***Faculty of Dentistry, Specialty Dentistry***

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| Name of the discipline | **DENTAL MICROPROSTHESES** | | | |
| Type | compulsory | | Credits | 4 |
| Year of study | III | | semester | V |
| Number of hours | course | 30 | Practical/laboratory work | 30 |
| SEMINARS | 15 | Individual work | 40 |
| compound | Specialized | | | |
| Course holder | **Solomon Oleg, Gututui Vasile, Cojuhari Nicolai** | | | |
| location | Chisinau city, Toma Ciorba street 42, 1st floor | | | |
| Prerequisites and requirements of: | Program: basic knowledge in related disciplines such as: propaedeutics of orthopedic dentistry, biomaterials, anatomy | | | |
| Skills: basic digital skills (using the internet, document processing, using word processors, spreadsheets and presentation applications), communication and teamwork skills. | | | |
| The mission of the discipline | Theoretical and practical training of dentists, capable of successfully rehabilitating patients with dental diseases. Thus, studying orthopedic dentistry is a necessary objectivity, because the prosthodontist, regardless of the position he occupies, will encounter various diseases of the stomatognathic system, the therapy of which can only be performed through orthopedic and prosthetic interventions. | | | |
| The topic presented | Coronal dental diseases. Etiology, clinical picture, principles and methods of prosthetic treatment. Methodology of clinical and paraclinical examination  Indications and prosthetic treatment of coronal dental diseases with inlays.  Indications and prosthetic treatment of coronal odontal lesions by the method of covering with cast metal crowns. Protection of prepared teeth.  Indications and prosthetic treatment of coronal dental lesions by the method of covering with metal-acrylic and metal-ceramic crowns.  Indications and prosthetic treatment of coronal odontal lesions by the method of covering with physiognomic crowns (acrylic, ceramic, zirconium).  Indications and prosthetic treatment of subtotal and total coronal odontal lesions with crowns on corono-radicular devices, substitution crowns. Biomechanics of microprostheses.  Coronal odontal lesions. Etiopathogenesis. Clinical picture. Classifications.  Clinical and paraclinical examination of patients with LOC, diagnosis and indications for prosthetic treatment  Paraclinical examination of patients with LOC, diagnosis and prosthetic treatment methods.  Indications and prosthetic treatment of patients with coronal dental lesions with intra- and extra-tissue inlays (inlays, onlays)  Indications and prosthetic treatment of patients with LOC with stamped metal veneer crowns  Indications and contraindications for prosthetic treatment of patients with LOC with cast metal crowns  Indications and prosthetic treatment of patients with LOC with physiognomic acrylic crowns  Indications and prosthetic treatment of patients with LOC with ceramic crowns  Indications and prosthetic treatment of patients with LOC with metal-acrylic crowns with the metal component made by the casting method  Indications and prosthetic treatment of patients with LOC with metal-ceramic crowns  Indications and prosthetic treatment of patients with LOC with replacement crowns. | | | |
| Study purposes | • Identifying and using concepts, principles and theories in professional activities.  • Thorough knowledge, understanding and operation of theoretical knowledge and basic practical methods.  • Thorough knowledge and practical application of knowledge in the relationship with the patient, taking into account the person's age and character, the specifics of the pathology and the patient's experiences with doctors, in order to ensure prosthetic compliance.  • Completing patient medical records, performing clinical examinations and developing indications for the type of paraclinical examination as appropriate with their justification. Determining options for establishing the diagnosis and treatment plan.  • Knowledge and simulation of clinical and paraclinical examination of patients with pathologies in the oro-maxillofacial area; evaluation of paraclinical examination data  • Demonstrate and apply the knowledge acquired in the clinical and paraclinical evaluation of the patient. Promote the principles of tolerance and compassion towards patients. | | | |
| Purchased practical skills | Patient examination, diagnosis and treatment plan.  Determining the type of occlusion  Paraclinical examination of the patient  Examination of the patient's dento-periodontal support  Preparation of abutment teeth for the fabrication of a two-piece dental crown/bridge  Preparation of impression material from the alginate group.  Anatomical impression of the prosthetic field with elastic material (with student-to-student impression taking in the absence of patients)  Trial of dental crown/bridges in the oral cavity.  Preparation of abutment teeth for the fabrication of physiognomic dental crowns/bridges  Impression of the prosthetic field when making physiognomic dental crowns/bridges | | | |
| Evaluation form | Exam | | | |