

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 MANUFACTURING MEDICAL
PRACTICE OF SURGICAL DENTISTRY

Last name _____

First name _____

Year _____ Group _____

Student _____

(Full name)

underwent surgical dentistry medical practice as an assistant of dental (oral) surgeon at _____

(Name of the clinic, unit or another healthcare facility)

in _____

(Country, district or region, city)

Practice: from ____ . ____ till ____ . ____ 20__ year.

University practice manager _____

(position, full name, signature)

Base practice manager _____

(position, full name, signature)

Base practice supervisor _____

(position, full name, signature)

Check in " ____ " _____ 20__ p.

Check out " ____ " _____ 20__ p.

A person in charge

(signature)

Place for seal

EXPLANATORY NOTE

Practical training is conducted in accordance with the curriculum for dentists and the program of practice on IV year of study after the winter session. The volume of medical practice in surgical dentistry is the three credits (two weeks).

During the practice students carry out the duties of assistant of surgeon at the dentist offices and dental surgery offices of regional, city and district health facilities. Students work 6 hours a day for 10 days. The department should schedule students. Immediate supervisor of students practice is the dental surgeon.

Student prior to the departure to the practice should undergo University practice manager training, receive the program and the diary of practice, reference for practice.

A student arriving at health care institution must submit to the Base practice manager the diary of practice, undergo safety training, and clarify the plan to practice.

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

The student's industrial practice is assessed by a 200 point system and is taken into account when awarding scholarships along with other disciplines of the curriculum.

A student who has not complied the requirements of practice and got a negative practice review or negative mark during defense of practice must be expelled from the University.

The purpose of medical practice dental surgery is to consolidate knowledge and practical skills obtained in the discipline, the formation and development of students' professional ability to make independent decisions in the field of dental surgery. To achieve the goal formulated final objectives practices, and on their basis - specific tasks in the form of certain abilities (actions).

PRACTICE SCHEDULE

№	Topic	Hours	Date	Done	Signature
1.	The structure and organization of surgical dental aid to population of Ukraine. Introducing the work of dental-surgeon. Identifying risk factors for major dental diseases depending on anatomical and physiological characteristics of the maxillofacial area.	6			
2	Methods of patient examination. Algorithm of dental examination in patients with surgical dental pathology. Subjective and objective methods of diagnosis.	6			
3	Dental instruments recommended to perform surgical procedures in the oral cavity. Sanitary-epidemiological requirements of dental- surgeon.	6			
4	Methods of local anesthesia in an outpatient surgical procedures on the upper and lower jaws.	6			
5	Methods of typical and atypical tooth removal on the upper and lower jaws.	6			
6	Indications and contraindications for surgery in an outpatient surgical dental practice. Methods of surgical interventions: periostotomy at subperiostal abscess, alveolotomy, resection of the root apex, hemyseccion, crown-radicular separation, extraction.	6			
7	Methods of examination of the patients with traumatic injuries of maxillo-facial area.	6			
8	Methods of surgical interventions in patients with traumatic injuries of maxillo-facial area.	6			
9	Complications of teeth extraction (bleeding, alveolitis, alveoloneuritis). Their treatment and prevention and traumatic injuries of the maxillo-facial area (scars, traumatic osteomyelitis, traumatic maxillary sinusitis, etc.). The algorithm of dental surgeon actions at the outpatient reception.	6			
10	Postoperative treatment of patients with traumatic injuries and inflammatory diseases of the maxillofacial area.	4			
11	Final lesson	2			

CONTENTS OF THE PRACTICE

List of practical skills and abilities for the duration of the manufacturing practice

"Surgical Dentistry Medical Practice"

1. To demonstrate the ability to apply the principles of medical deontology in surgical dental practice.
2. To demonstrate the skills in modern methods and principles of sanitary-educational work.
3. To identify the main structural units of the organization of dental surgical care for the population of Ukraine.
4. To demonstrate the ability to collect complaints and anamnesis.
5. To demonstrate the ability to complete medical records.
6. To carry out palpation of inflammatory diseases, injuries of the soft tissues and bones of maxillofacial area.
7. To be able to take a smear, a print for cytological examination.
8. To be able to perform local anesthesia of the maxillofacial area (application, infiltration).
9. To be able to perform conductive anesthesia on the upper jaw.
10. To be able to perform conductive anesthesia on the lower jaw.
11. To be able to perform a typical tooth extraction.
12. To be able to perform atypical tooth extraction.
13. To be able to perform extraction teeth with partial and full retention.
14. To be able to open subperiosteal abscesses.
15. To be able to open the inflammatory processes of the soft tissues.
16. To demonstrate dissection or excision of the mucous membrane in case of the pericoronitis.
17. To be able to provide removal of sequestrers in case of limited osteomyelitis.
18. To be able to stop bleeding after tooth extraction.
19. To be able to perform tamponade or suturing of the alveolar socket in case of perforation of the maxillary sinus.
20. To be able to make a puncture in the inflammatory processes of the maxillofacial area.
21. To be able to perform surgical treatment of chronic periodontitis (resection of the apex, hemisection, amputation, coronary-radicular separation, replantation).
22. To be able to perform probing of the salivary fistula, ducts of salivary glands, removal of salivary stones from the ducts.
23. To be able to perform surgical treatment in case of trauma of the teeth and soft tissues of the maxillofacial area.
24. To demonstrate the methods of providing of the first aid – artificial respiration, closed heart massage.

