

SELECTIVE DISCIPLINE

for 2st year students of the Faculty of Dentistry

2020-2021 academic year

Name of the discipline	MODERN FEATURES OF TEETH PREPARATION
Department	Therapeutic Stomatology
Research and teaching staff who will teach the discipline	<p>Doc. Batig V.M. As. Tabachniuk N.V. As. Drozda I.I. As. Tokar O.M. As. Kilmukhametova Iu.H.</p>
Brief description the content of the discipline	<p>The purpose of the discipline: to improve the skills of preparation of the hard tooth tissues to increase the effectiveness of treatment of caries and non-cariou lesions.</p> <p>Tasks: mastering different methods of preparation: mechanical, chemical-mechanical, kinetic, ultrasonic, laser; formation of students' skills of high-quality and adequate preparation of carious cavities for complete removal of necrotic tissues and formation of carious cavities for future restoration.</p> <p>The results of studying the discipline: The student must <i>know</i>:</p> <ol style="list-style-type: none"> 1. Clinical features of anatomical and histological structure of enamel, dentine, cement. The concept of structural and functional resistance of hard tooth tissues. 2. Classification of carious cavities by Black. Methods of preparation of carious cavities. 3. Methods of isolation of the working field. <p>The student must <i>be able to</i>:</p> <ol style="list-style-type: none"> 4. To choose the method of preparation of hard tooth tissues in accordance with the clinical situation. 5. Prepare carious cavities for composite materials: micropreparation techniques (MI-therapy), ART-technique (non-invasive), tunnel preparation and others. 6. To choose instruments for different methods of preparation of hard tooth tissues.
Providing of general and professional competencies	<p>GC 1 Ability to abstract thinking, analysis and synthesis. GC 2 Knowledge and understanding of the subject area and understanding of professional activity. GC 3 Ability to apply knowledge in practice. PC 1 Ability to collect medical information about the patient and analyze obtained clinical data. PC 2 Ability to interpret the result of laboratory and instrumental examination. PC 3 Ability to diagnose: determine the preliminary, clinical, final, concomitant diagnosis, emergency conditions. PC 4 Ability to plan and implement measures for the prevention of diseases of organs and tissues of the oral cavity and maxillofacial area.</p>