAM CENTER

№	Subject	Number of hours
1	Basic principles of manufacturing prosthetic constructions using specialized CAD design software.	2
2	Basic principles of manufacturing prosthetic constructions using specialized CAM technology.	2
3	Design of a single full-contour crown on tooth 22 using specialized CAD design software.	2
4	Design of a single full-contour crown on tooth 14 using specialized CAD design software.	2
5	Design of a single full-contour crown on tooth 17 using specialized CAD design software.	2
6	Design of abutments and pontics, using specialized CAD design software, in the field of 11-13 in full-contour.	2
7	Design of abutments and pontics, using specialized CAD design software, in the field of 24-26 in full-contour.	2
8	Design of abutments and pontics, using specialized CAD design software, in the field of 11-13 in reduced-contour.	1
	End of Fifth semester	**15 h**

EXERCISES III YEAR (V SEMESTER)

LABORATORY TECHNOLOGIES

№	Subject	Number of hours
1	Anatomical impressions. Main reference points and fiducial markers on the edentulous jaws. Pouring a diagnostic plaster models of edentulous jaws.	1
2	Analysis of the prosthetic field and determination of the margins of the custom tray.	1
3	Custom tray fabrication.	1
4	Pouring a model from a custom tray impression.	1
5	Fabrication of base plates with wax rims.	1
6	Fixation of the models in articulator.	1
7	Artificial teeth selection.	1
8	Teeth set up according to Gysi.	1
9	Pouring a new model.	1
10	Fabrication of new base plates with wax rims.	1
11	**COLLOQUIUM.**	1
12	Second teeth set up according to Gysi.	1
13	Final waxing and festooning of the denture and flasking.	1
14	Polymerization of the dentures.	1
15	Cleaning and polishing of the dentures.	1
	End of Fifth semester	**15 h**

LECTURES III YEAR (V SEMESTER)

№	Subject	Number of hours
1	Functional anatomy of the edentulous jaw. Retention and stability of full removable dentures, basic principles-physical and biophysical principles.	2
2	Laboratory technology of full removable dentures. Stock trays, first impression and analysis of the cast. Laboratory technology of full removable dentures. Custom tray fabrication, secondary impression, pouring custom tray. Fabrication of wax rims. Basic principles for fixing the models in articulator.	2
3	Teeth set up according to Gysi. Sagittal and transversal compensatory curves, ar their influence on the stability of full dentures. Proper formation of the compensato curves. Teeth set up according to Gerber.	2
4	Technology of implant supported and implant borne dentures.	1
5	CAD technologies	2
6	CAM technologies.	2
7	Basic principles. Coping technique. Milling techniques.	2
7	Selective laser sintering and selective laser melting. Galvanoplastic technology. 3D printing.	1
8	Laboratory technology of maxillofacial dentures. Technology of epytheses.	1
	End of Fifth semester	**15 h**

PRACTICAL EXAM ON FABRICATION OF A THREE-UNIT FPD BRIDGE ON WAX-UP WITHIN 6 ASTRONOMICAL HOURS AND TEETH SET UP OF UPPER AND LOWER DENTURES WITHIN 8 ASTRONOMICAL HOURS.

Students who fail to pass the practical, will not be allowed to attend the theoretical exam.

THEORETICAL EXAM ON PROPEDEUTICS OF PROSTHETIC DENTAL MEDICINE

Students who fail to pass the theoretical exam, will not be allowed to continue with their education.

QUESTIONNAIRE

OF PROPAEDEUTICS OF PROSTHETIC DENTAL MEDICINE

2024/2025

1. Working casts and Dies - Impression pouring. Die preparation.
2. Working casts with removable dies - Pin systems. Pindex. Pin-less systems (Di-Lock)
3. Preparation for investing, sprue placement. Proper wax pattern orientation. Investing procedure. Casting of dental alloys.
4. Cleaning and finishing of the cast. Adjustments techniques.
5. Soldering and welding. Soldering of metal-ceramic restorations. Pre and post veneer metal-ceramic soldering.
6. General classification of dental prostheses by various principles.
7. Partial crowns-classification, preparation stages functional parts of the finished preparation. Laboratory protocol.
8. Full metal crown. Preparation guidelines and lab protocols.
9. Metal free crowns - Preparation guidelines and lab protocol of All-ceramic crown with aluminous core.
10. Metal free crowns - Preparation guidelines and lab protocol of All-ceramic crown press technique and cast ceramic (Dicor ceramic).
11. Metal free crowns - Preparation guidelines and lab protocol of acrylic crowns and light cured lab composites.
12. Metal ceramic restorations - Shape design and lab protocols. Shoulder porcelain technique of placement.
13. Hybrid metal-acrylic restorations - Shape design and lab protocols. Principles of attachment of the veneering material.
14. Dowel-core restorations. Preparation guidelines, shape design and lab protocols. Direct, indirect and direct-indirect techniques.
15. Multi-unit dowel cores-indications shape design and lab protocol. Cementation guidelines
16. Fixed partial dentures-elements. Bridge classification. Preparation guidelines. Classification of abutments. Intra- and extracoronal retainers.
17. Pontic design variations and considerations.
18. Master cast duplication method-lab protocol.
19. General guidelines for esthetic veneering of fixed bridges with porcelain and acrylic. Lab protocol.
20. Cantilever bridges - construction guidelines. Two piece bridges with rigid and non-rigid precision attachments. Lab protocol.
21. Removable partial dentures-components overview. Kennedy classification. Retainers wrought wire bended clasps.
22. Direct retainers and clasps for removable partial dentures. Elements of the direct retainer. Theory of the clasp-parts and function.
23. Surveyor. Principles of surveying. Purposes of surveying.
24. Design principles of the direct retainers by "Ney" system.