Practical skills evaluation criteria:

“5” points – receives a student who has written the proposed manipulation and thoroughly described it at a quite high level of theoretical and practical mastering of skills and fully demonstrated them.

“4” points – receives a student who has written the proposed manipulation and gives theoretical description, admitted with insignificant mistakes. Volume demonstration of the practical skills was sufficient.

“3” points – receives a student who has written the proposed manipulation and gives theoretical description, admitted with serious mistakes. The student has demonstrated only the simplest level of performance of the practical skills.

Practical skills are not counted to the student, who did not set out the essence of the practical skills in written form and / or hasn't provided its adequate theoretical description. The student didn't learn practical skills during the practice.

№	Date	Patient's name, last name age	I, II	Complaints and medical history	Objective examination and dental formula	Diagnosis in native and English Languages	Treatment (what is done, the stages of treatment, the specification of medications)	Manager signature
1	2	3	4	5	6	7	8	9
1	Example 20.01	Example Karpenko Sergiy, 34 years	1	Example Painful swelling in the area of 36 tooth, appeared 2 days ago, gradually increased. Pain when biting on 36 tooth.	Example The face is asymmetrical due to the swelling of the left cheek. Crown 36 is destroyed. The mucous membrane in the area of 36 tooth is hyperemic, transitory fold is smooth and painful on palpation, fluctuation symptom is positive.	Example Acute purulent odontogenic periostitis of the mandible in the area of 36 tooth	Example Mandibular and infiltration anesthesia Sol. Ubistesini 4% - 1.8. Periostotomy 2 cm long within 35-37 teeth. The wound was washed with 3% H ₂ O ₂ and drained with rubber stripe. Medication: Klyndamicin 0,3 g 2 times per day for 5 days per os; Linex 2 kaps. 3 times per day 7 days per os; Nimesyl 1-2 packs per day 2 days per os; Rinsing of the oral cavity by hypertonic sodium solution 4-5 times per day. Second visit in 2-3 days	

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

№	Abilities and Practical Skills	Points (from 3 to 5)	Base Manager Signature
1.	To demonstrate the ability to apply the principles of medical deontology in surgical dental practice.		
2.	To demonstrate the skills in modern methods and principles of sanitary-educational work.		
3.	To identify the main structural units of the organization of dental surgical care for the population of Ukraine.		
4.	To demonstrate the ability to collect complaints and anamnesis.		
5.	To demonstrate the ability to complete medical records.		
6.	To carry out palpation of inflammatory diseases, injuries of the soft tissues and bones of maxillofacial area.		
7.	To be able to take a smear, a print for cytological examination.		
8.	To be able to perform local anesthesia of the maxillofacial area (application, infiltration).		
9.	To be able to perform conductive anesthesia on the upper jaw.		
10.	To be able to perform conductive anesthesia on the lower jaw.		
11.	To be able to perform a typical tooth extraction.		
12.	To be able to perform atypical tooth extraction.		
13.	To be able to perform extraction teeth with partial and full retention.		
14.	To be able to open subperiosteal abscesses.		
15.	To be able to open the inflammatory processes of the soft tissues.		
16.	To demonstrate dissection or excision of the mucous membrane in case of the pericoronitis.		
17.	To be able to provide removal of sequestrers in case of limited osteomyelitis.		
18.	To be able to stop bleeding after tooth extraction.		
19.	To be able to perform tamponade or suturing of the alveolar socket in case of perforation of the maxillary sinus.		
20.	To be able to make a puncture in the inflammatory processes of the maxillofacial area.		
21.	To be able to perform surgical treatment of chronic periodontitis (resection of the apex, hemisection, amputation, coronary-radicular separation, replantation).		
22.	To be able to perform probing of the salivary fistula, ducts of salivary glands, removal of salivary stones from the ducts.		
23.	To be able to perform surgical treatment in case of trauma of the teeth and soft tissues of the maxillofacial area.		
24.	To demonstrate the methods of providing of the first aid – artificial respiration, closed heart massage.		
Total points for mastering practical skills (72-120):			

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

Base practice manager _____
(name, surname; signature)

Base practice supervisor _____
(name, surname; signature)

Final Lesson (control credit)

The final control of students is made on the last day of the practice by the commission which consists of the heads of practice from the University and, if possible, from the bases of practice. A student who has 100% completed a manufacturing practice program, provided justified answers to diary questions, scored a minimum of 72 points for the current practice, submitted a practice report and got a positive characteristic of a general manager from the base of practice is allowed to defend the practice at the final lesson. .

