


**«BELORUSSIAN STATE MEDICAL UNIVERSITY»
DEPARTMENT PROSTHETIC DENTISTRY AND ORTHODONTICS**

APPROVED

Head of department


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**LECTURE PLAN
FOR STUDENTS STUDYING IN ENGLISH
4th YEAR, 8th SEMESTER 2023/2024
DISCIPLINE ORTHODONTICS**

#	TOPICS
1.	Principles of functional treatment of dental anomalies. Functional orthodontic appliances. Features of action, design, application.
2.	Complex, surgical, prosthetic methods of treatment of dentoalveolar anomalies.
3.	Anomalies in the development of teeth: anomalies in the structure of hard tissues, shape, size, timing of eruption, number of teeth, position of teeth in the dentition. Etiology, clinical manifestations, diagnosis and treatment.
4.	Bite anomalies in the sagittal plane. Distal occlusion: etiology, clinical manifestations, diagnosis, methods of prevention and treatment in various periods of occlusion formation.
5.	Bite anomalies in the sagittal plane. Mesial occlusion: etiology, clinical manifestations, diagnosis, methods of prevention and treatment in various periods of occlusion formation.
6.	Bite anomalies in the vertical plane. Deep bite: etiology, clinical manifestations, diagnosis and methods of prevention and treatment in different periods of bite formation. Open bite: etiology, clinical manifestations, diagnosis and methods of prevention and treatment in various periods of bite formation.
7.	Bite anomalies in the horizontal plane. Cross bite: types, etiology, clinical manifestations, diagnosis and methods of prevention and treatment in different periods of bite formation.
8.	Rehabilitation of children with congenital cleft lip, alveolar process, hard and soft palate.
9.	Multibonding systems: types, indications and contraindications for use. Stages of treatment of dentoalveolar anomalies using a multibonding system. Retention of achieved results of orthodontic treatment.
10.	New orthodontic appliances and devices for the prevention and treatment of dental anomalies.