

MINISTRY OF HEALTH OF UKRAINE
ODESA NATIONAL MEDICAL UNIVERSITY
Department of pediatric dentistry

DIARY
of Student's Nursing Internship
in Pediatric Dentistry

Student _____
(Full name)

Odesa
ONMedU
2023

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Compilers: M. D. prof. Oksana Dienha, assist. Iryna Tarasenko, ass. prof., Ph. D. Zhanna Novikova, ass. prof., Ph. D. Mykola Konovalov, ass. prof., Ph. D. Vladyslav Horokhovskiy, ass. prof., Ph. D. Liudmyla Tsevukh

Reviewers:

Vasyl Skyba, M. D. prof.,
head of the Therapeutic Dentistry Department

Stanislav Shnyder, M. D. A. M. NAMN of Ukraine,
head of the General Dentistry Department

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Щоденник є звітним документом, який презентує обсяг та якість роботи студента в період проходження навчальної практики з сестринської справи у стоматології дитячого віку.

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The diary is a reporting document that reflects the volume and quality of student's work during the nursing internship in pediatric dentistry.

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INTRODUCTION

Student's internship is an integral part of training aimed at improving the level of practical training of students, mastering modern methods of diagnosis, treatment and prevention of dental diseases, organization of work in dental institutions, the formation of professional skills for independent decision-making at seeing patients.

STUDENT'S RESPONSIBILITIES

During the internship the student **must**:

1. Complete the full range of tasks provided by the internship program.
2. Comply with the internal rules of procedure in the medical and preventive institutions.
3. Study and strictly observe the rules of labor protection, safety, industrial sanitation and internal regulations of the institution on the basis of which the practice is conducted.
4. Participate in scientific and practical conferences.
5. Be responsible for the assigned work and its results on an equal level with full-time employees.
6. Adhere to basic deontological principles.
7. Systematically fill in the practice diary.
8. Pass the student's internship test in time.

**I am familiar with the student's duties,
safety instructions, labor protection
at the workplace**_____

NURSING INTERNSHIP IN PEDIATRIC DENTISTRY

The purpose of the internship — is the provision of training students for professional activities, work as nurses in the children's department of the dental clinic.

A student must **know**:

- sanitary and hygienic requirements for the structure and arrangement of the children's therapeutic department of the dental polyclinic;
- the main professional duties of a nurse in the children's dental department. Safety techniques for work in a dental office;
- “sanitary and anti-epidemic regime”, basic principles and its control;
- methods of modern antiseptics and asepsics;
- modern disinfection methods in a dental office of a therapeutic profile;
- methods of modern sterilization of dental instruments;
- basic requirements for compliance with personal hygiene of medical personnel;
- conditions and terms of storage of sterile instruments and materials;
- peculiarities of providing emergency care to children in the work of pediatric therapeutic dentistry.

A student must **be able to**:

- demonstrate mastery of the moral and deontological principles of a medical specialist and the principles of professional subordination in a children's therapeutic dentistry clinic;
- determine the content of patient care and its role in the structure of general therapeutic measures;
- to determine the tasks and responsibilities of the nurse, organization of the work of the children's dental department;
- demonstrate knowledge of compliance with safety rules at the workplace; ability to complete medical documentation;
- demonstrate mastery of the skills of ensuring the sanitary and hygienic regime of the main units of the children's dental department;
- demonstrate mastery of modern antiseptics and aseptic techniques;

- demonstrate knowledge of tools for examination and treatment of dental patients;
- demonstrate the rules of disinfection and sterilization of dental instruments and equipment;
- demonstrate mastery of the skills of providing first aid in emergency situations that arise in the clinic of children’s therapeutic dentistry;
- explain the mechanisms of the effect of medicinal procedures on the patient’s body and demonstrate the simplest medical manipulations to ensure them;
- demonstrate mastery of basic methods of resuscitation measures.

**Curriculum of practical training
in nursing internship in pediatric dentistry**

Topic	Hours
1. Organization of children’s dental departments of different profiles. Professional responsibilities of a nurse in the therapeutic department of a children’s dental clinic. Safety rules for medical nursing manipulations in the pediatric dentistry clinic	4
2. Methods of aseptics and antiseptics. Methods and means of disinfection and sterilization of dental instruments and equipment. Processing of medical devices and care items	4
3. Differentiated test	2

Independent work

№	Topic	Hours
1	Preparation for practical, seminar classes (theoretical, working out practical skills, abilities), topics: 1–2	6
2	Independent study of topics that are not included in the classroom plan, topics: 1–7	14
2.1	Providing first aid to a patient with bleeding	2

№	Topic	Hours
2.2	Providing first aid in case of loss of consciousness of the patient	2
2.3	Providing first aid to a patient with Quincke's edema	2
2.4	Providing first aid to a patient with anaphylactic shock	2
2.5	Filling out the main reporting documentation — a diary of industrial practice and a final report	2
2.6	Individual work: preparation of visualization, conversations or preparation of a health bulletin and a report at clinical conferences at the bases of the department	4

List of skills and practical abilities for final control

1. Name the responsibilities of a dental nurse.
2. Demonstrate knowledge of the basics of medical ethics and deontology in dentistry.
3. Prepare the workplace of the dentist for receiving patients.
4. Prepare the patient for a dental appointment.
5. Conduct a survey of the patient and fill in the title page of the outpatient card of the dental patient.
6. Write down the dental formula (anatomical, clinical, international (according to the WHO)).
7. Write a prescription.
8. Make a referral to the X-ray room, taking into account the methods of radiography of teeth and jaws.
9. Make a referral to a physiotherapy office.
10. Issue a certificate of rehabilitation of the oral cavity.

