

"CONFIRM"

Head of Pediatric  
Dentistry Department  
Assoc. Prof. Kolesnichenko O.V.  
"02" January 2024



**THEMATIC PLAN OF THE PRACTICAL LESSONS**

**Pediatric Dental Surgery**

4<sup>th</sup> year, 8<sup>th</sup> semester 2023-2024 years

Theme of the lesson	Hour
<i>Theme №1.</i> Anatomical and physiological features of the development and structure of tissues and organs of the maxillofacial area in children. Anesthesia for maxillofacial area surgery in children in ambulatory and hospital. Operation of extraction of primary and permanent teeth.	4
<i>Theme №2.</i> Odontogenic and non-odontogenic, acute and chronic periostitis of the jaws. Clinic, diagnostics, differential diagnostics. Surgical treatment. Complications, their treatment and prevention.	4
<i>Theme № 3.</i> Acute odontogenic osteomyelitis of the jaws in children. Acute non-odontogenic osteomyelitis of the jaws in children. Chronic osteomyelitis of the jaws in children.	4
<i>Theme № 4.</i> Odontogenic, non-odontogenic abscesses and phlegmones of the maxillofacial area. Classification, clinic and diagnosis depending on the localization of the inflammatory focus. Differential diagnostics. Surgical treatment and its complications. General principles of complex treatment.	4
<i>Theme № 5.</i> Odontogenic inflammatory jaw cysts of primary and permanent teeth. Clinic, diagnostics, differential diagnostics. Methods of treatment.	4
<i>Theme № 6.</i> Acute and chronic, odontogenic and non-odontogenic lymphadenitis of the maxillofacial area. Complications and its prevention.	4
<i>Theme № 7.</i> Acute ( <i>epidemic and non-epidemic parotitis, calculous and non-calculous submaxillitis</i> ), chronic ( <i>parenchymal and interstitial submaxillitis</i> ) diseases of the salivary glands in children. Clinic, diagnosis, treatment and prevention of salivary gland diseases in children.	4
<i>Theme № 8.</i> Acute and chronic inflammatory diseases of temporomandibular joint (TMJ) in children. Secondary osteoarthritis, ankylosis. Causes of development, diagnosis, differential diagnosis, clinical course. Principles and stages of surgical and medicamentous treatment. Rehabilitation of such patients.	4
<i>Theme №9.</i> Traumatic injuries of the soft tissues. Burns and frostbites.	3
<i>Theme №10.</i> Furuncles and carbuncle of the maxillofacial area. Classification, diagnosis, differential diagnosis, treatment. Complications and its prevention.	3
<b>Summary lesson. Differentiated test.</b>	
<b>Total</b>	<b>38</b>

Assistant principal of the department

Assoc. Prof. Girchak G.V.

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THEMATIC PLAN OF THE SELF-WORK

Pediatric Dental Surgery  
4<sup>th</sup> year, 8<sup>th</sup> semester 2023-2024 years

№	Theme	Hours
1.	Paint schemes - pictures innervation and vascularization teeth of the upper and lower jaw.	4
2.	Make a table of indications and contraindications for anesthesia.	4
3.	Write prescriptions for drugs for local anesthesia in children of different ages.	4
4.	Draw up a scheme of differential diagnosis of acute odontogenic inflammatory processes in children (periostitis, osteomyelitis, abscess, phlegmon, lymphadenitis).	4
5.	Draw up a scheme of differential diagnosis of chronic odontogenic inflammatory processes in children (periostitis, osteomyelitis, abscess, phlegmon, lymphadenitis).	4
6.	Draw a scheme of rational sections in the area of head and neck in the presence of inflammation in the soft tissues.	4
7.	Draw a diagram of operations cystotomy and cystectomy	4
8.	Write prescriptions for medications that are used in the treatment of inflammatory processes of MFA in children.	4
9.	Draw a diagram of the topographic location of the major salivary glands, the location of their excretory ducts	4
10.	To chart dif. diagnose diseases TMJ with other diseases	4
11.	Make a table of diagnostic symptoms and methods of treatment of the main joint diseases (arthritis, arthrosis).	4
12.	To chart the necessary resuscitation in emergency conditions ( <i>anaphylactic shock, collapse, dizziness</i> ).	2
	<b>Total</b>	<b>46</b>

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**THEMATIC PLAN OF LECTURES**

**Pediatric Dental Surgery**

**4<sup>th</sup> year, 8<sup>th</sup> semester 2023-2024 years**

No, date	Theme	Lector
1 23.02.24	Anatomical and physiological features of development and structure of tissues and organs of the maxillofacial area in children. Local and general anesthesia in children. Indications and contraindication for tooth extraction in children, technique of its conduction, tools. Peculiarities of extraction of primary and permanent teeth in children, prevention of its complications.	Assos. Prof Fur M. B.
2 08.03.24	Inflammatory processes of the maxillo-facial area in children. Acute and chronic periostitis. Acute and chronic osteomyelitis. Inflammatory cysts of the jaws from primary and permanent teeth. Inflammatory processes of the soft tissues of the maxillo-facial area in children (abscesses, phlegmons, lymphadenitis). Specific inflammatory diseases.	Assos. Prof Fur M. B
3 22.03.24	Causes of child injuries and its prevention. Diagnosis, clinical manifestation of injuries of the soft tissues of the maxillofacial area in children. Principles of the plastic surgery which are used for surgical processing of wounds. Treatment and consequences of the traumatic injuries of the soft tissues of face in children.	Assos. Prof Fur M. B

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