**Ministry Of Health Of Ukraine**

**Donetsk National Medical University**

**Department of surgical disciplines № 2**

**DIARY**

**OF MANUFACTURING MEDICAL PRACTICE**

**surgery**

(name of the discipline)

**Student of higher education**

**Faculty Course Group**

Department of surgical disciplines № 2

educational level

branch of knowledge

specialty

educational qualification

professional qualification

educational and professional program

form of education

second (master`s) level of higher education

22 «Health Care»

222 «Medicine»

Master degree in Medicine

physician

«Medicine»

full-time

Lyman - 2022

***The terms of the practice: since 20 till 20***

**Thematic plan of practical classes by modules and content modules**

**with an indication of the main issues considered at**

**practical training**

|  |  |  |
| --- | --- | --- |
| № | Topic | Hours |
| **Content module I: Basic duties and professional actions of a surgeon in a hospital department.** | | |
| 1. | Principles of organization of planned and emergency surgical care in Ukraine. | 1 |
| 2. | Clinic, diagnosis and treatment tactics in surgical pathology in hospital conditions. | 1 |
| 3. | Improving the skills of clinical, laboratory and instrumental diagnostics in the conditions of a surgical hospital. | 1 |
| 4. | Improving the provision of emergency medical care for urgent surgical diseases. | 1 |
| 5. | Principles of ethics and deontology in the practice of a doctor in a surgical department. FC | 1 |
|  | **Total:** | **5** |

**A list of theoretical questions for the preparation of students of higher education**

**for the final modular control**

**Thematic plan of students independent work of higher education**

|  |  |  |
| --- | --- | --- |
| **№** | **Topic** | **Hours** |
|  | **Content Module I :** **The main duties and professional actions of the doctor of the surgeon in a hospital department** |  |
| 1 | Evaluation of the data of anamnesis, physical examination: examination of the patient, palpation, percussion, auscultation, rectal examination. | 2 |
| 2 | Analysis of laboratory and instrumental results  studies (radiography, ultrasound, CT, fibrogastro-  duodenoscopy, colonoscopy). | 6 |
| 3 | Justification and formulation of the clinical diagnosis,  differential diagnosis of diseases of the abdominal cavity. | 2 |
| 4 | Determination of the plan for conservative and operative treatment depending on pathogenetic factors and the severity of the patient's condition. | 4 |
| 5 | Peculiarities of assistance during emergency and planned operations. | 6 |
| 6 | Peculiarities of assistance in the dressing room: wound care, drains, dressing change, drain removal, suture removal, wound debridement, surgical treatment of purulent foci. | 6 |
| 7 | Providing emergency care for bleeding, septic and hemorrhagic shock; correction of water-electrolyte disorders and acid-base status, etc. | 9 |
|  | **Total:** | **35** |

**Manufacturing medical practice in surgery.**

Main duties and professional actions of the doctor in the surgical department of the hospital

- principles organization of planned and emergency surgical care in Ukraine;

- improvement of skills of clinical, laboratory and instrumental diagnostics and tactics of treatment of the main surgical diseases in the conditions of a hospital;

- mastering the skills of providing emergency medical care for urgent surgical diseases;

- application of the principles of ethics and deontology in the practice of the doctor of the surgical department.

**A list of practical skills that a student of higher education should master when studying the module**

1. Clinical, laboratory and instrumental diagnosis of the main surgical diseases in hospital conditions.

2. Interpretation of data from laboratory tests of blood, urine, ultrasound of abdominal organs, blood vessels, radiography, ultrasound, CT, fibrogastroduodenoscopy, colonoscopy.

3. Diagnosis and choice of treatment tactics.

4. Primary surgical treatment of wounds. Peculiarities of assisting in the dressing room: wound care, drains, changing bandages, removing drains, removing sutures, debridement of the wound, surgical treatment of the purulent focus.

5. Provision of emergency care for bleeding, septic and hemorrhagic shocks; correction of water-electrolyte disorders and acid-base status, etc.

6. Preparation of medical documentation

**Individual work**

The main types of independent work of students of higher education during manufacturing medical practice in **surgery** are:

– extracurricular preparation for practical classes and final module control;

- mastering the practical skills of a doctor in a surgery department;

- work in the surgery department;

|  |  |  |
| --- | --- | --- |
| Manufacturing medical practice in **surgery** | | |
| 1. | Preparation for practical classes | 10 |
| 2. | Work in a surgical hospital to learn and practice practical skills | 5 |
| 3. | Completion of the main reporting documentation – the Manufacturing Practice Diary and the Final Report | 11 |
| 4. | Preparation for the final modular control | 4 |
| Total for Module | | 30 |

«**APPROVED»**

On the meeting of the surgical department №2

Acting Head of the department

Sobchenko D.A.

