Appendix № 4 to the syllabus

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|  | MINISTRY OF HEALTHCARE OF THE RUSSIAN FEDERATIONFederal State Budgetary Educational Institution of Higher Education«NORTHERN STATE MEDICAL UNIVERSITY»of Ministry of Healthcare of the Russian Federation |

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|  |  «APPROVED»Dean of the International Faculty of General Practitioner  A. K. Sherstennikova\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_«« \_\_\_\_»\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_20 г. |

**Methological guidelines for students**

Discipline – Training practice, clinical practiceCare for therapeutic patients

Field of training 31.05.01 «General medicine»

Year of study - 1

Form of the interim attestation (pass/fail test, exam) - pass/fail test

Department of family medicine and internal diseases

Course workload 45 (hours)/1,25 (credits)

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|  | Reviewed at the department meeting Minutes №\_\_\_\_«\_\_\_» \_\_\_\_\_\_\_\_\_\_\_ 20 Head of the department\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

**Author and compiler:**Popov Vladimir Viktorovich, professor

Trohova Maria Vasilyevna, associate professor

 Trofimova Anastasia Alexandrovna, assistant

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|  | Arkhangelsk, 2019 |

**Methodological guidelines for students**

**LESSON 1**

**Study subject: "The value of the total care"**

1. **The purpose of the activity**: to learn the value of general care as an integral part of the treatment process.

**Tasks**:
1. Know the types of patient care.
2. Examine the requirements for the appearance of health personnel.
3. Meet with the modern concept of nursing.
4. The tasks of the nurse office.

**2. Concepts that must be internalized by students**

* Care for patients
* Nursing
* Treatment of medical patients
1. **Questions to employment**
• The modern concept of nursing
• The classification of care needs
• Types of patient care
• The set of measures for the care
• The objectives of activities nurse Branch

**4. Questions for self-control**• How is the relationship between the concept of "care" and "cure"?
• Who should care for the sick?
• What is the responsibility of the nurse department?

**5.Compulsory course literature**

Davidson`s Principles and Practice of Medicine [Текст]/ ed. N. A. Boon [et al.]. -20th. ed.. -Edinburgh: ELSEVIER, 2008. -1381 p.: il.

Supplementary course literature

Ослопов В.Н. Общий уход за больными в терапевтической клинике [Электронный ресурс] : учебное пособие/ В. Н. Ослопов, О. В. Богоявленская. -3-е изд.. -Москва: ГЭОТАР-Медиа, 2013. -464 с.: ил. - Режим доступа: http://www.studmedlib.ru/.

Software and Internet resources

<http://www.bibliotekar.ru/624-7/14.htm>

http://[patronage.ru](http://www.patronage.ru/)

<http://allmedbook.ru>

<http://health.mail.ru/tena/video.html>

**Study subject: "Organization of the work of medical institutions"**

**1.The purpose of the activity:** to learn the principles of organization of medical institutions.

**Tasks:**
1. To determine the types of treatment facilities.
2. Learning types of medical care in various institutions.
3. Meeting with the duties of a nurse and nurses.
4. Know the internal regulations of medical department of the hospital.

**2.Concepts that must be internalized by students**

* + Medical treatment facilities.
	+ Duties of a nurse.
	+ Sanitary-Epidemiological mode.

**3. Questions for self-control**
• What types of hospitals you know what their structure and performed tasks?

• What is inner regimen of treatment department?

**4.Compulsory course literature**

Davidson`s Principles and Practice of Medicine [Текст]/ ed. N. A. Boon [et al.]. -20th. ed.. -Edinburgh: ELSEVIER, 2008. -1381 p.: il.

**Supplementary course literature**

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<http://allmedbook.ru>

<http://health.mail.ru/tena/video.html>

**6.List of questions for independent work**

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| --- | --- |
| **Chapters and topics for independent work** | **Kinds and content of independent work** |
| Organization of working Medical institutions | Working with literature, internet-sources, duties during 2 hours in MI |

**LESSON 2. Study subject: "The equipment and organization of the receiving ward"**

**1**. The purpose of the activity: to learn the structure and principles of the admissions office of medical institutions.

