

**THE MINISTRY OF HEALTH
OF UKRAINE
DANYLO HALYTSKY LVIV NATIONAL MEDICAL UNIVERSITY
PEDIATRIC DENTISTRY DEPARTMENT**

Head of the department: Assoc.Prof. Kolesnichenko O.V.

Practical Training Register

**on Pediatric Therapeutic
Dentistry**

(name, surname)

V year _____group_____Dentistry Faculty

Lviv 2022

THEMATIC PLAN

Industrial medical practice in pediatric dentistry
according to an individual profile course of practical training (**general dentistry**)

№ 3/п	Topic	Hours/days
Industrial medical practice in pediatric therapeutic dentistry		
1.	Examination of a dental patient. Filling out medical documentation (ambulatory medical history, record of dental formula according to WHO). Determination of indicators of the prevalence and intensity of dental caries in children in terms of age and orthopantomograms. Determination of the bite period. Periodontal indices.	6/1
2.	Determining the state of oral hygiene using hygienic indices. Stages of professional oral hygiene in children. Removal of dental layers by various methods. Prevention methods. Methodology of remineralizing therapy in children using gels and varnishes. Deep fluoridation. Sealing of fissures in children. Indications and contraindications. Implementation method.	6/1
3.	Preparation and filling of carious cavities of temporary and permanent teeth. Preparation of carious cavities with different localization, choice of filling material, filling technique. The technique of tooth restoration using modern photopolymer composite materials. The technique of restoration of temporary teeth with the help of standard metal ones crowns in children and modern photopolymer composite materials.	6/1
4.	Vital amputation and extirpation of the pulp. Partial and complete pulp removal. Indications, methods of their implementation. Endodontic treatment root canals of temporary and permanent teeth, materials for obturation of root canals at various stages of their formation.	6/1
5.	Determination of physiological and pathological root resorption of temporary and permanent teeth. Analysis of orthopantomograms. Stages of root growth. Limits of endodontic treatment of temporary and permanent teeth. Treatment of children under general analgesia	6/1
Industrial medical practice in pediatric surgical dentistry		
6.	General and local anesthesia in children at an outpatient surgical appointment: types and methods, indications and contraindications for the choice of methods. Conducting method.	6/1
7.	Tooth extraction operation in children. Indications and contraindications for removal of temporary and permanent teeth, instruments. Peculiarities of tooth extraction in children with concomitant somatic diseases. General and local complications during and after tooth extraction, methods of their treatment and prevention.	6/1
8.	Acute and chronic inflammatory diseases of the maxillofacial area in children. Anatomical and physiological features of the course of inflammatory processes of the maxillofacial area in children. Clinic, diagnosis, differential diagnosis, treatment.	6/1
9.	Traumatic damage to the teeth and bones of children. Methods of diagnosis, treatment.	6/1
Credits ECTS – 3,5		54 hours

Self-work

№ 3/II	Тема	Hours
Industrial medical practice in pediatric dentistry		
1.	Write down the risk factors of caries and periodontal tissue diseases in the table. General treatment of dental caries in children: planning, means and methods.	6
2.	Describe the stages of preparation and filling of carious cavities of temporary and permanent teeth. Toolkit and auxiliary means (rubber dam, matrices, blades, etc.)	6
3.	Write groups of filling materials for permanent and temporary teeth. Sealing materials for root filling in permanent and temporary teeth.	6
4.	Selection of tools for endodontic treatment of root canals of temporary and permanent teeth. Write out the requirements for endodontic instruments in temporary teeth.	6
5.	Schematically draw the types of physiological and pathological root resorption of temporary teeth and stages of root formation.	6
6.	Make a table of indications and contraindications for the use of anesthesia.	6
7.	Describe the complications after tooth extraction (bleeding from the socket, socket pain, alveolitis), treatment and prevention.	6
8.	To describe the prevention of odontogenic periostitis of the MFO in children.	6
9.	To describe the peculiarities of the examination of children with injuries of the MFO in children.	3
Total		51

