

SYLABUS

Subject:	<i>Prosthetic Dentistry 1</i>		
Study programme:	<i>Dental Medicine</i>	Semester:	<i>6. semester</i>
Valuation:	<i>absolved</i>	Obligation:	<i>obligatory</i>
Number of hours:	<i>1 h.lectures and 3 h. practicals/week</i>		<i>Hours 42</i>

**Place: Department of Stomatology and Maxillofacial Surgery and Akademia Košice
1 st Department of Stomatology
Department of Stomatology and Maxillofacial Surgery
Thursday PJ 13:45 – 15:15 (ETW)**

<i>Week</i>	<i>Lectures PVT /ETW/ PM</i>	<i>Practical</i>
1.	Basics knowledges from prosthodontics - effects of lost teeth in dental arches Basics knowledges from prosthodontics - importance of prosthetic dentistry 23.2.2023, PJ 13:45-15:15	- prosthodontics department, introduction -prosthodontics medical record , documentation in prosthetic dentistry, dental status - instruments used in prosthodontic - instruments for examination, preparation Evaluation of knowledges
	Basics knowledges from prosthodontics - effects of lost teeth in dental arches Basics knowledges from prosthodontics - importance of prosthetic dentistry	-basic knowledges of prosthetic dentistry - changes in dentition after tooth loss - dental unit Evaluation of knowledges
2.	Basics of gnatology - function of temporomandibular joint (TMJ) and chewing muscles Basics of gnatology - basic prosthetic points, planes and terms 9.3.2023, PJ, 13:45- 15:15	physiology of chewing system, human dentition, characteristic signs - basic of gnathology – static, dynamic occlusion, curve of Spee, occlusal plain, -others prosthetic plains and points - TMJ - anatomy and physiology, basic
	Basics of gnatology - function of temporomandibular joint (TMJ) and chewing muscles Basics of gnatology - basic prosthetic points, planes and terms	-classification of defects in dental arches according to Wild-Voldřich, Kennedy - casts evaluation, defects Evaluation of knowledges
3.	Defectology of dental arches : - classification by Wild-Voldřich Defectology of dental arches : - classification by Kennedy 23.3.2023, PJ, 13:45-15:15	biological factors of teeth, ideal abutment - classification of abutment teeth - X- ray examination in prosthodontics Evaluation of knowledges
	Defectology of dental arches : - classification by Wild-Voldřich	prosthetic examination of the patient - risk factors and systemic diseases

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	Defectology of dental arches : - classification by Kennedy	influencing prosthodontic treatment - analysis of study casts - examination of knowledge
4.	Examination of patient from prosthetic view - evaluation of general health - morphological and functional examination of chewing system - importance of X-ray examination in prosthetic dentistry 6.4.2023, PJ, 13:45- 15:15	-preprosthetic treatment of patient - oral hygiene, parodontology treatment - conservative and endodontic treatment - surgery and orthodontic treatment Evaluation of knowledges
	Examination of patient from prosthetic view - evaluation of general health - morphological and functional examination of chewing system - importance of X-ray examination in prosthetic dentistry	- basic division of denatl replacements – biodynamics of dental replacements - planning of prosthodontics treatment Evaluation of knowledges
5.	Basic division of dental replacements - biodynamics of prosthetic appliances (dentures/ 20.4.2023, PJ, 13:45- 15:15	planning of prosthodontic appliances – fixed crown - ordinary and laboratory phases Evaluation of knowledges
	Basic division of dental replacements - biodynamics of prosthetic appliances (dentures/	- planning of prosthodontic appliances – fixed bridge - ordinary and laboratory phases Evaluation of knowledges
6.	Prosthetic treatment in correlation with defect in dentition,biological factor and other parameters. Principles of tooth preparation for artificial crown 4.5.2023, PJ, 13:45- 15:15	- planning of prosthodontic appliances – removable partial dentures - ordinary and laboratory phases Evaluation of knowledges
	Prosthetic treatment in correlation with defect in dentition,biologica factor and other parameters. Principles of tooth preparation for artificial crown	- planning of prosthodontic appliances – complete dentures - ordinary and laboratory phases Evaluation of knowledges
7.	Impression technics in prosthodontic, their importance and division of impression matreials, comparison of impression materials	- impression materials in fixed and removable prosthodontics - impression techniques - examination of knowledge

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	18.5.2023, PJ, 13:45- 15:15 TEST FOR LECTURES	
	Impression technics in prosthodontic, their importance and division of impression materials, comparison of impression materials	materials used in prosthodontics – fixed and removable - metall alloys - resin materials - ceramic materials Evaluation of knowledges

Specific conditions for passing the subject:

Completion of 100% participation in practical exercises and lectures. Continuous review with a record of assessment during clinical teaching. Passing a test from lectures with a minimum rating of 60%.

Final test with a grade of at least 60%.

Conditions for credit: 100% communication with teacher

Treatment procedures:

Complex prosthetic treatment plan 5

Indication of prosthetic therapy 5

X-ray evaluation 12

Preparation of abutments 10

Impressions for fixed prosthetics 7

References:

Deepak Nallaswamy, Textbook of Prosthodontics, Jaypee Brothers Medical Publishers
ISBN: 2017, 9789351524441

Yasemin K.Ozkan, Complete Denture Prosthodontics , Springer International Publishing
AG , január 2019, ISBN: 3319690167

Stephen F. & Martin F., Contemporary fixed prosthodontics, 2006, ISBN-10: 0-323-02874-8

Herbert T. Shillingburg, Fixed Prosthodontics,1997, ISBN0-86715-201-X
Quintessence publishing (IL), 2012

George A. Zarb, Prosthodontic Treatment for Edentulous Patients: Complete Dentures and Implant-Supported, 2003, ISBN 0-323-02296-0