

MINISTRY OF HEALTH OF UKRAINE
Danylo Halytskyi Lviv National Medical University

Department of Surgical Dentistry and Maxillo-facial Surgery
Head of Department –Professor Yan Vares

DIARY
FROM NURSING IN SURGICAL DENTISTRY
MANUFACTURING PRACTICE

Last name _____

First name _____

Year _____ Group _____

EXPLANATORY NOTE

Manufacturing practice is conducted in accordance with the curriculum for dentists and the program of practice on II year of study after the end of the spring semester session. The volume of manufacturing practice in surgical dentistry is the one credit (1 week).

During the manufacturing practice, students perform the duties of junior and middle medical of the departments and offices of surgical dentistry of regional, city and district health care facilities. Students work 6 hours a day for 5 days. The department should schedule students. Base practice supervisor of students practice is the chief medical nurse of the department.

Before starting the manufacturing practice, the student must be instructed by the University practice manager, receive the program and diary of the internship and referral to the practice.

After arrival to the Base of practice, the student must submit to the Base practice manager the diary of practice, undergo safety training, and clarify the plan of practice.

During the practice the student must strictly follow the rules of internal regulations of health care institution.

Practical training of student is evaluated on a four-point system and taken into account when awarding a scholarship along with other subjects of the curriculum.

A student who does not meet the requirements of the manufacturing practice and received a negative feedback on the work or an unsatisfactory grade during the defense of the report is subject to expulsion from the university.

The purpose of nursing practice dental surgery is to secure knowledge and practical skills gained in the study of fundamental and professional disciplines, formation and development of the students' professional ability to make independent decisions. To achieve the purpose of the practice, the ultimate goals of practice are formulated.

Final Goals of Nursing in Surgical Dentistry Medical Practice:

- Master the basic provisions of ethics and deontology in surgical dentistry and maxillofacial surgery;
- Know the hygiene requirements for the structure and arrangement of the department of surgical dentistry and maxillofacial surgery;
- Master the methods and means of aseptic and antiseptic;
- Declare the rules of operating room;
- Be able to organize the work of aseptic and septic dressing rooms;
- Demonstrate the preparation of dressings, operating clothes, surgical instruments;
- Learn the methods of preparation of the hands of the surgeon and operational field; demonstrate imposition of aseptic dressings; explain the features of the care of patients after operating interventions in maxillofacial area;
- Organize preparation of the patient to the planned and urgent surgery;
- Master the technique of imposition of the bandages on the face and neck;
- Learn the technique of intravenous, intramuscular and subcutaneous injections;
- Learn the rules of preparation of the solutions for emergency aid;
- To organize care for patients after surgical intervention; interpret the general principles of treatment of patients with various defects of hard tissue, dentition and other pathology of maxillo-facial area.

PRACTICE SCHEDULE

№	Topic	Hours	Date	Done	Signature
1	Organization of surgical dental care. Introduction to the structure of the surgical department of the dental clinic and the department of maxillofacial surgery of the clinical hospital. Equipment, documentation of the outpatient dental office and MFS department.	6			
2	Methods of examination of the maxillofacial area and neck.	6			
3	Functional responsibilities of the medical staff in the surgical department.	6			
4	Asepsis and antiseptics in surgical dentistry.	6			
5	Organization of work in the operating room. Types of operating room cleaning. Organization of work in a clean dressing room. Equipment	6			
6	Methods of making napkins, tampons, gauzes. Disinfection and pre-sterilization of dressings, surgical linen and instruments.	6			
7	Types of sterilization and its control. Preparation of a sterile table. Ways of spreading the infection and ways to prevent them. Prevention of socially significant infections.	6			
8	Preparation of the surgeon's hands and operating field. Means used for treatment of the operating field in maxillofacial surgery.	6			
9	Types of surgical interventions in surgical dentistry and maxillofacial surgery. Preparation of patients for operations: skin care, hair shaving, sanitation of the oral cavity, requirements for underwear and clothing of patients, nutrition, medical manipulations.	6			
10	Features of desmurgia in maxillofacial surgery (applying bandages on the face and neck). Types of manipulations performed in the aseptic dressing room. Types of dressings, its purpose.	6			
11	Basic principles of patient care in the postoperative period. Nutrition of patients in the maxillofacial department.	6			
12	Methods of intravenous, intravenous, subcutaneous injections. Preparation of solutions for emergency care.	6			
13	Antiseptics. Care for patients with purulent pathology. Types of antiseptics, indications for their use.	6			
14	Drainage of purulent wounds. Types of drainages.	6			
15	Features of bandaging in patients with purulent wounds. Disposal of dressings contaminated with purulent exudate.	4			
16	Final lesson	2			

CONTENTS OF PRACTICE

Abilities and Practical Skills

1. To hold the current cleaning
2. Perform general cleaning
3. Perform cleaning of the working surface of doctor's dental table and dental unit (after each patient)
4. Make dental treatment plants and equipment
5. To carry out disinfection of medical devices by chemical method
6. Perform pre-sterilization cleaning
7. Carry out sterilization by steam method
8. Carry out sterilization by air method
9. Carry out sterilization by chemical method
10. Perform quality control of pre-sterilization cleaning - azopiram indicator test
11. Perform quality control of pre-sterilization cleaning - phenolphthalein indicator test
12. To carry out the processing of individual dental kits
13. To carry out disinfection of dental handpieces
14. Run subcutaneous injection
15. Run intramuscular injections
16. Run intravenous injections
17. Make a dilution solution for emergency aid
18. Conduct the preparation of the instruments for the reception of patients
19. Assist to the doctor during tooth extraction
20. Conduct preparation of the patient in the dental unit before seeing a doctor
21. Fill in the ambulatory card of the patient
22. Fill the journal of preventive inspection
23. Fill the statistical card
24. Fill the card of dispensary observation

Practical skills evaluation criteria:

"5" points - gets a student who outlined the proposed writing the number of manipulations and thoroughly described them at high theoretical level.

