

SELECTIVE DISCIPLINE
for 3st year students of the Faculty of Dentistry
2020-2021 academic year

Name of the discipline	CURRENT ISSUES OF ENDODONTICS
Department	Therapeutic Stomatology
Research and teaching staff who will teach the discipline	Docent Mitchenok O.V. As. Kilmukhametova Iu.H. As. Tabachniuk N.V. As. Drozda I.I. As. Tokar O.M.
Brief description the content of the discipline	<p>The purpose of the discipline: to study and deepen students' knowledge of the etiology and pathogenesis of complicated caries, to expand the understanding of modern endodontic treatment using X-ray examinations, computed tomography, microscopic equipment.</p> <p>Tasks: mastering the skills of full-fledged medical and instrumental treatment of the root canal, its adequate obturation; study of drugs for the treatment of root canals in the treatment of pulpitis; use of physiotherapeutic methods of treatment.</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 the anatomical and histological structure of the tooth pulp. 2. Methods of diagnostics of pulpitis and periodontitis. Working with computer diagnostics. 3. Rules and methods of isolation of the working field using the Cofferdam system. 4. Methods for determining the working length of endodontic instruments for mechanical processing of root canals. 5. Substances used for antiseptic treatment of root canals. <p>The student must <i>be able to</i>:</p> <ol style="list-style-type: none"> 6. Isolate the working field. 7. Determine the working length of the root canal using an apex locator. 8. Carry out instrumental processing of root canals using an endomotor. 9. Use a microscope during endodontic treatment. 10. Use modern methods of filling root canals.
Implementation of general and professional competencies	<p>GC 1 Ability to abstract thinking, analysis and synthesis.</p> <p>GC 2 Knowledge and understanding of the subject area and understanding of professional activity.</p> <p>GC 3 Ability to apply knowledge in practice.</p> <p>PC 1 Ability to collect medical information about the patient and analyze obtained clinical data.</p> <p>PC 2 Ability to interpret the result of laboratory and instrumental examination.</p> <p>PC 3 Ability to diagnose: determine the preliminary, clinical, final, concomitant diagnosis, emergency conditions.</p> <p>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>