**Tasks**:
1. To define the rules of admission.
2. Learning apparatus and equipment front desk.
3. Meet documentation admissions office.
4. Know the internal regulations of the receiving department of the hospital

**2. Concepts that must be internalized by students**
• The structure and function of the hospital admissions office.
• Documentation of the receiving ward.
• Duties of a nurse of a reception.
• Sanitary-Epidemiological mode.
 **3. Questions to employment**
• Construction and equipping of a reception.
• Types of documentation admissions office and the rules of its conduct.
• The main tasks, types and rules sanitizing patients.
• The concept of the health-protective mode.

**4. Questions for self-control**
• What are the rules of hospitalization?
• Construction and equipping of a reception.
• Types of documentation admissions office and the rules of its conduct.
• What are the main objectives, types and rules sanitizing sick?
• List the major activities to identify and eliminate the lice.
• What are the basic rules and methods of transporting patients to the department?
• What features of the transport of patients in serious condition.

**5.Compulsory course literature**

Davidson`s Principles and Practice of Medicine [Текст]/ ed. N. A. Boon [et al.]. -20th. ed.. -Edinburgh: ELSEVIER, 2008. -1381 p.: il.

Supplementary course literature

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<http://health.mail.ru/tena/video.html>

**6. List of questions and tasks for independent work:**

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| **Chapters and topics for independent work** | **Kinds and content of independent work** |
| **Topic 2. Structure of receiving ward of hospital** | Work with literature, internet-resources, duties for 2 hours in MI. |

**Study subject: "The equipment of the therapeutic department of the hospital"**1. **The purpose of the activity**: to learn the structure and principles of the therapeutic department of medical institutions.

**Tasks**:
1. To define the rules for admission and delivery of duty.
2. Learning apparatus and equipment therapeutic department.
3. Meet documentation therapeutic department.
4. Know the internal rules of the therapeutic department of the hospital.

**2. Concepts that must be internalized by students**• The structure and function of the therapeutic department of the hospital.
• Documentation of the therapeutic department.
• Duties of a nurse of the therapeutic department.
• Sanitary-Epidemiological mode.
• Organization of post nurse.
• Organization of the treatment room.
• The main types of medical records department.

**3. Questions to employment**
• The methods and modes of disinfection in medical office
• Personal hygiene nurse

• The concept of the health-protective mode.

* The concept of the mode of physical activity of patients.
* Terms of admission and delivery of duty
* List the equipment and treatment rooms and manipulations that it holds.

• Types of documentation treatment room
• hygiene requirements for the post of nurse and treatment rooms
• operation of nursing and post treatment room
• The main duties of senior sister branch.

**4. Questions for self-control**
• What does the concept of "hospital treatment"?
• How is the reception and delivery of duty?
• List the equipment and treatment rooms and manipulations that it holds.
• What types of documentation do you know the treatment room?
• What are the hygienic requirements for the post of nurse and treatment rooms?
• What is the mode of operation of nursing and post treatment room?
• The main duties of senior sister branch.

**5. Compulsory course literature**

Davidson`s Principles and Practice of Medicine [Текст]/ ed. N. A. Boon [et al.]. -20th. ed.. -Edinburgh: ELSEVIER, 2008. -1381 p.: il.

Supplementary course literature

Ослопов В.Н. Общий уход за больными в терапевтической клинике [Электронный ресурс] : учебное пособие/ В. Н. Ослопов, О. В. Богоявленская. -3-е изд.. -Москва: ГЭОТАР-Медиа, 2013. -464 с.: ил. - Режим доступа: http://www.studmedlib.ru/.

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<http://allmedbook.ru>

<http://health.mail.ru/tena/video.html>

http://www.cancer.ic.ck.ua/index\_7.htm

**6.List questions and tasks for independent work.**

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| --- | --- |
| **Chapters and topics for independent work** | **Kinds and content of independent work** |
| Topic 2. Structure of therapeutic department of hospital | Work with literature, internet-resources, duty for 2 in MI |

**LESSON 3. Study subject: "Aspects of ethics"**

 **1.The purpose of lessons**: learn the basics of medical ethics.
**Tasks**:
1. To determine the role of ethics.
2. Learning foundations of medical ethics.
3. Meet moral and legal responsibility of a medical worker.

