

## SELECTIVE DISCIPLINE

for 2<sup>st</sup> year students of the Faculty of Dentistry

2021-2022 academic year

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