

**Thematic seminar-type lesson plan
on the discipline "Clinical and functional diagnostic methods in
orthodontics"
for students of the educational program
of the specialty 31.05.03 Dentistry
orientation (profile) Dentistry
is a full-time course
for the spring semester of the 2024-2025 academic year**

Lesson No.1

1. Clinical diagnostic methods in orthodontics. Registration of medical documentation for an orthodontic patient.

Lesson No.2

2. Clinical diagnostic methods in orthodontics. Photostatic diagnostic method. Fundamentals of photoprotection in the orthodontics clinic.

Lesson No.3

3. Clinical diagnostic methods in orthodontics. Digital diagnostic methods in the orthodontics clinic.

Lesson No.4

4. Clinical diagnostic methods in orthodontics Graphical diagnostic methods. Planning the treatment of ASF, taking into account the individual parameters of the craniofacial complex.

Lesson No.5

5. Clinical diagnostic methods in orthodontics Functional diagnostic methods in orthodontics. Methods for studying the condition of CHLO muscles. Electromyography, myotonometry.

Lesson No.6

6. Functional diagnostic methods in orthodontics, Methods for determining the central ratio of the jaws and the height of the bite. Deprogramming of the masticatory muscles, TENS.

Lesson No.7

7. Functional diagnostic methods in orthodontics. Determination of the functional parameters of CHLO (function of respiration, swallowing, speech formation).

Lesson No.8

8. Functional diagnostic methods in orthodontics Diagnostics of occlusal contact disorders. Articulation materials, T-SCAN.

Lesson No.9

9. X-ray diagnostic methods in orthodontics. Methods of decoding the Schwartz TRG.

Lesson No.10

10. X-ray diagnostic methods in orthodontics. Methods of decoding the TRG according to Alexander, Sassouni, Di Paolo.

Lesson No.11

11. X-ray diagnostic methods in orthodontics. Computed tomography of the maxillary system and TMJ. 3D cephalometry.

Lesson No.12

12. X-ray diagnostic methods in orthodontics. MRI diagnosis of TMJ.

Рассмотрено на заседании кафедры стоматологии детского возраста
17.06.2024 г., протокол №16

Discussed at the meeting of the Pediatric Dentistry Department, report №11, dated
25.01.2025

Head of Department



I. V. Fomenko