# Faculty of Stomatology, Study program 0911.1 Stomatology

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| Name of discipline | **Accidents and complications in oral implantology** | | | |
| Type | Optional | | Credits | 1 |
| Year of study | IV | | Semester | VIII |
| Number of hours | Course | 10 | Practical work | 10 |
| | Seminars | | Self training | 10 |
| Component | Specialized | | | |
| Course holder | **Mostovei Andrei** | | | |
| Location | Dental clinics of Department of OMF surgery and oral implantology „Arsenie Guțan” | | | |
| Conditionings and prerequisites of: | Program : basic knowledge in related disciplines such as: anatomy, physiology, pharmacology, psychology, ethics. | | | |
| | Competences: basic digital skills (use of the internet, document processing, use of text editors, electronic tables and applications for presentations), communication skills and teamwork. | | | |
| Mission of the discipline | This course aims to study the main complications of dental implantology at different stages of treatment, endoosseus implant maintenance study.<br>It is proposed that at the end of the course students will be able to:<br>1. To correctly evaluate an edentuous patient correctly establishing the indications and especially the contraindications of the oral implants<br>2. Know the risk factors in dental implantology<br>3. To know the biomaterials used in oral implantology and the principles of tissue integration of oral implants<br>4. Know the stages of oral rehabilitation on implants and insert at least one implant into the calf crest or in a mandible model<br>5. Know the accidents and complications that may occur in oral implantology<br>6. Know the principles of patient implant dispensarisation<br>7. Can select patients with indications for implants<br>8. Have the necessary knowledge to enable them to pass as a doctor in the postgraduate courses in order to gain competence in oral implantology | | | |
| Presented topics | 1. Preoperative complications<br>2. Intraoperative complications<br>3. Postoperative complications<br>4. Biological complications<br>5. Mechanical complications | | | |
| Study purposes | To know the terminology specific to oral implantology;<br>• To know and interpret the clinical picture and paraclinical investigations in implantology;<br>• Know the basic types of oral implants<br>• Know the stages of oral rehabilitation on implants and insert at least one implant into the calf or simulator crest<br>• Know the accidents and complications that may occur in oral implantology<br>• Know the principles of patient implant dispensarization<br>• Be able to implement the knowledge gained in the research activity;<br>• Be competent to use critically and confidently the scientific information obtained using the new information and communication technologies. | | | |
| Purchased practical tools | 1: Knowledge, understanding and use of terminology specific to oral implantology, as well as pathologies or types of edentations for further surgical treatment with dental implants.<br>2: Explanation and interpretation of the clinical picture and correct assessment of paraclinical investigations in implantology; To be able to use the instrumentation, | | | |

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| | equipment that are used in oral implantology. Possess dental implant insertion technique on the simulator<br>3: Development of a diagnostic plan and choice of optimal surgical methods in oral implantology; Knowledge and simulation of the principles of surgical implant insertion techniques and preimplantary surgery; Knowledge of the principles of sinus-lifting, techniques used, augmentation materials used<br>4: Analysis of radiological clusters, assessment and description of anatomical formations based on (CBCT) cone-beam computed tomography and establishment of a implant-prosthetic treatment plan.<br>5: To know the errors and complications both intraoperative and non-operative in implant treatment, as well as methods for their prevention. Knowing the way of patient care and postoperative wound post-implantation<br>6: Demonstration and application of acquired knowledge in the clinical and paraclinical assessment of the patient. Selection and argumentation of communication techniques, data collection and patient preparation for surgical implantation and / or augmentation. Promoting the principles of tolerance and compassion towards patients. |
| Assessment form | CD |