

THE CALENDAR-THEMATIC PLAN

"Professional practice (practice on obtaining professional skills and experience of professional activity in the positions of nursing staff (operative unit))" for students of the educational program of the specialty 31.05.01 General Medicine, profile General Medicine, full-time form of study for the 2023-2024 academic year

№	THEMATIC BLOCKS ¹	Hours(academic)
1.	INTRODUCTION TO THE PRACTICE. ² Introduction to the practice base, responsible for the practice from the Department of General Surgery and VolgSMU, senior nurses of the operating unit of the medical institution where the practice is conducted. Carrying out organizational activities; handing over medical books to the teacher responsible for the practice; distribution by databases; drawing up an internship plan; receiving and completing individual assignments. Familiarization with safety techniques (introductory safety instruction, primary workplace instruction, fire safety instruction, antiviral safety instruction in the context of the spread of new coronavirus infection (COVID-19)). ³	3
	An individual task	6
2.	ORGANIZATION OF THE OPERATIVE UNIT OF THE HOSPITAL. ² The structure and organization of the operation unit of the clinic. Planning and equipment requirements. The operating room system. Providing systems (lighting, ventilation, power systems, etc.) Communication system. The necessary set of equipment. Justification of the patient's transferring in the operating unit and directions of the flow of staff movement, documentation. The schedule of work of the operating unit employees, a brief description of their. ³	3
	An individual task	6
3.	THE WORK OF A NURSE IN THE OPERATING UNIT. ² Organization of professional activities of operating nurses. Features of the work of a nurse in the conditions of the operating unit. The rights and duties of an operating nurse. Principles of ethics and deontology in the work of an operating nurse. The essence and characteristics of the operational process. Workplace organization. Clinical hygiene of medical staff in the operating unit. ³	3
	An individual task	6
4.	CLINICAL HYGIENE OF THE OPERATING UNIT. ² The principle of zoning in the operating unit. Ventilation, sterilization of air. Types of cleaning. Disinfectants used in cleaning the operating unit. Wearing overalls. Handwashing. The order and preparation of tables for dressings and operations, their marking. Participation in the preparation of dressings, clothes, gloves and placing them in boxes for sterilization. Sterilization: definition, purpose, methods, modes, sterility control. Storage of sterile boxes, their labeling, transportation rules. ³	3
	An individual task	6
5.	THE ACTIVITY OF THE OPERATING NURSE. ² Algorithms of actions in preparation for surgery; during surgery; in the postoperative period. Definition of the operation. Classification of surgical operations, their characteristics. Types of laying the patient on the operating table. The main operational approaches, their anatomical and physiological justification. Patient safety rules in the operating room. Preparing of the operational field. Tools for preparing the operational field. Principles of preparing the operating field according to Filonchikov-Grossich. ³	3
	An individual task	6
6.	THE ACTIVITY OF THE OPERATING NURSE. ² The concept of surgical instruments. Classification of surgical instruments. Safety rules when working with cutting and stabbing tools. Development of professional skills of an operating nurse with various surgical instruments. Pre-sterilization preparation of surgical instruments. Prevention of contact infection. Rules for storing various surgical instruments in the operating room. ³	3
	An individual task	6
7.	THE ACTIVITY OF THE OPERATING NURSE. ² Suture material, requirements for suture material. Classification of suture material. Types and characteristics of surgical needles. The concept of primary and secondary delayed suture. The main characteristics of the suture material; methods of their use in operative surgery. Prevention of implantation infection, sterilization of suture material. Rules for the storage of suture material and surgical needles. ³	3

	An individual task	6
8.	PREPARING OF SURGICAL INSTRUMENTS. ² Pre-sterilization preparing: purpose, methods, quality control. The technology of conducting tests on the quality of pre-sterilization preparing of instruments. Preparation of dressing material, cotton fabric for packaging, preparation of sterilization boxes. Mechanical cleaning of bixes. Packing of tools, linen, bandages for sterilization, taking into account the approximate rate of packing products in bixes, the loading density of sterilization boxes, taking into account the type of box. Methods of sterility control in the operating unit. ³	3
	An individual task	6
9.	PREVENTION OF SURGICAL INFECTION IN THE OPERATING UNIT. ² The concept of asepsis. Infection prevention and control. The use of a barrier in the operative unit. Modern technologies of asepsis, their use by operating nurses (personal protective equipment, surgical overall, dressing material). Disposal of used disposable tools and materials. The concept of medical waste, its classification. Disinfection of reusable tools and materials. ³	3
	An individual task	6
10.	PREVENTION OF NOSOCOMIAL INFECTION. ² The concept of nosocomial infection. Regulatory documents regulating the sanitary and epidemic regime in the operating unit. Ways of infection penetration into a surgical wound. Modern methods and means of preventing hospital infection. Prevention of HIV infection and viral hepatitis in surgical hospitals. Prevention of coronavirus infection (COVID-19) in a surgical hospital. ³	3
	An individual task.	6
11.	THE DRESSING ROOM. ² The concept of bandages. Types of bandages, their brief description. Regulatory documents regulating the work of dressings in surgical departments of medical institutions. Functional responsibilities of a dressing nurse. The structure and equipment of the dressing room. Sanitary and hygienic regime in the dressing room. The basic principles of work in the dressing room. Cleaning of the dressing room. Preparing the dressing room for work. The main characteristics of the dressing material; methods of their use in operative surgery. The concept of antiseptics. Classification of antiseptics. ³	3
	An individual task.	6
12.	THE RESULTS OF THE PRACTICE. ² Presentation of accounting documentation on practice. Intermediate certification. ³	6
	Publication of reporting documentation of the internship in the EIES of VolgSMU.	3
TOTAL		108

1 - one thematic block includes several classes conducted in the form of practical classes, the duration of one lesson is 45 minutes with a break between classes of at least 5 minutes

2 - topic

3 - content

Considered at the meeting of the department of General Surgery 30th of May 2023, protocol No14

Head of the Department



(Signature)

S.I. Panin