Protocol № \_\_\_\_ \_\_\_\_\_\_\_\_\_\_ 2022

**Календарний графік проходження практики**

|  |  |  |  |
| --- | --- | --- | --- |
| № | Date | Names of Works | Evaluation of completion(points) |
| 1. | 01.08.2023 | Principles of organization of planned and emergency surgical care in Ukraine. |  |
| 2. | 02.08.2023 | Clinic, diagnosis and treatment tactics in surgical pathology in hospital conditions. |  |
| 3. | 03.08.2023 | Improving the skills of clinical, laboratory and instrumental diagnostics in the conditions of a surgical hospital. |  |
| 4. | 04.08.2023 | Improving the provision of emergency medical care for urgent surgical diseases. |  |
| 5. | 05.08.2023 | Principles of ethics and deontology in the practice of a doctor in a surgical department. FC |  |

The Heads of the practice:

from institution of higher education

(signature) (surname and initials)

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**Sample work records during manufacturing practice**

**in surgery**

|  |  |  |
| --- | --- | --- |
| Date,working hours | Content of the performed work | Actions performed |
| since till | A sample of the examination diary of a surgery patient in a hospital. | Diagnosis: Purpose (correction of treatment): Taking arterial blood pressure(4) Assessment of clinical, biochemical, and bacteriological tests of the blood(10), urine(10), faeces, sputum(1), stomach acid(1), and assessment of duodenal investigations, and pH-tests(1) ECG analysis and interpretation(10) Analysis of X-ray findings(3) |
|  | Complaints: thirst, dizziness, dry mouth, palpitations, headache in the back of the head. |
|  | The skin is pale pink, moderately dry. Visible mucous membranes are clean, moist. |
|  | Percussion sound during comparative lung percussion is clear. Breathing is hard in the lungs. respiratory rate 16, SPO2 97%. |
|  | Tones of the heart are sonorous, rhythmic. Accent of 2 tones on the aorta, mesosystolic murmur at the auscultation point of the aortic valve. BP S 160/100 mm Hg. AT D 150/100 mm Hg. Pulse 100 beats per minute. |
|  | Abdomen is soft and painless. The liver near the edge of the costal arch, soft and elastic, painless. |
|  | Pasty feet. Stool and diuresis without features. |
|  | Diagnosis: Purpose (correction of treatment): |
| Since till |  |
| Since till |  |

7

|  |  |  |
| --- | --- | --- |
| Since till |  | Student of higher education  Supervisor of the practice  Head from the academy |

**Work Records**

|  |  |  |
| --- | --- | --- |
| Date,working hours | Content of the performed work | Signatures |

8

9

10

11

12

**Final report on the work performed during the manufacturing practice**

**”Main duties and professional actions of the doctor of the surgical department of the hospital. ”** type and name of practice

Higher education applicant course \_ faculty group

|  |  |  |
| --- | --- | --- |
| List of skills and abilities | Number of skills | |
| plan | completed |
| 1. Daily cure of patients in a hospital, (Palpation of  chest, joints, lymph nodes, thyroid gland, mammary glands, abdomen, blood vessels; percussion of the lungs, abdomen; auscultation of the lungs, blood vessels and abdomen). | 4–6–8 |  |
| 2. Examination of patients, formulation of clinical diagnosis, preparation of medical history. | 4–6–8 |  |
| 3. Shifting in the department on an emergency day or intensive care unit, trauma center; (work in the unit – grade 3; duty in the unit grade 4, duty in the department on an urgent day – grade 5) | 1 |  |
| 4. Peculiarities of assistance during emergency and planned operations. | 3–4–5 |  |
| 5. Evaluation of clinical tests (general blood and urine analysis) and biochemical blood tests (total bilirubin and fractions, blood proteins, amylase, blood electrolytes, coagulogram, etc.) in the surgical department. | 10–15–20 |  |
| 6. Evaluation of instrumental examination data (X-ray, CT, sonography of abdominal organs, fibrogastroduodenoscopy, colonoscopy, etc.) in the surgical department. | 10–15–20 |  |
| 7. Peculiarities of assistance in the dressing room: wound care, drainage, dressing changes, surgical treatment of purulent wounds. | 1–3–5 |  |
| 8. Assisting in the dressing room: wound care, suture removal. | 1–3–5 |  |
| 9. Participation in the preparation of the patient for surgery; (venipuncture, determination of blood group, rhesus type, testing for individual and biological compatibility, transfusion of blood components and blood substitutes). | 4–6–10 |  |
| 10. Participation in the provision of emergency care for bleeding, septic and hemorrhagic shock; correction of water-electrolyte disturbances and acid-base status, etc., digital examination of the rectum, catheterization of the urinary bladder with a soft catheter. | 1–3–5 |  |

Signature of the higher education applicant

Signature of the lecturer

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**Feedback and evaluation of student work in practice**

**(name of the company, establishment)**

Head of the Practice from the Hospital

(signature) (surname, initials)

Stamp

« » 20

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**Results of Final Module Control**

|  |  |  |
| --- | --- | --- |
| № | Completed Task | Evaluation in points |
| 1 | Demonstration of the methodology and technique of performing practical skills |  |
| 2 | Solving typical situational tasks |  |
| 3 | Solving test tasks |  |
| Total number of points for FMC | |  |

Date of the credit „ ” 20

16

17

**Work records during the practice**

|  |  |  |
| --- | --- | --- |
| Date,  Working hours | Content of the performed work | Signatures |
|  |  |  |

**Work records during the practice**