

## Catalog of elective disciplines for the 2022-2023 academic year

**1. Department: Nursing**

**2. Level of preparation: College**

**3. Specialty: Nursing**

**4. Course: 1**

**1. Name of elective discipline: Care process**

**2. Amount of credits: 1**

**3. Purpose of the discipline: to teach students to organize daily nursing practice, to take concrete steps to assess the patient's condition, diagnose nursing diagnosis, plan care and treatment, carry out a plan and summarize the work done.**

**8. Objectives:**

- Training of students in the organization of work of nurses
- Familiarization of students with nursing documentation
- Familiarize students with the rights and duties of nurses
- Training students in initial examination of patients and collection of information
- Training of students in nursing diagnostics
- Training students in practice in terms of patient care and treatment
- To teach students to collect analysis of specific clinical cases and, if necessary, correct them.

**9. Substantiation of the choice of discipline:** the nursing process is an organized structure aimed at solving problems in daily nursing practice. There are specific steps to solve a patient's problem-assessment, diagnosis, planning, execution, and final evaluation. The nursing process manages real actions in a "patient-care" environment. In addition, nurse their actions, considering ways to solve it.

**10. Learning outcomes (competencies):**

Knowledge (cognitivesphere)	Skills (psychomotor sphere)	Personal and professional competences (relations)
Organization and tasks of nursing care in the Republic of Kazakhstan. Of the nursing process. Stages of the nursing process.	Be able to document the main stages of nursing care process;	establish professional, individual and corporate contact
Nursing process is a professional method of nursing practice. The needs of the patient and responsibilities of the nurse. Protection of nursing.	To be able to provide nursing care for the organization and implementation of individual needs and problems of the patient;	solve problems of information retrieval, be ready for personal and professional growth;
The essence, advantages and stages of the nursing process. Interpersonal skills in nursing practice.	In their professional and specialized structure, powers and meets scheduled appointments medical diagnostic, treatment, intensive care, rehabilitation, preventive, therapeutic, sanitary, sanitary-educational measures may holds;	the ability of creative thinking and flexible;
Documentation of the nursing process. Features of the history of nursing	Fill in the approved medical documentation in accordance with the established procedure.	with high responsibility to treat the results of their work and the work of the team;

disease.	Depending on the results of the work can fill in the registration form and report	
Modern information technologies used in the nursing process. Nursing process: examination, nursing diagnosis, features.	Capable of high-quality nursing manipulation; able to develop technical means, sets of medical instruments	
Implementation of the nursing care plan. Setting the priority of nursing activities.	Can conduct a nursing examination of the patient. Independently reveals how much it is necessary as a result of the disease of one organism or system, uses modern diagnostic tools	with great responsibility refers to independent and group work.

**11. Prerequisites:** Anatomy, Physiology, Pathology, Microbiology and Virology, Basic Psychology and communication skills.

**12. Post requisites:** Nursing in infectious diseases. Nursing in rehabilitation.

**13. Bibliography:**

**Main**

1. Alibekov, A. Operately marbits taratyn isletter : owly /. - Almaty: Evero, 2017. - 236 bet. S. 25экз.
2. Adilova, L. M. Margard manipulatively recetn algoritmer: excellent Ali = nursing manipulation Algorithms : a tutorial/ M. : "Litterra", 2016. - 248 Beth S. 101eks.
3. Alibekov, A. Medicalert IC - resetter. 1 - BLM: ouly Badalona / - Almaty : Evero, 2016. - 228 Beth. 50eks.
4. .Mukhina, S. A. Marbeck St tearily negadir] : ouly litzler me collegedale aralen. - Moscow: GEOTAR-Media, 2014-1 copies.
5. Mukhina, S. A., Theoretical foundations of nursing M.: GEOTAR-Media, 2014-1ek.
6. Mukhina, S. A. "Marbiel IC Neger" pinnen practically bassily: medicinally, utiliser me collegedale aralen excellent Ali - M. : GEOTAR - Media, 2014.- 116ex.
7. Mukhina, S. A. Marbeck St tearily negadon : ouly litzler me collegedale aralen - M. : GEOTAR - Media, 2014.-201экз. Alibekov, A. Medicen