List of practical skills

№ з/п	Skills and practical skills	A note about implementation
1.	To be able to examine a patient at a dental appointment with a pediatric dentist-therapist.	
2.	To be able to perform professional hygiene of the oral cavity, removal of dental layers by various methods. Be able to give recommendations on oral hygiene, taking into account the individual characteristics of the patient.	
3.	Be able to cover teeth with therapeutic and preventive varnishes, gels in children, sealing fissures of permanent teeth in children, and impregnation of hard tissues of temporary teeth.	
4.	Be able to decipher orthopantomograms.	
5.	Be able to perform an index assessment of periodontal tissues in children.	
6.	Be able to prepare carious cavities of temporary and permanent teeth, taking into account the type of filling material.	
7.	To be able to fill carious cavities of temporary teeth with various filling materials.	
8.	To be able to fill carious cavities of permanent teeth with various filling materials.	
9.	Be able to apply and remove temporary fillings with odontotropic pastes in the treatment of caries and pulpitis. Apply and remove hermetic bandages at treatment of pulpitis and periodontitis.	
10.	Be able to perform pulp amputation of temporary and permanent teeth. Diathermocoagulation in the treatment of various forms of pulpitis.	
11.	Be able to extirpate the pulp of temporary and permanent teeth. Diathermocoagulation in the treatment of various forms of pulpitis.	
12.	To be able to carry out instrumental treatment of root canals of temporary and permanent teeth, impregnation methods of treatment of root canals of permanent and temporary teeth.	
13.	Be able to fill the root canals of temporary teeth using hardening and non-hardening sealers of different groups and fillers.	
14.	To be able to fill the root canals of permanent teeth using hardening and non-hardening sealers of various groups and fillers.	
15.	To be able to grind and polish seals made of various types of sealing materials.	
16.	To be able to carry out local anesthesia in the treatment of dental diseases by various methods (application, infiltration).	
17.	To be able to administer local anesthesia in the treatment of dental diseases by various methods (conductor).	
18.	To be able to carry out local anesthesia in the treatment of dental diseases by various methods (inraligamentary, intrapulpal, subperiosteal).	
19.	Be able to perform a typical removal of temporary teeth on a phantom.	
20.	Be able to perform a typical removal of permanent teeth on a phantom.	
21.	Be able to perform curettage of the hole on a phantom.	
22.	Be able to perform periostomy.	
23.	To be able to splint teeth using various methods (ligature tying of teeth).	

Sample diary

Date	Name	Age	History No diseases	Visiting	Compla ints
01.09. 2015	Miller I.	5 y.	1537	1	On strong spontaneous pain, aggravated by cold, in the area of the lower jaw on the right

Teacher's signature

Date

Objective Data	Diagnosis	Treatment
<p style="text-align: center;">P P P P</p> <p>55 54 53 52 51 61 62 63 64 65 85 84 83 82 81 71 72 73 74 75</p> <p style="text-align: center;">C P P</p> <p>mf=6 ($\kappa(C) = 1, p = 5$).</p> <p>Index PMA:</p> <p>0 0 0 0 0 0 0 0 0 0 55 54 53 52 51 61 62 63 64 65 85 84 83 82 81 51 52 53 54 55 0 0 0 0 0 0 0 0 0 0</p> $PMA = \frac{\sum}{3 \cdot n} \cdot 100\% =$ $\frac{0}{3 \cdot 20} \cdot 100\% = 0$ <p>there are no signs of gingivitis</p> <p>\sum - sum of points;</p> <p>n – number of teeth</p> <p>Tooth 85 has a carious cavity.</p> <p>Dentin is softened, Probing is sharply painful the whole bottom, reaction to cold sharply positive, percussion is weak painful</p>	<p>Acute deep caries of 85 teeth.</p>	

Doctor's signature

Date

CHARACTERISTIC

student _____ group ____ 5th ____ course
(Full Name)

The direct manager of the practice _____

(Full Name, signature)

Basic head of practice _____

(Full Name, signature)

Stamp place

Differential calculation

Sum of points for:		Total points	Traditional rating	Date	Signature manager practice from the department
implementation practical skills	Final control				

(signature)

(surname and initials of the head of practice from the department)