4.To get acquainted with the moral and legal responsibility of a medical professional.

5. Introduce the models of interaction between the medical worker and the patient.

**2. Concepts that must be internalized by students**• Fundamentals of medical ethics.
• The moral and legal responsibility of a medical worker.

**3. Questions to employment**

Occupation of ethics is conducted on the basis of the conference. Leading conference - teacher. Following topics for messages are suggested to organize the discussion for student:

Fundamentals of the legislation:
Article 20.1. Program of state guarantees of free medical care to citizens.
Article 30. Rights of the patient.
Article 31. The right of citizens to information about health.
Article 34. Provision of medical care without the consent of citizens.
Article 39. Ambulance.
Article 40. Secondary care.
Article 43 The application of new methods of prevention, diagnosis, treatment, medicines and biomedical research.

Article 45. The prohibition of euthanasia.

Article 48. Anatomical autopsy.

Article 54.The right to engage in medical and pharmaceutical activities.

Article 58. Attending doctor.

Unacceptable actions of a doctor, according to Criminal Code:

1. Neglect of their duties entailed deterioration of health criminal negligence
2. Violation of anti-epidemic rules if contagious diseases have spread
3. Gross violation of the technique of manipulation resulting in the death of the patient
4. Narcotic drug thief.
5. Failure to provide assistance by a person obligated to provide it.
6. Non-observance of medical confidentiality

Except main corresponder it is offered to change 2 opponents who could comment main message and to highlight discuss moments. Teacher also comments every message and supports discussion inviting every participant of conference.

1. **Tasks for self-control:**

Solution of situate tasks:

**Task 1**. Citizen K, 66 years old, attended surgeon of city hospital with hiatus. After examination of patient surgeon said that it is necessary to provide operation and should be performed but he needs to pay for it. Price seemed to be high for citizen. After suggestion to decrease the price surgeon answered that price is offered not by him. Patient wrote resolution to administration of hospital. Surgeon is punished by administration.

What is the legal basis for solution of this problem?

(The basis of legal of Healthcare, art.20)

**Task 2.** A 65-year-old patient I., suffering from coronary artery disease, renal stone disease and lumbar osteochondrosis, after a three-week unsuccessful treatment in a hospital, turned to the head of the department with a request to invite highly qualified specialists for consultation or to appoint a consultation.

Due to the fact that he was denied the request, he filed a complaint with the city health department.

Is this complaint justified? (Basics: Article 30, Clause 4.)

**Task 3.** Patient K., 70 years old, in serious condition in the general ward of a state hospital, invited a clergyman and demanded that the administration give her the opportunity to stay alone with him.

Does she have a right to this? (Basics: Art.30, Clause 13)

**Task 4.** Patient K., 60 years old, being in the therapeutic department for peptic ulcer, asked the attending physician not to tell the adult son about the nature of his illness, as he would tell everything by himself. However, the patient was diagnosed with stomach cancer, but this was hidden from him. Therefore, the doctor invited his son to him and said about the diagnosis.

Is there a violation of the rights of the patient? (Basics: Art.31)

**Task 5.** Citizen I., 52 years old, was admitted to the oncology department, where the diagnosis was made - a malignant tumor of the cervix. In an interview with a doctor, she was offered surgery in connection with a benign neoplasm and its possible degeneration; the patient refused the operation. After 5 months, when her condition worsened sharply, metastases appeared, she became aware of the true diagnosis. She accused the doctors of being incorrectly informed, and therefore she refused the operation.

What is the doctor’s legal and deontological error? (Basics: Art.31)

**Task 6.** A schizophrenic patient has been aggressive in recent days, and his neighbors turned to a psychiatric hospital, where he was registered, asking him to be hospitalized. The patient himself and his parents were against hospitalization, but the doctors did not take this into account.