11. Demonstrate knowledge of the rules of registration of medical documentation (filling in the journals of preventive examination, filling in statistical coupons, filling in the card of dispensary observation).
12. Prepare tools for examination of a dental patient.
13. Report information on SES regulations related to the organization of the dental clinic.
14. Explain the rules of disinfection and sterilization of used instruments depending on its type and purpose.
15. Treat dental equipment with a suitable disinfectant solution.
16. Carry out pre-sterilization preparation of dental instruments.
17. Check the quality before sterilization cleaning of medical devices (azopyramine and phenolphthalein samples).
18. Demonstrate the treatment of the working surface of the doctor's dental table, dental chairs, dental installations and equipment.
19. Control the sterilization of therapeutic instruments.
20. Demonstrate measures to prevent hepatitis, HIV and other nosocomial infections that are transmitted parenterally (hygienic hand disinfection, surgical treatment of hands).
21. Demonstrate measures for injuries, contact with blood, other biological materials of the patient.
22. Demonstrate measures for the specific prevention of parenteral infections.
23. Disinfect dental instruments.
24. Sterilize dental instruments.
25. Disinfect dental tips.

Student's report on the internship

Practical skills and manipulations	Planned	Completed
<p>1. Providing the sanitary and anti-epidemic regime in the premises of the dental clinic:</p> <p>1) Cleaning the premises:</p> <p style="padding-left: 20px;">a) current;</p> <p style="padding-left: 20px;">b) general.</p> <p>2) Processing the working surface of the dentist's table, dental chairs (after each patient).</p> <p>3) Processing of dental units and equipment</p>	<p>10</p> <p>2</p> <p>15–20</p> <p>15–20</p>	
3. Hygienic hand disinfection	5	
4. Measures for injuries, contact with blood and other biological materials of the patient	by necessity	
5. Specific prevention of parenteral infections	by necessity	
<p>6. Processing of medical devices:</p> <p>1) Disinfection of medical devices:</p> <p style="padding-left: 20px;">a) Physical method;</p> <p style="padding-left: 20px;">b) Chemical method.</p> <p>2) Pre-sterilization cleaning;</p> <p>3) Sterilization:</p> <p style="padding-left: 20px;">a) Steam method;</p> <p style="padding-left: 20px;">b) Air method;</p> <p style="padding-left: 20px;">c) Chemical method.</p> <p>4) Quality control of pre-sterilization cleaning of medical devices:</p> <p style="padding-left: 20px;">a) Azopyramine test;</p> <p style="padding-left: 20px;">b) Phenolphthalein test.</p> <p>5) Processing of individual dental kits.</p> <p>6) Disinfection of dental tips</p>	<p>10</p> <p>5</p> <p>5</p> <p>10</p> <p>10</p> <p>5</p> <p>2</p> <p>3</p> <p>20</p> <p>10</p> <p>10</p> <p>10</p> <p>10</p>	

Practical skills and manipulations	Planned	Completed
7. Assistance to the doctor in the reception of patients:	10	
1) checking the availability and shelf life of medicines in vials;	10	
2) checking the availability of tools for the reception of patients;	10	
3) kneading of filling material;	10	
4) preparing the patient in the chair and ambulatory card for a doctor's appointment	10	
8. Maintaining medical records	by necessity	
9. Providing emergency medical care		

Mark on the differentiated test _____

Lecturer's signature _____

Recommended literature

1. Медсестринство в стоматології : навч. посіб. для мед. сестер зі стоматології, гігієністів зубних, помічників лікаря-стоматолога та зубних лікарів / І. П. Мазур, Л. О. Щербак, С. В. Хлебас [та ін.] ; за ред. І. П. Мазур ; рец. : Л. В. Смаглюк, А. В. Борисенко. — К. : Медицина, 2017. — 160 с.

2. Профілактика стоматологічних захворювань : підручник для студ. стомат. факультетів закладів вищої медичної освіти / Л. Ф. Каськова, Л. І. Амосова, О. О. Кулай [та ін.] ; за ред. проф. Л. Ф. Каськової ; УМСА. — Стереотипне видання. — Львів : ПП «Магнолія 2006», 2019. — 404 с.

3. Сестринство в стоматології : навч. посіб. / за заг. ред. проф. М. Д. Короля. — Полтава : ФОП Мирон І. А., 2019. — 312 с.

4. Терапевтична стоматологія дитячого віку : підруч. Т. 2 / Л. О. Хоменко, Ю. Б. Чайковський, О. В. Савичук [та ін.] ; за ред. проф. Л. О. Хоменко. — К. : Книга плюс, 2016. — 328 с.

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FOR NOTES

Навчальне видання

**ЩОДЕННИК ВИРОБНИЧОЇ ПРАКТИКИ
З СЕСТРИНСЬКОЇ СПРАВИ
У СТОМАТОЛОГІЇ ДИТЯЧОГО ВІКУ**

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Укладачі:

О. Деньга, І. Тарасенко, Ж. Новікова,
М. Коновалов, В. Гороховський, Л. Цевух

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Одеський національний медичний університет
65082, Одеса, Валіховський пров., 2.
тел: (048) 723-42-49, факс: (048) 723-22-15
e-mail: office@onmedu.edu.ua
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