

**Thematic lesson plan of lectures
in the discipline " Innovative technologies in orthopedic dentistry"
for students in the year of admission 2020
according to the educational program
specialist in the specialty 31.05.03 Dentistry,
direction (profile) Dentistry, full-time education
for the 2024-2025 academic year**

No	Thematic blocks	Hours (akadem)
9 semester		
1.	Modern trends in aesthetic orthopedic dentistry. Digital analysis of aesthetic parameters in orthopedic dentistry. ¹ Digital planning. 3Ddesign. Digital detection of tooth color. Digital manufacturing of veneers, inlays, crowns, bridges and bar dentures. ²	2
2	CAD/CAM technologies in orthopedic dentistry. The CEREC system. ¹ The concept of CAD / CAM system. Algorithm of CAD/CAM operation in the manufacture of various denture designs. Using of virtual articulators. ²	2
3.	Innovative technologies for manufacturing removable dentures. ¹ Thermoplastics, injection molding, selective laser sintering. ²	2
	Total	6

¹ -Subject

² - essential content (if necessary)

Considered at the meeting of the Department for Prosthetic dentistry with course of clinical dentistry "14" May 2024, protocol No 11.

Head of the Department



V.I. Shemonaev