What is the procedure for hospitalization of people with severe mental disorders? In which regulatory documents is it set out? (Basics: Article 34; Federal Law “On guarantees of the rights of citizens in the provision of psychiatric care”)

**Task 7.** A young man was hit by a car on one of the outskirts of the city. As a result, he had an open fracture of the femur with damage to the vessel and bleeding. The three medical students who were close by rendered first aid: they applied a tourniquet and ensured the immobilization of the limb. After that, they went to the store owner with a request to provide their BMW for transporting the wounded, but they were refused, and cars passing by did not stop. Finally, I managed to get through to the ambulance station and the victim was taken to the hospital.

In the course of the trial, the question arose: did the students behave correctly, did they have the right to provide first aid, to demand a car? (Basics: Art. 39)

**Task 8.** A man for coronary artery bypass grafting turned to the city cardiology clinic. However, he was not accepted for treatment, citing the lack of drugs and places in the hospital. In this case, the head of the department invited the patient to be treated privately with him, showing permission and a license for private practice.

Is there a violation of applicable law? (Basics: Art. 42)

**Task 9.** Having learned from the advertisements of the local newspaper about the successful use of the new drug, citizen D., 59 years old, turned to this medical company, paid the cost of the medicine and began to use it for treatment. However, a week later, due to complications, he stopped taking it and asked to return the remaining amount, because all treatment is designed for 40 days. He was refused, and moreover, it was proposed in accordance with the contract to continue the course to the end.

Is there a violation of the rights of the patient and the procedure for using new drugs? (Basics: Art. 43)

**Task 10.** An old woman, 96 years old, due to decrepitude was completely dependent on her relatives, could not serve herself and experienced her helplessness. In this regard, she repeatedly asked relatives to “put to sleep” her, but did not receive unanimous consent. The local doctor called to her barely brought her out of a state of cardiopulmonary insufficiency, he listened to the crying old woman, heeded her request and, having received the approval of one of her relatives, blocked the flow of oxygen that she was breathing. After a while, death came. Recognizing that death was imminent, the daughter of the deceased accused the doctor of murder.

How should the actions of a doctor be qualified, what is the law saying about this? (Basics: Art. 45)

**Task 11**. Citizen N. died in the hospital. The head physician convinced relatives that an autopsy was necessary, as the diagnosis was doubtful, and they themselves expressed dissatisfaction with the doctors. Relatives agreed, but on condition that an acquaintance of theirs would be present at the autopsy. However, the head physician considered this distrust offensive to his pathologists and did not allow it.

Is he right from the point of view of the law? (Basics: v. 48)

**Task 12.** An elderly woman with food poisoning was admitted to the hospital. Despite the measures taken, she died. Relatives suspected that she was poisoned by canned fish, and had no complaints about the doctors. The daughter turned to the head physician with a request to issue a corpse without a postmortem autopsy. However, the head physician did otherwise. Did the head doctor do the right thing? (Basics: v. 48)

**Task 13**. Citizen N. arrived in the Russian Federation from Hungary, where she was with her husband and graduated from the medical faculty of the university. She passed specialization, which confirms the certificate. However, in Russia she is not hired, offering to pass exams again at a medical university, pass certification and obtain a license to practice medicine. Is this a violation of human rights? (Basics: Article 54)

**Task 14.** A 4-year student of the faculty of pediatrics entered the post of nurse in the children's infectious diseases department of the hospital. However, her rival, a graduate of the medical school, appealed the decision of the hospital administration, citing the fact that a student who did not receive a completed higher education had no right to work as a nurse, in contrast to her, who had special training for a nurse.

Is this complaint justified? (Basics: Article 54)

**Task 15.** The attending physician turned to the head physician with a statement about the refusal to continue treatment of the patient Z., 36 years old, suffering from chronic cholecystitis, explaining this by a systematic violation of his regimen: non-compliance with the diet, abuse of alcoholic beverages, and ignoring the prescription regarding drugs. The head doctor refused to comply with the request of the attending physician.

What does the health legislation say about this? (Basics: Article 58)

**Task 16**. Patient R., 63 years old, applied to the chief physician of the clinic with a request to replace the attending physician. She brought arguments: inattentive, not sensitive, dishonest to his duties. The chief doctor suggested that the patient contact a private practitioner, since all the doctors are overloaded with him and cannot be attentive to each patient.