The list of questions submitted to final control:

1. Full retention and dystopia of 38 tooth with a 90° incline in the medial side
2. Vestibular dystopia of 13 tooth outside of the dental arch
3. Acute serous periodontitis of 26 tooth
4. Acute purulent periodontitis of 37 tooth
5. Acute purulent periodontitis of 44 tooth
6. Acute purulent periodontitis of 22 tooth
7. Acute purulent periodontitis of 15 tooth
8. Chronic granulomatous periodontitis of 21 tooth
9. Chronic granulating periodontitis of 14 tooth
10. Chronic granulomatous periodontitis of 36 tooth (distal root)
11. Chronic granulomatous periodontitis of 27 tooth (distal buccal root)
12. Chronic fibrous periodontitis of 45 tooth
13. Acute serous pericoronitis in the area of 38 tooth
14. Acute purulent pericoronitis in the area of 48 tooth
15. Acute serous periostitis in the area of 35 tooth
16. Acute purulent periostitis in the area of 22 tooth
17. Acute purulent periostitis in the area of 26 tooth
18. Odontogenic abscess of the right suborbital area
19. Odontogenic abscess of the left sublingual grove
20. Acute epidemic parotitis
21. Acute serous lymphadenitis of the left submandibular area
22. Acute serous lymphadenitis of the left parotid-masseteric area
23. Furuncle of the left upper lip
24. Exacerbation of the left-sided chronic odontogenic maxillary sinusitis
25. Exacerbation of chronic salivary stone disease of the right submandibular salivary gland
26. The bited wound of the left cheek that penetrates into the oral cavity (an unknown dog)
27. The cut wound of the left suborbital area
28. The bited wound of the upper lip (unknown dog)
29. The ruptured wound of the upper lip
30. The ruptured wound of the right cheek that does not penetrate into the oral cavity
31. The abrasion of the mental area
32. Thermal burn of the 1st degree of the left buccal area
33. Thermal burn of the 2nd degree of the left buccal area
34. Thermal burn of the 3rd A degree of the left buccal area
35. Chemical burn of the 2nd degree of the right buccal area (concentrated sulfuric acid)
36. Traumatic incomplete dislocation of 21 tooth

37. Traumatic impacted dislocation of 11 tooth
38. Traumatic full dislocation of 21 tooth
39. Traumatic transverse fracture of the root of the tooth in the area in the apical third
40. Traumatic longitudinal fracture of the root of the tooth
41. Traumatic fracture of the alveolar process of the upper jaw within 14 - 21 teeth
42. Traumatic fracture of the alveolar appendix of the mandible in the range of 43 - 33 teeth
43. Traumatic central fracture of the lower jaw without displacement of the fragments
44. Traumatic fracture of the lower jaw in the area of the angle on the left with the displacement of the fragments
45. Traumatic bilateral fracture of the lower jaw in the area of the left corner and mental affair with the displacement of the fragments
46. Le Fort I traumatic fracture of the upper jaw
47. Le Fort II traumatic fracture of the upper jaw for
48. Bilateral anterior dislocation of the lower jaw
49. Traumatic fracture of the right zygomatic bone with displacement
50. Traumatic fracture of the left zygomatic arch with displacement

Evaluation criteria of the practice final control:

Concluding lesson of medical practice for students of the 4th year involves solving of two situational tasks, including description of theoretical and demonstration of practical skills:

Practical skill 1 -	collecting of complaints, medical history.
Practical skill 2 -	examination of the patient, instrumental examination, interpretation of additional methods of examination.
Practical skill 3 -	setting of preliminary diagnosis, plan of treatment and filling in the appropriate documentation.
Practical skill 4 -	performing of medical manipulations.
Practical skill 5 -	appointment of postoperative treatment, recommendations..

Number of points for final lesson is charged according to the existing provision from 50 to 80 points and consists of the sum of scores for both situational tasks. The possible number of points for a situational task is from 25 to 40 and consists of an amount of points for each of the five practical skills.

8 points – receives a student who has written the proposed manipulation and thoroughly described it at a quite high level of theoretical and practical mastering of skills and fully demonstrated them.

7 points – receives a student who has written the proposed manipulation and gives theoretical description, admitted with insignificant mistakes. Volume demonstration of the practical skills was sufficient.

6 points – receives a student who has written the proposed manipulation and gives theoretical description, admitted with serious mistakes. The student has demonstrated only the simplest level of performance of the practical skills.

5 points – receives a student who has written the proposed manipulation and gives theoretical description with significant mistakes. The student was unable to demonstrate practical skills

Practical skills are not counted to the student, who did not set out the essence of the practical

