

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.	<p>Basics knowledges from prosthodontics - effects of lost teeth in dental arches</p> <p>Basics knowledges from prosthodontics - importance of prosthetic dentistry</p> <p>22.2.2024, PJ 13:45-15:15</p>	<p>- prosthodontics department, introduction</p> <p>-prosthodontics medical record , documentation in prosthetic dentistry, dental status</p> <p>- instruments used in prosthodontic</p> <p>- instruments for examination, preparation</p> <p>basic knowledges of prosthetic dentistry</p> <p>- changes in dentition after tooth loss</p> <p>- dental unit</p> <p>Evaluation of knowledges</p>
2.	<p>Basics of gnatology - function of temporomandibular joint (TMJ) and chewing muscles</p> <p>Basics of gnatology - basic prosthetic points, planes and terms</p> <p>7.3.2024, PJ, 13:45- 15:15</p>	<p>physiology of chewing system, human dentition, characteristic signs</p> <p>- basic of gnathology – static, dynamic occlusion, curve of Spee, occlusal plain,</p> <p>-others prosthetic plains and points</p> <p>- TMJ - anatomy and physiology, basic</p> <p>-classification of defects in dental arches according to Wild-Voldřich, Kennedy</p> <p>- casts evaluation, defects</p> <p>Evaluation of knowledges</p>
3.	<p>Defectology of dental arches : - classification by Wild-Voldřich</p> <p>Defectology of dental arches : - classification by Kennedy</p> <p>21.3.2024, PJ, 13:45-15:15</p>	<p>biological factors of teeth, ideal abutment</p> <p>- classification of abutment teeth</p> <p>- X- ray examination in prosthodontics</p> <p>Evaluation of knowledges</p> <p>prosthetic examination of the patient</p> <p>- risk factors and systemic diseases influencing prosthodontic treatment</p> <p>- analysis of study casts</p> <p>- examination of knowledge</p>
4.	<p>Examination of patient from prosthetic view</p> <p>- evaluation of general health</p> <p>- morphological and functional</p>	<p>-preprosthetic treatment of patient</p> <p>- oral hygiene, parodontology treatment</p> <p>- conservative and endodontic treatment</p> <p>- surgery and orthodontic treatment</p>

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	<p>examination of chewing system - importance of X-ray examination in prosthetic dentistry 4.4.2024, PJ, 13:45- 15:15</p>	<p>- basic division of dental replacements - biodynamics of dental replacements - planning of prosthodontics treatment Evaluation of knowledges</p>
5.	<p>Basic division of dental replacements - biodynamics of prosthetic appliances (dentures/ 18.4.2024, PJ, 13:45- 15:15</p>	<p>planning of prosthodontic appliances – fixed crown - ordinary and laboratory phases Evaluation of knowledges</p>
6.	<p>Prosthetic treatment in correlation with defect in dentition, biological factor and other parameters. Principles of tooth preparation for artificial crown 2.5.2024, PJ, 13:45- 15:15</p>	<p>- planning of prosthodontic appliances –removable partial dentures –complete dentures - ordinary and laboratory phases Evaluation of knowledges</p>
7.	<p>Impression technics in prosthodontic, their importance and division of impression materials, comparison of impression materials 16.5.2024, PJ, 13:45- 15:15 TEST FOR LECTURES</p>	<p>- impression materials in fixed and removable prosthodontics - impression techniques - examination of knowledge materials used in prosthodontics – fixed and removable - metall alloys - resin materials - ceramic materials Evaluation of knowledges</p>

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

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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