25. Stabilization principles in removable partial denture design. Indirect retainers. Stabilization principles of removable partial dentures in various Kennedy classes.

26. Cast partial removable denture-lab protocol.

27. Acrylic removable partial denture-lab protocol.

28. Precision attachments-principles. Milling technique. Conical crowns. Channel shoulder attachments, Swing- lock attachments. One piece cast.

29. Stock precision attachments. Principles of retention, classification, advantages and disadvantages. Technical requirements for application of intracoronal attachments. Lab protocol.

30. Extracoronal precision attachments. Principles of retention, classification, advantages and disadvantages. Technical requirements for application of extracoronal attachments. Lab protocol.

31. Semi-precision stock attachments. Principles of retention, classification, advantages and disadvantages. Technical requirements for application of semi-precision attachments. Lab protocol.

32. Bar attachments. Stud attachments. Magnet attachments. Principles of retention, classification, advantages and disadvantages. Technical requirements for application Lab protocol.

33. Fundamentals of splinting of teeth with damaged periodontium. General principles. Classification, general characteristics and technology splints.

34. Full removable dentures. Elements of full denture. Principles of retention and stabilization. Mechanical and physical methods.

35. Principles of retention and stabilization. Biophysical and biomechanical methods.

36. Artificial teeth set up by Gysi. Sagittal and transversal compensatory curves-role for stabilization of the denture.

37. Other methods for setting teeth up. Gerber method. Artificial teeth set up in crossbite, prognatic and progenic cases.

Suggested literature, based on the lecture course

1. Хр. Кисов. Стоматологична керамика, Част първа, 1997, София
2. Хр. Кисов. Отпечатъчни материали и отпечатъчни методи в неподвижното протезиране, 1998, София
3. Хр. Кисов. Изпиляване на зъбите за керамични и металокерамични коронки, 2000, София
4. Хр. Кисов. Стоматологични цименти и техники за фиксиране на протезните конструкции
5. Хр. Кисов. Материалознание за стоматолози
6. Хр. Кисов. Керамични фасети
7. Попов, Пеев, Йорданов, Абаджиев, Йончева. Зъбопротезна имплантология
8. Хърбърт Шилинбърг, Основи на неснемаемите зъбни протези, 2001, Медицинско издателство „Шаров“
9. М. Балабанов, Моделно лята кламерна протеза, 2004, изд. Медицина и физкултура, София
10. Р. Маркскорс, Частични протези с моделно- лята основа, 1989, изд. Медицина и физкултура, София
11. Майкъл Маккенти, Цели протези – клиничен протокол, 2001, медицинско издателство „Шаров“
12. Woelfels DENTAL ANATOMY 8th Edition 2012
13. HERBERT T. SHILLINGBURG. Fundamentals of fixed prosthodontics
14. Duncan J. Wood and Tony Johnson. Techniques in Complete Denture Technology
15. McCracken's Partial Removable Prosthodontics.
16. Glossary of Prosthodontic Terms

17. Buddy D. Ranter, Allan S. Hoffman. Biomaterials Science
18. HERBERT T. SHILLINGBURG. Restoration of endodontically treated tooth
19. Peter Dawson. Functional Occlusion from TMJ to Smile Design.
20. Ralph Phillips. Science of Dental Materials
21. William O'Brien. Dental Materials and Their Selection
22. Hennig Wulfes, Kombitechnik und Modellguss, 2012, Academia dental, International School Bego Germany
23. Russell J. Stratton, Frank J. Wiebelt, An Atlas of Removable Partial Denture Design, Quintessence books
24. R.M. Basker, J.C. Davenport, J.M. Thomason Prosthetic Treatment of the edentulous Patient, Fifth Edition, 2011
25. PROSTHODONTIC TREATMENT FOR EDENTULOUS PATIENTS: ISBN 0-323-02296-0
26. George A. Zarb, Charles L. Bolender, Steven E. Eckert, Rhonda F. Jacob, Aaron H. Fenton, Regina Mericske-Stern, COMPLETE DENTURES AND IMPLANT-SUPPORTED PROSTHESES, 12 th edition
27. Alberto Olivieri, Marchelo Tiberi, Full denture, 2018

The Curriculum was updated with Protocol № 36 / 20.05.2024 of a Department council meeting of the Department of Dental material science and Prosthetic dental medicine, Faculty of Dental medicine, Medical University "Prof. Dr. Paraskev Stoyanov" – Varna.

Head of ES PDM: _____
(Assoc. prof. Dr. Stoyan Katsarov, DMD, PhD)

Head of Department DMSPDM: _____
(Prof. Dr. Mario Milkov, MD, PhD)