**Supplementary:**

1. KaBUS, T. Y. "Marbit s" mamandi studenterna aralen CSU - baytala Aylin tLAN excellent - distell RL: excellent-distell ru / KaBUS T. Yu., O. V. Kalinkina, G. K. Karimov. - Almaty: Evero, 2016. - 140 b-70 copies.
2. Nurmanova, M. sh. Collection of standards of nursing technologies in the discipline "Fundamentals of nursing" [- Karagandy: LCD "Aknur", 2013.-30 copies.
3. General nursing technologies: practicum / S. T. Seidumanov [et al.];. - Almaty: Evero, 2012. - 20 –
4. Pul'nikova V I, A. V. Nursing process textbook / A. V. Pul'nikova V I, B. S. imasheva. - Almaty: Evero, 2016. - 300 p.- 30 EQ
5. Adilova, L. M. Margard manipulatively recetn algoritmer: excellent Ali = nursing manipulation Algorithms : a tutorial. - M.: "Litterra", 2016. - 248 bet-101 copies.
6. Sedinkin, R. G. Terjadi marger s "Cardiology" BLM : honey. utiliser me kollajdera aralen ouly / As. tne RM. ... Turlybekov. - Moscow: GEOTAR-Media, 2015. - 256 bet-61.

1. **Department: Nursing**
2. **Level of preparation: College**
3. **Specialty: Nursing**
4. **Course: 4**
5. **Name of elective discipline: Evidence-based medicine in nursing practice**
6. **Amount of credits: 2**
7. **Purpose of the discipline: Formation and consolidation of students 'stable knowledge, skills and abilities in the specialty "Nursing", preparation for the development of specialized disciplines.**

**8. Objectives:**

- \* Formation of students 'knowledge, skills and abilities in the discipline" Evidence-based practice of nursing»;
- \* Study of the managerial and clinical place of decision-making in the discipline "Evidence-based practice of nursing" in modern practice, as well as in the implementation of research and practical programs;
- \* Explain to students the use of subject-specific opportunities that determine the areas of preparation for problems in the field of complex interdisciplinary, intersectoral, professional business;
- \* Providing students with fundamental knowledge that provides professional flexibility in a real developing life at the intersection of sciences.

**9. Substantiation of the choice of discipline:** - The application of scientific data in practice becomes mandatory for all disciplines related to the provision of medical care. Scientific discoveries determine the ways to improve treatment and care, and how to use time and money most effectively. This is a sufficient reason for nurses to use scientific data in the routine practice of caring for patients and their families, that is, for evidence-based practice to become a health reality.

Evidence-based nursing practice is a practice in which scientific research data is used in making decisions, performing actions, and interacting with patients and their relatives.

Evidence-based practice integrates the best available scientific data with the expertise of nursing staff, the preferences and values of patients, their loved ones, and the communities that receive care.

**10. Learning outcomes (competencies):**

Knowledge (cognitivesphere)	Skills (psychomotor sphere)	Personal and professional competences (relations)
Knows the demonstration of critical assessment extraction skills.	Demonstrates the skills to extract, critically evaluate, apply and disseminate information, and effectively inform patients, their families, and the interdisciplinary team.	Able to effectively interact with different people in different situations using a wide range of technologies.
Knows new ideas for improving evidence-based nursing practice.	Generates new ideas for improving evidence-based nursing practice.	Demonstrates the skills of effective professional communication in oral and written form in Kazakh and Russian, in various situations.
Knows advanced nursing techniques based on scientific evidence.	Develops advanced nursing techniques based on scientific evidence.	Uses various information and communication technologies to effectively exchange information for professional purposes.
Knows the evidence-based practice guide.	Distributes evidence-based nursing practice guidelines.	Has high responsibility for own and team results of work

Knows evidence-based nursing practices as an important factor influencing nursing outcomes.	Analyzes evidence-based nursing practices as an important factor influencing the outcomes of nursing care and health promotion, using evidence-based nursing materials.	Shows respect and the ability to interact with people who differ in culture, faith, traditions, nationality, lifestyle and worldviews.
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**11. Prerequisites:** Nursing Basics, the Nursing Process.

