

Thematic plan of seminars
in the discipline "Cariology and hard tissue lesions of teeth"
for students of the 2022 year of admission in the educational program 31.05.03 Dentistry,
in the specialty of training, form of study – resident instruction
3rd-Years Students (Term V, VI), for the 2024-2025 academic year

| № | Thematic blocks | Hours (academic) |
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| Term V | | |
| 1 | The organization of the therapeutic department ¹ . Basic principles of asepsis, infection control in conservative dentistry ² . (Part 1) | 2 (90 мин) |
| | Ergonomics and deontological principles in the treatment of caries and non-caries lesions of hard tissues of teeth ² . Records and reports. Quantitative and qualitative indicators of the dentist's work ² . (Part 2) | 1,73 (78 мин) |
| 2 | Examination techniques a dental patient ¹ . Essence and significance of basic techniques of examination. Registration in a dental patient's card ² . (Part 1) | 2 (90 мин) |
| | Examination techniques a dental patient ¹ . Essence and significance of basic techniques of examination. Registration in a dental patient's card ² . (Part 2) | 1,73 (78 мин) |
| 3 | Examination techniques a dental patient ¹ . Essence and significance of additional techniques of examination. Index estimation of a condition of the teeth and periodontium ² . (Part 1) | 2 (90 мин) |
| | Examination techniques a dental patient ¹ . Essence and significance of additional techniques of examination. Index estimation of a condition of the teeth and periodontium ² . (Part 2) | 1,73 (78 мин) |
| 4 | Plaque and calculus ¹ . Classification. Diagnostics of dental deposits. The definition of plaque indices. Scaling ² . (Part 1) | 2 (90 мин) |
| | Plaque and calculus ¹ . Classification. Diagnostics of dental deposits. The definition of plaque indices. Scaling ² . (Part 2) | 1,73 (78 мин) |
| 5 | Dental caries ¹ . The epidemiology of dental caries. The etiology and the pathogenesis of dental caries. Modern hypotheses concerning the etiology and pathogenesis of caries. International classification ² . (Part 1) | 2 (90 мин) |
| | Dental caries ¹ . The epidemiology of dental caries. The etiology and the pathogenesis of dental caries. Modern hypotheses concerning the etiology and pathogenesis of caries. International classification ² . (Part 2) | 1,73 (78 мин) |
| 6 | Enamel caries (white spot) ¹ . Histopathology, clinical features, diagnosis and differential diagnosis, treatment ² . (Part 1) | 2 (90 мин) |
| | Enamel caries (white spot) ¹ . Histopathology, clinical features, diagnosis and differential diagnosis, treatment ² . (Part 2) | 1,73 (78 мин) |
| 7 | Enamel caries (superficial caries) ¹ . Histopathology, clinical features, diagnosis and differential diagnosis, treatment ² . (Part 1) | 2 (90 мин) |
| | Dentinal caries (medium caries) ¹ . Histopathology, clinical features, diagnosis and differential diagnosis, treatment ² . (Part 2) | 1,73 (78 мин) |
| 8 | Pulp hyperemia (deep caries) ¹ . Histopathology, clinical features, diagnosis and differential diagnosis, treatment ² . (Part 1) | 2 (90 мин) |
| | Pulp hyperemia (deep caries) ¹ . Histopathology, clinical features, diagnosis and differential diagnosis, treatment ² . (Part 2) | 1,87 (84 мин) |
| Term VI | | |
| 1 | Root caries ¹ . Histopathology, clinical features, diagnosis and differential diagnosis, treatment ² . (Part 1) | 2 (90 мин) |

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| | Systemic medication of caries¹. Prevention of caries². (Part 2) | 1,73 (78 МИН) |
| 2 | Errors and complications , arising in the diagnosis and treatment of dental caries ¹ . Their prevention and methods of their elimination ² . (Part 1) | 2 (90 МИН) |
| | Errors and complications , arising in the diagnosis and treatment of dental caries ¹ . Their prevention and methods of their elimination ² . (Part 2) | 1,73 (78 МИН) |
| 3 | Non-carious lesions of teeth¹ . Classification of non-carious lesions. Tooth lesions at follicular period of tissue development – before tooth eruption (abnormalities of size and form of teeth, hypoplasia, the enamel hyperplasia, endemic fluorosis, symptoms of syphilis hereditaria tarda, development abnormalities and tooth eruption, change in colour). Etiopathogenesis, pathoanatomy, clinical findings, diagnosis, differential diagnostics, prevention and treatment ² . (Part 1) | 2 (90 МИН) |
| | Inherited abnormality in tooth development¹ . Etiopathogenesis, pathoanatomy, clinical findings, diagnosis, differential diagnostics, prevention and treatment ² . (Part 2) | 1,73 (78 МИН) |
| 4 | Non-carious lesions occurring after eruption: pigmentation and dental plaque, hard tissue attrition, wedge-shaped defect, tooth erosion¹ . Etiopathogenesis, pathoanatomy, clinical findings, diagnosis, differential diagnostics, prevention and treatment ² . (Part 1) | 2 (90 МИН) |
| | Non-carious lesions occurring after eruption: pigmentation and dental plaque, hard tissue attrition, wedge-shaped defect, tooth erosion¹ . Etiopathogenesis, pathoanatomy, clinical findings, diagnosis, differential diagnostics, prevention and treatment ² . (Part 2) | 1,73 (78 МИН) |
| 5 | Non-carious lesions occurring after eruption: hard tissue necrosis, dental hyperesthesia, dental injury¹ . Etiopathogenesis, pathoanatomy, clinical findings, diagnosis, differential diagnostics, prevention and treatment ² . (Part 1) | 2 (90 МИН) |
| | Non-carious lesions occurring after eruption: hard tissue necrosis, dental hyperesthesia, dental injury¹ . Etiopathogenesis, pathoanatomy, clinical findings, diagnosis, differential diagnostics, prevention and treatment ² . (Part 2) | 1,73 (78 МИН) |
| 6 | Dental discoloration. Vital tooth bleaching¹ . Classification of dental bleaching techniques. Indications and counterindications for dental bleaching. In-Office whitening technique. Therapeutic errors and accidents arising during in-office whitening and the methods of their elimination ² . (Part 1) | 2 (90 МИН) |
| | Vital tooth bleaching¹ . At-home tooth whitening technique. Therapeutic errors and accidents arising during in-office whitening and the methods of their elimination ² . (Part 2) | 1,73 (78 МИН) |
| 7 | The term “dental restoration”, it’s intension¹ . Indications and counterindications for dental restoration. The healing conception of dental restoration in patients with caries and non-carious lesions. Dental restoration material selection for diverse groups of teeth. The stages of molars and premolars restoration ² . (Part 1) | 2 (90 МИН) |
| | The term “dental restoration”, it’s intension¹ . Indications and counterindications for dental restoration. The healing conception of dental restoration in patients with caries and non-carious lesions. Dental restoration material selection for diverse groups of teeth. The stages of molars and premolars restoration ² . (Part 2) | 1,73 (78 МИН) |
| 8 | The dental restoration¹ . The stages of anterior teeth restoration ² . (Part 1) | 2 (90 МИН) |
| | The dental restoration¹ . The stages of anterior teeth restoration ² . (Part 2) | 1,87 (84 МИН) |

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| | Total | 60 |
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¹ - Subject

² - essential content (if necessary)

Considered at the meeting of the department of Therapeutic Dentistry "06" June 2024, protocol No12

Head of the Department of Therapeutic
Dentistry, DSci, Professor



I.V. Firsova