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

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| Name of the discipline | **Practical internship: dental prosthetics** |
| Type | compulsory | Credits | 4 |
| Year of study | III | semester | VI |
| Number of hours | course |  | Practical/laboratory work | 90 |
| SEMINARS |  | Individual work | 30 |
| 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,dental microprostheses and fixed partial dentures |
| 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 | "Practical internship: Orthopedic Dentistry" aims to apply in practice the knowledge acquired by future dentists in the discipline, in order to ensure efficient, harmless dental care, respecting asepsis and antisepsis measures, qualified treatment methods in accordance with the relevant requirements. The practical implementation of the knowledge acquired in the discipline aims to develop the skills and clinical thinking of students oriented towards the accumulation of competencies in determining the optimal methods of prophylaxis, diagnosis and treatment of patients and improving their quality of life. |
| The topic presented | * Clinical and paraclinical examination of patients, diagnosis and indications for prosthetic treatment.
* Indications and prosthetic treatment of patients with coronal dental lesions with inlays
* Indications and prosthetic treatment of patients with coronal odontal lesions with stamped metal veneer crowns
* Indications and prosthetic treatment of patients with coronal dental lesions with cast metal crowns
* Indications and prosthetic treatment of patients with coronal odontal lesions with physiognomic acrylic crowns
* Indications and prosthetic treatment of patients with coronal dental lesions with ceramic crowns
* Indications and prosthetic treatment of patients with coronal dental lesions with mixed metal-acrylic crowns with the metal component made by the casting method.
* Indications and prosthetic treatment of patients with coronal odontal lesions with mixed metal-ceramic crowns
* Examination of the dento-periodontal support and gaps in the dental arches. Varieties of clinical situations.
* Principles of choosing and including abutment teeth in dental bridges. Preparation of abutment teeth. Impression taking.
* Determination of centric occlusion or centric intermaxillary relationships in patients with partial edentulism.

Biomechanics of dental bridges. Possible complications and their prophylaxis in prosthetic treatment with dental bridges. Practical certification. |
| 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 dataDemonstrate 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 occlusionParaclinical examination of the patientExamination of the patient's dento-periodontal supportPreparation of abutment teeth for the fabrication of a two-piece dental crown/bridgePreparation 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/bridgesImpression of the prosthetic field when making physiognomic dental crowns/bridges |
| Evaluation form | Exam |