**12. Postrequisites:** Intensive Nursing.

**13. Literature**

**Basic literature:**

1. Handbook of the senior (chief) nurse: reference ed. / Author-comp. V. Yevplov. - 8th ed., add. and reprint. - Rostov n/ A: Phoenix, 2009
2. Nurmanova, M. S. Collection of standards of nursing technologies on the discipline "Fundamentals of nursing" - Kagandy: ZhK "Aknur", 2013
3. R. Fletcher, S. Fletcher, E. Wagner " Clinical epidemiology. Fundamentals of Evidence-based Medicine", Moscow, 2001
4. V. V. Vlasov "Epidemiology", Moscow, 2001
5. T. Greenhalgh "Fundamentals of Evidence-based Medicine", Moscow, 2009

**Additional literature:**

1. Principles of evidence-based clinical practice. Working Group on Evidence-based Medicine ed. Gordon Guyatt, Drummond Rennie, M., 2003.
2. Evidence-based medicine. Annual Reference Book, Moscow, 2002.

1. **Department:** Nursing

2. **Level of preparation:** College

3. **Specialty:** Nursing

4. **Course:** 4

5. **Name of elective discipline:** Management in nursing

6. **Amount of credits:** 1

7. The purpose of the discipline: mastering knowledge about the subject, skills and abilities in the field of theory and practice of management of the quality management system, standardization, knowledge of the main functions of management, the study of organizational structures of management of nursing personnel and problems associated with them.

**8. Learning objectives:**

- provide knowledge on the theoretical foundations of management
- teach practical skills in applying the elements and principles of management in nursing
- develop the basic skills of managing the quality management system at the level of a nurse in the working conditions of medical institutions
- teach management decision-making skills through the application of methods and forms of administrative work of management in nursing
- introduce the modern concept of nursing education and nursing in the Republic of Kazakhstan

**9. Justification of the choice of discipline:**

Control organizations. The main technological procedures: registration and accounting of written decisions, organization of activity accounting, control planning, feedback, preparation of audit materials, their analysis, evaluation, development of conclusions and proposals, evaluation of the effectiveness of control.

Quality assessment in healthcare in the form of a set of indicators: Efficiency (the ratio of cost resources to the obtained clinical results); cost-effectiveness (the ratio of resource costs to the standard cost); adequacy (the ratio between the medical care provided and the required (standard): the use of evidence-based technologies, the time of care, the availability of care, the sufficiency of the number of medical services.

**10. Learning outcomes (competencies):**

Knowledge (cognitive sphere)	Skills and abilities (psychomotor sphere)	Personal and professional competencies (relationships)
Knows the main provisions of the Republic of Kazakhstan, the basics of legislation on health care and regulatory documents.	Can work with regulatory and instructional documentation	Knows the main provisions of the Republic of Kazakhstan, the basics of legislation on health care and regulatory documents.
Knows the normative and instrumental documents, the professional activity of a specialist; Is able to document the main stages of the nursing process when caring for patients,	Knows the normative and instrumental documents, the professional activity of a specialist; Is able to document the main stages of the nursing process when caring for patients,	Knows the normative and instrumental documents, the professional activity of a specialist; Is able to document the main stages of the nursing process when caring for patients,
Knows management decisions in healthcare. Strategic, tactical, and operational decisions. Organization of monitoring and evaluation of results.	Able to keep records of the consumption of medicines, bandages, tools, special accounting forms; Have a flexible and creative thinking.	Knows management decisions in healthcare. Strategic, tactical, and operational decisions. Organization of monitoring and evaluation of results.
Knows the organization of nursing care for patients based on the stages of the nursing process.	He is able to organize and implement the nursing process to provide qualified patient care, taking into account his individual needs and problems.	Have high responsibility for your own and team results.
Knows the organization and conduct of internal examination of the quality of medical services.	Can be guided by the main regulatory documents that define the work on the prevention of HIV infection, AIDS and regulating anti-tuberculosis medical activities.	

**11. Prerequisites:** Nursing in surgery. Gerontological nursing care.

**12. Post requisites:** Principles of planning and conducting research in nursing.

**13. Bibliography:****Main**

1. Khamzina, N. K. Management in nursing: textbook. manual 2nd ed. - Almaty : Evero, 2015. - 196 p.
2. Administrative process and management in nursing: textbook. manual / A. A. Tasmaganbetova [et al.]. - Almaty : Evero, 2012. - 306
3. Fundamentals of management [Electronic resource]: electronic textbook / L. V. Plakhova [et al.]. - Electron. text data. ( 986 MB). - M.: KNORUS, 2010. - e. opt. disk (CD-ROM).
4. Gerchikova, I. N. Management [Electronic resource]: textbook / I. N. Gerchikova. - 4th ed., reprint. and an additional electron. text data. ( 8,12 MB). - Moscow: UNITY-DANA, 2011 -- - 508 p. e. opt. disk (CD-ROM).