What does the health legislation say about this? (Basics: Article 58)

**Task 17.** The poison control center received 14 patients with methyl alcohol poisoning within 2 days. The head informed the law enforcement authorities about this, giving the names of specific patients. One of them filed a complaint against the administration of the hospital due to the fact that the doctors divulged the secret of his illness.

Did the head of the medical institution do the right thing? What does the law say about this? (Basics: Article 61, paragraph 2)

**Task 18.** In the evening, the boy was hit by a car, because Since this happened near the oncological hospital, then passers-by ran to the doctor. The doctor on duty was in the treatment room and, learning from the nurse what was the matter, instructed her to call the ambulance station. He himself continued to work, not asking what help the boy needed.

Can he be prosecuted? (Criminal Code: Article 124. (imprisonment of up to three years))

**Task 19.** Senior nurse of the surgical department of the Central District Hospital in collusion with the head. the pharmacy, having received medicines for the department, concealed and brought home 20 ampoules of morphine, explaining this by the desire to have medicines on hand to provide emergency care to sick neighbors.

How can her actions be qualified in accordance with the current criminal code? (Criminal Code: Article 233. (imprisonment from three to 7 years)

**Task 20.** In a maternity hospital, 37 children fell ill as a result of an outbreak of acute intestinal infections, two of whom died. The expert commission found gross violations of sanitary standards and the anti-epidemic regime: violation of the frequency of disinfection of the room, its repair, the frequent lack of hot water, as well as the lack of a room for staff and a separate toilet in the sanitary inspection room, the receipt of a large number of women in labor in connection with the simultaneous closure of two neighboring maternity hospitals, violation feeding regimen of children and other disadvantages. All of this in aggregate was the cause of nosocomial infection. The investigation established the repeated appeal of the head physician to the local administrative authorities with the demand for repair of the premises and a warning about the danger due to violation of the sanitary and epidemiological regime.

Who should be responsible for what in this situation? (Criminal Code: Article 236. (restriction of liberty up to 5 years))

**Task 21.** In the obstetric and gynecological department of the Central District Hospital in connection with uterine myoma, operation C. gr. Was performed, during which blood was transfused several times. A few hours later, vague intoxication appeared and acute renal failure developed. After a day in serious condition, S. was delivered to resuscitation department of BSMP, where it turned out that the patient had blood type I, and not III, as was established in the Central District Hospital. When examining the corpse of S., it was noted that acute renal failure was the cause of death and arose in connection with transfusion of other blood. The forensic expert commission found that contrary to the instructions for blood transfusion,
that contrary to the instructions on blood transfusion, in the central district hospital the definition of the group and the transfusion was carried out by a nurse, not a doctor, while re-transfusion, blood was taken from the same tube, and not from a finger, for control.

How should qualify the actions of a doctor? (Criminal Code: Art. 109. (restriction of liberty up to 3 years))

**Task 22**. In the maternity hospital, the midwife carried the newborn baby for feeding, was distracted and hit his head on the door jamb. A few months later, the child had convulsions and the mother, remembering this incident, connected their appearance with a blow to the head. How can this action qualify and decide on the cause of seizures? (Criminal Code: Article 293. (restriction of liberty up to 5 years))

**5. Compulsory course literature**

Davidson`s Principles and Practice of Medicine [Текст]/ ed. N. A. Boon [et al.]. -20th. ed.. -Edinburgh: ELSEVIER, 2008. -1381 p.: il.

**Supplementary course literature**

Ослопов В.Н. Общий уход за больными в терапевтической клинике [Электронный ресурс] : учебное пособие/ В. Н. Ослопов, О. В. Богоявленская. -3-е изд.. -Москва: ГЭОТАР-Медиа, 2013. -464 с.: ил. - Режим доступа: http://www.studmedlib.ru/.

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**6.List questions and tasks for independent work.**

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| **Chapters and topics for independent work** | **Kinds and content of independent work** |
| Topic 3. Aspects of ethics. | Work with literature, internet-resources, solving problems, preparations to conference. |

**LESSON 4. Study subject: "Nutrition of the patient"**
The purpose of the activity: to learn the structure and organization of nutrition in the hospital.