"4" points - gets a student who outlined the proposed writing the number of manipulations and gave them a theoretical description, but admitted with minor errors.

"3" points - gets student who outlined the proposed writing the number of manipulations and gave them a theoretical description, but admitted with significant errors.

A skill is not considered to be passed if the student orally or in writing outlined the proposed manipulation and / or did not provide her adequate theoretical description.

DIARY

Date, working hours		Manager signature
1	2	3
	<i>A list of executed manipulation and tasks defined in parentheses the number, the names of the dental department, where they are directly implemented</i>	

**List of Abilities and Practical Skills at the Time of
Medical Practice of Surgical Dentistry**

	Practical skills and manipulations	Planned	Performed	Mark in points (3-5)
---	Days worked.	5		-----
1.	Routine cleaning	4-8		
2.	General cleaning	1-2		
3.	Cleaning of the working surface of dental units, dental chairs (after each patient)	5-10		
4.	Preparing of dental units and equipment	5		
5.	Disinfection of medical devices chemical method	5		
6.	pre-sterilization cleaning	1		
7.	Sterilization - steam method	1		
8.	Sterilization - air method	1		
9.	Sterilization - chemical method	5		
10.	Quality control of pre-sterilization cleaning - azopiram indicator test	1		
11.	Quality control of pre-sterilization cleaning - phenolphthalein indicator test	10		
12.	Processing of individual dental kits	10		
13.	Disinfection of dental handpieces	3-5		
14.	Performing of subcutaneous injection	3-5		
15.	Performing of intramuscular injections	3-5		
16.	Performing of intravenous injections	3-5		
17.	Preparing of solutions for emergency aid	2-5		
18.	Training tools for patients receiving	2-5		
19.	Assisting to a doctor with tooth extraction	2-5		
20.	Preparing of the patient in the chair to accept the doctor	5-10		
21.	Filling of ambulatory patient cards	5		
22.	Filling of journals of routine inspection	1		
23.	Filling of statistical cards	1		
24.	Filling of the card of dispensary observation	5		
Total points (72-120)				

Note: The amount of points for mastering of practical skills is approved by a health care facility stamp

Base practice manager _____
(initials, signature)

Base practice supervisor _____
(initials, signature)

Concluding session (control credit)

Final control students make up at the last day of practice committee, comprised of leaders from the University and, were present on bases of practice.

Concluding session of medical practice students of the 2nd course provides theoretical description and demonstration of skills and practical skills from the list. To make up practice on the final lesson may a student who 100% completed the program of practical training, provided reasonable answers to questions about the contents of the diary, and scored the minimum score on the ongoing practical training (72 points), presented a report on the practice and positive characteristics of general manager the base practices.

The list of questions submitted to final control:

- Methods of prevention of the spread of nosocomial infection and measures to maintain body hygiene of surgical patients and medical staff, hygiene of linen and clothing of patients.
- Medical manipulations: thermometry, change of bed and underwear, care of probes and drainages. Measures to prevent possible complications in operated patients.
- How to perform intravenous, intramuscular, subcutaneous injections.
- Rules of preparation of solutions for first aid.
- Features of nutrition of patients after surgical interventions in maxillofacial
- Pulse examination and measurement of blood pressure and body temperature.
- Preparation of disinfectant solutions and sanitation of premises.
- Preparation of disinfectant solutions and preparation for disposal of used disposable instruments and dressing material.
- Disinfection and sterilization of used surgical instruments.
- Preparation of dressing material, its laying for sterilization.
- Preparation and application of antiseptic solutions in patients with purulent wounds.
- Control of pre-sterilization preparation of instruments.
- Preparation of patients for operations: skin care, shaving hair, rehabilitation of the oral cavity, requirements for linen and clothing of patients, nutrition, medical manipulations.
- Bandaging patients after maxillofacial surgery.
- Surgeon's and surgical field treatment.
- Sterile table preparation.
- Surgical sterile covers imposition.

Evaluation criteria of the practice final control:

The final lesson students' practical training 2nd year solution provides 20 tests, including questions and case studies of the content production practices

Number of points for the final lesson is set in accordance with the provisions of the existing 50 to 80 points.

Final control

Task	Points (from 50 to 80)	Date	University practice manager signature
Solving situational tests			

The mark for practice is the sum of scores for performance student practical skills that are tested supervisor of base practices (maximum 120 points - minimum 72 points) and points for the final control, offered during the differentiated credit (maximum 80 points - minimum 50 points).

Base practice manager _____
(*name, surname; signature*)

Base practice supervisor _____
(*name, surname; signature*)

NOTE. When writing a review of the diary the responsible person should reflect the following indicators: the level of theoretical knowledge of student, mastery of practical skills, knowledge of recipes, adherence to ethics and deontology, the student's attitude to mastering new practical skills, knowledge of medical records and diary.

Mark for the practice _____
(*in words*)

« _____ » _____ 20 _____.
(*date of the defense of the practice*)

University practice manager _____
(*name, surname, signature*)