1. **Department:** Nursing
2. **Level of preparation:** College
3. **Specialty:** Nursing
4. **Course:** 2
5. **The name of the elective discipline:** Eemergency-nursing care
6. **Number of credits:** 2
7. **Goal:** Formation of knowledge and skills in the organization, planning, implementation of the nursing process in emergency medicine and emergency medical care to solve the problem of a patient in a dangerous situation.
8. **Learning objectives:**
  - solving problems of a technological or methodological nature, involving a choice and variety of solutions;
  - the need for continuous monitoring of the patient's condition and the results of their activities;
  - development, implementation, control, assessment and correction of components of professional activity;
  - to instill theoretical and practical skills in the basics of emergency care and patient care in ICU;
  - conducting safe emergency care and effective pain relief for patients, as well as creating optimal conditions for the surgeon's work during surgery;
  - provision of care and maintenance of the patient's life before, during and after surgery.
9. **Rationale for the choice of discipline:** Each health worker should be able to provide emergency medical care in case of emergency. During anesthesia and intensive care, a nurse, as an independent specialist in the anesthesiology and resuscitation team, must correctly and timely perform her functional duties in accordance with her competence. Knowledge and skills in "Emergency and Intensive Care" provides a qualitatively new level of each and the next stage of training in nursing.
10. **Learning outcomes (competencies):**

Knowledge (cognitive sphere)	Skills and skills (psychomotor sphere)	Personal and professional competencies (relationship)
Knows the organization of work, structure, equipment of the ambulance service and the peculiarities of the work of ambulance teams, including specialized ones.	Knows how to check the health of medical equipment and technical means;	knows how to establish professional, personal and corporate contacts;
Knows the regulatory and legal documentation and accounting and reporting medical documentation of ambulance stations;	Knows how to apply standards of technologies for nursing manipulations and procedures in the provision of emergency care;	knows how to solve the problems of information retrieval, be ready for personal and professional growth.
Knows the norms of ethics, morality and law in the professional activities of ambulance personnel;	Is able to implement the principles of artificial ventilation and transfer of the patient to spontaneous breathing;	have flexible and creative thinking;
Knows the clinical anatomy, physiology and pathophysiology of life	Knows how to prepare equipment, technical means, sets of medical instruments for work;	have high responsibility for their own and team work results

support systems and organs		
Knows the clinical pharmacology (pharmacokinetics and pharmacodynamics) of drugs;	Knows how to work with medical equipment, technical means, tools used in the process of emergency assistance;	
Knows the standards of technologies for nursing manipulations and procedures in the provision of emergency care;	Knows how to prepare the necessary medicines, infusion media, consumables, tool kits, etc.	
Knows the main stages of emergency care;	Knows how to conduct a nursing examination of a patient;	
Knows methods of obtaining necessary medical information about a patient in need of assistance;	Highlights the symptoms and syndromes of the most common clinical emergencies	

**11. Prerequisites:** Anatomy, physiology. The basics of nursing.

**12. Post requisites:** Nursing in surgery. Specialized nursing care.

**13. Literature:**

1. Killu, K. ultrasound in the intensive care unit: pocket guide / K. Killu, S. Dalchevski, V. Koba; per. from English R.E. Lakhina. - M.: GEOTAR - Media, 2016 .- 280 p.
2. Ambulance: national leadership / Russian Society of Emergency Medicine; ed. S.F.Bagnenko et al. - M.: GEOTAR - Media, 2015 .- 888 p. : ill.
3. Dubitsky, AA Basic principles of resuscitation and intensive care at the prehospital stage: monograph / AA Dubitsky. - 2nd ed., Rev. and add. ; Approved. and rivers. to ed. Rep. center of innovations. technologies honey. images. and science M-VA health care. RK. - Almaty: Evero, 2014 .- 140 p.
8. Intensive care. In 2 volumes. Vol. 1: national hand / ed. B.R.Gelfand. -; Rec. ucheb.-methodical obed. by honey. and farm. images. universities of the Russian Federation. - M.: GEOTAR - Media, 2011 .- 960 p.
9. Intensive care. In 2 v. T. 2: national hand. / ed. B.R.Gelfand. -; Rec. Textbook - methodical obed. by honey. and farm. education of universities of the Republic of Kazakhstan. - M.: GEOTAR - Media, 2011 .- 784 p.