**1. Tasks:**
1. To determine the role of nutritional therapy.
2. Learning dietary tables.
3. Meet with the organization and the control of feeding patients.
4. Know the methods of feeding critically ill patients.

**2. Concepts that must be internalized by students**• The concept and objectives of dietetics;
• high-calorie food composition to patients in the hospital;
• Characteristics of the main dietary tables (№№ 1,5,7,9,10,15);
• Artificial and parenteral nutrition.

**3. Questions to employment**• The diet in the complex of therapeutic measures;
• Key characteristics diets №№ 1,5,7,9,10,15.
• Catering in hospital patients, duties nutritionist
• Principles of feeding critically ill
• Artificial feeding through a tube

**4. Questions for self-control**
• Key characteristics diets №№ 1,5,7,9,10,15.
• How is the organization of hospital food?
• How is the distribution of food to patients?
• How is feeding critically ill?
• How is the artificial feeding through a tube?

**5. Compulsory course literature**

Davidson`s Principles and Practice of Medicine [Текст]/ ed. N. A. Boon [et al.]. -20th. ed.. -Edinburgh: ELSEVIER, 2008. -1381 p.: il.

Supplementary course literature

Ослопов В.Н. Общий уход за больными в терапевтической клинике [Электронный ресурс] : учебное пособие/ В. Н. Ослопов, О. В. Богоявленская. -3-е изд.. -Москва: ГЭОТАР-Медиа, 2013. -464 с.: ил. - Режим доступа: http://www.studmedlib.ru/.

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<http://www.cancer.ic.ck.ua/index_7.htm>

**6.List questions and tasks for independent work.**

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| **Chapters and topics for independent work** | **Kinds and content of independent work** |
| Topic 4. Nutrition of patients. | Work with literature, internet-resources, duty in department for 2 hours. |

**LESSON 5. Study subject: "The simplest physiotherapy"**
The purpose of the activity: to learn the structure and organization of nutrition in the hospital.

**1. Tasks:**1. To determine the role of the simplest physical therapy for the patient.
2. Learning mechanism of action and prepare the patient for simple physiotherapy.
3. Presenting the procedure perform simple physical therapy patients.
4. Know the features do basic physiotherapy sick elderly.

**2. Concepts that must be internalized by students**• The mechanism of therapeutic action of warming procedures;
• The mechanism of therapeutic action of annoying procedures;
• The mechanism of therapeutic action of cooling procedures;

**3. Questions to employment**• The mechanism of action, preparation of the patient, the necessary supplies and equipment staging cans.
• The mechanism of action, preparation of the patient, the necessary supplies and equipment posing mustard plasters.

1. The mechanism of action, preparation of the patient, the necessary supplies and equipment posing warming compresses and warmers.
• The mechanism of action, preparation of the patient, the necessary supplies and equipment posing cold compresses and ice packs.
• Indications and contraindications for physiotherapy;
• Possible complications physiotherapy;
 **4. Questions for self-control**• How can we influence the circulation?
• What accessories are needed for the production of mustard plasters?
• Site and equipment posing mustard plasters.
• What is the strategy of medical staff with the appearance of burns from the mustard plasters?

• Site and equipment posing mustard plasters.
• What is the strategy of medical staff with the appearance of burns from the mustard plasters?
• What accessories are needed for the production of cans?
• Where possible and where it is impossible to put the banks?
• What tactics nurses in blisters and skin maceration?
• How to prepare a hot water bottle and submit it to the patient?
• How to prepare and submit an ice pack?
• What are the necessary accessories when setting compress?
• How to put a hot compress (simple poluspirtovy)?
• How much time is put a hot compress?

**5. Compulsory course literature**

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Supplementary course literature

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**6.List questions and tasks for independent work.**

|  |  |
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| **Chapters and topics for independent work** | **Kinds and content of independent work** |
| Topic 5. The simplest physiotherapeutic procedures. | Work with literature, internet-resources, duty in department for 2 hours. |

**LESSON 6. FEVERS.**Purpose:

1. To study the pathological syndrome - “fever”.

2. To be able to properly provide medical care to the patient at different periods

**1. Tasks:**

1. Know the classification of fevers.

2. Clearly present the clinical manifestations of the 3 main periods of fever.

3. Be able to provide first aid to a febrile patient in any period of fever and, especially, with a critical decrease in the patient's body temperature.

