

Faculty of Stomatology, Study program 0911.1 Stomatology

Name of discipline	Orthognathic surgery		
Type	Optional	Credits	1
Academic year	V		Semester IX
Number of hours	Course	10	Practical work 10
	Seminars		Self-training 10
Component	Specialized		
Course holder	Sîrbu Dumitru		
	Department of oral and maxillofacial surgery and oral implantology „Arsenie Guţan” (all clinical bases)		
Location Conditionings and prerequisites of:	<ul style="list-style-type: none"> • Proficiency in the language of instruction. • Confirmed competencies in university-level sciences (biomaterials, physics, anatomy, physiology). • Digital skills (internet usage, document processing, spreadsheet and presentation software proficiency, graphic design software usage). • Ability to communicate effectively and work in a team. • Personal qualities such as tolerance, compassion, and autonomy. 		
	Competencies: basic digital skills (internet usage, document processing, text editors, spreadsheets, and presentation software), communication skills, and teamwork abilities.		
Mission of the discipline	This course represents a crucial component within the field of clinical education, with one of its main objectives being the refinement of practical skills and the mastery of theoretical foundations in acquiring contemporary orthognathic surgery methods for rehabilitating patients with dento-alveolar and maxillofacial anomalies in the oro-maxillofacial region.		
Presented topics	<p>Anomalies and Deformities in Dento-Maxillary Region: General Overview. Clinical and Paraclinical Examination of Patients with Dento-Maxillary Anomalies. Diagnosis. Treatment Planning. Dento-Alveolar Surgery in Orthodontic Treatment. Methods and Techniques. Maxillary Osteotomy Techniques in Orthognathic Surgery. Surgical Treatment of Dento-Maxillary Anomalies and Deformities in Sagittal, Vertical, and Transverse Plans..</p>		
Study purposes	<ul style="list-style-type: none"> • Clinical examination of the patient with dento-alveolar anomalies. • Exooral and endooral clinical examination of the patient with dento-alveolar anomalies. • Radiological examination (OPG, CBCT, MRI, Cephalometric X-rays) of the patient with dento-alveolar anomalies. • Determination of general indications and contraindications for surgical treatment in patients with dento-alveolar anomalies. • Assessment of the treatment plan and alternative treatment options for patients with dento-alveolar anomalies. • Establishment of diagnosis and surgical-orthodontic therapeutic conduct: medical history and motivation questionnaire, facial and endooral clinical examination, facial and endooral photographic examination, functional examination, study model analysis, radiological examination, cephalometric analysis 		
Purchased practical tools	Mastery, Understanding, and Use of Specific Orthognathic Surgery Terminology; Understanding and Knowledge of Pathologies Indicating Orthognathic Surgical Methods; Explanation and Interpretation of Clinical Presentations and Paraclinical Investigations in Orthognathic Surgery; Acquiring Knowledge of the Principles of Orthognathic Surgical Techniques; Problem-solving and Formulation of Conclusions		
Assessment form	Exam		

