

	Educational institution Roel Metropolitan University
	Abstract of the course Department of Dental Disciplines

Abstract of the course "Standards of Diagnostics and Treatment in Dentistry"


Name of the discipline	Standards of diagnosis and treatment in dentistry
The complexity of the discipline	2 credits (60 hours)
Course, semester	5th year, 9th semester
The place of the discipline in the curriculum (prerequisites, postrequisites)	<p>The course "Standards of Diagnostics and Treatment in Dentistry" is part of the cycle of dental disciplines in the curriculum and is an elective course (elective subject) that completes the student's preparation for independent clinical practice.</p> <p>Prerequisites:therapeutic, surgical, orthopedic dentistry, pediatric dentistry, jurisprudence, public health and healthcare.</p> <p>Postrequisites:State final certification (SFC), initial accreditation of a specialist.</p>
Goals and objectives of the discipline	<p>The goalThe goal of mastering this discipline is to develop in students a clear algorithm of actions for examining and treating patients in accordance with approved clinical protocols and principles of evidence-based medicine to ensure the quality and safety of medical care.</p> <p>Objectives of the course:</p> <ol style="list-style-type: none"> 1. Study of the regulatory framework governing the standards of dental care in the Kyrgyz Republic and internationally. 2. Mastering the algorithms for primary and differential diagnosis of the main dental nosologies according to ICD-10. 3. Study of the required minimum diagnostic tests (radiology, laboratory tests) for various groups of diseases. 4. Training in developing treatment plans based on evidence-based clinical guidelines. 5. Study of criteria for assessing the quality of dental treatment. 6. Developing skills in maintaining medical records in strict accordance with standards.

	Educational institution Roel Metropolitan University
	Abstract of the course Department of Dental Disciplines

	<p>7. Analysis of typical errors and complications arising from violation of treatment protocols.</p> <p>8. Training in ethical and legal aspects of obtaining informed voluntary consent from a patient.</p>
Competencies:	<p>The discipline contributes to the development of the following competencies:</p> <p>OK-1:ability to think abstractly, analyze, synthesize;</p> <p>IK-1:ability and readiness to communicate orally and in writing in Kyrgyz, Russian and foreign languages to solve problems of professional and interpersonal interaction;</p> <p>SLK-1:ability and willingness to comply with ethical and deontological standards in professional activities;</p> <p>SLK-2:ability and willingness to work in a team, tolerantly perceive social, ethnic, religious and cultural differences;</p> <p>PC-2:ability and readiness to carry out preventive measures;</p> <p>PC-3:ability and readiness to carry out anti-epidemic measures;</p> <p>PC-4:ability and readiness to diagnose dental diseases;</p> <p>PC-6:ability and readiness to treat dental diseases;</p> <p>PC-15:ability and readiness to work with medical and technical equipment;</p> <p>PC-16:ability and willingness to maintain medical records;</p> <p>PC-19:ability and readiness to organize the work of medical personnel;</p> <p>PC-20:ability and readiness to analyze and assess the state of health of the population;</p> <p>PC-22:ability and willingness to participate in the organization and provision of medical and preventive care to the population;</p> <p>PC-23:ability and readiness to apply modern methods of diagnosis and treatment;</p> <p>DPK-1:ability and readiness to manage patients with various dental diseases using modern technologies.</p>

	Educational institution Roel Metropolitan University
	Abstract of the course Department of Dental Disciplines

Results of mastering the discipline	<p>The results of mastering the discipline are formed using active verbs from Bloom's Taxonomy:</p> <p>Will know:</p> <ul style="list-style-type: none"> • the content of current clinical protocols (standards) in the main areas of dentistry; • list of mandatory diagnostic procedures when admitting a new patient; • legal consequences of failure to comply with medical care standards. <p>Will understand:</p> <ul style="list-style-type: none"> • the difference between “clinical guidelines,” “standards,” and “treatment protocols”; • the importance of evidence-based medicine in the selection of medications and restoration methods. <p>Will be able to use:</p> <ul style="list-style-type: none"> • information resources and databases for searching for current international treatment standards (ADA, FDI); • methods of medical statistical analysis to assess the effectiveness of the treatment. <p>Will be able to:</p> <ul style="list-style-type: none"> • justify the chosen treatment tactics for the patient based on standards and the clinical situation; • identify deviations from the treatment protocol and promptly adjust the treatment plan; • fill out the dental patient’s medical record (form No. 043/u) in accordance with established requirements; • to argue the need for additional research methods before starting invasive interventions.
Basic literature	<ol style="list-style-type: none"> 1. Clinical protocols (standards) provision of dental care approved by the Ministry of Health of the Kyrgyz Republic. 2. James R. Hupp. Contemporary Oral and Maxillofacial Surgery. (Sections on surgical standards). 3. Richard Simonsen. Evidence-Based Dentistry.

	Educational institution Roel Metropolitan University
	Abstract of the course Department of Dental Disciplines

	<ol style="list-style-type: none">4. Bazikyan E. A. Propaedeutic Dentistry. Textbook. (Sections on Diagnostics).5. Leontiev V.K. Standards and algorithms in dentistry.6. Oral Medicine. Exam Preparatory Manual for Undergraduates.
--	---