**2. The basic concepts that should be learned by students**:

· Pyrogenic substances of protein nature; Subfebrile, febrile, pyretic, hyperpyretic types of fever;

· Transient, acute, subacute, and chronic fever;

· Permanent, remitting, hectic, perverse, undulating, intermittent fever;

· Periods of rise and relative constancy of temperature at an elevated level;

· A critical and lytic decrease in body temperature.

**3. Questions for the lesson:**

1. The value of measuring body temperature for the practice of a doctor;

2. What is a fever?

3. How is fever classified?

4. Features of the clinical manifestations of fever depending on its period?

5. What kind of medical care is necessary for the patient depending on a particular period of fever?

6. What is the sequence of patient care for a critical drop in temperature?

**4. Questions for self-control:**

1. What type of fever will a tuberculosis patient have?

2. What mechanisms of human heat transfer contribute to an increase in body temperature, and which to a decrease in body temperature?

3. How to improve the flow of venous blood to the heart during the period of collapse caused by a critical decrease in body temperature?

4. What actions and in what sequence should the average medical worker perform in case of a critical decrease in temperature in a febrile patient?

**5. Compulsory course literature**

Davidson`s Principles and Practice of Medicine [Текст]/ ed. N. A. Boon [et al.]. -20th. ed.. -Edinburgh: ELSEVIER, 2008. -1381 p.: il.

**Supplementary course literature**

Ослопов В.Н. Общий уход за больными в терапевтической клинике [Электронный ресурс] : учебное пособие/ В. Н. Ослопов, О. В. Богоявленская. -3-е изд.. -Москва: ГЭОТАР-Медиа, 2013. -464 с.: ил. - Режим доступа: http://www.studmedlib.ru/.

**Software and Internet resources**

<http://www.bibliotekar.ru/624-7/14.htm>

http://[patronage.ru](http://www.patronage.ru/)

<http://allmedbook.ru>

<http://health.mail.ru/tena/video.html>

http://health.mail.ru/tena/video.html Уход за больными онкозаболеваниями - <http://www.cancer.ic.ck.ua/index_7.htm>

**6.List questions and tasks for independent work.**

|  |  |
| --- | --- |
| **Chapters and topics for independent work** | **Kinds and content of independent work** |
| Topic 6. FEVERS. | Work with literature, internet-resources, duty for 2 in MI |

**LESSON 7. Rules of personal hygiene of the patient in need of care**

**Purpose of the lesson:** 1. Master the rules of personal hygiene of the patient in need of care.

**1. Tasks:**
1. Learn the basic principles of personal hygiene of the patient in need of care.
2. Study the main measures to ensure personal hygiene of the patient.

**2. Basic concepts that should be learned by students in the process of studying the topic**: \* eye care, · hair care; \* ear care; \* care of the nasal cavity; \* care of teeth, dentures, oral cavity; · care for the skin; \* shaving the patient; \* hand and foot hygiene (including nail care); \* care for the perineum, genitals; \* change of underwear and bed linen; · skin care; · providing assistance for physiological needs (diapers, pads, use of the vessel, hygienic toilet of the stoma, care of the catheter);

**3. Questions for the lesson:**
1. The meaning and basic principles of personal hygiene of the patient.
2. Skin care and prevention of bedsores.
3. Change of bed and underwear.
4. Care of the oral cavity (including teeth, dentures), nose, ears in patients who need care.
5. Hair care, nail cutting, shaving the patient.
6. Eye care.
7. Care for the external genitals.
8. Feeding of the vessel and the urinal (to a woman and a man).

**4. Questions for self-monitoring:**1. The importance of personal hygiene by the patient.
2. Care for the skin, natural folds, mucous membranes.
3. Care for hair, ears, eyes, mouth, teeth, dentures.
4. Nursing care for urinary and fecal incontinence.

**5. Compulsory course literature**

Davidson`s Principles and Practice of Medicine [Текст]/ ed. N. A. Boon [et al.]. -20th. ed.. -Edinburgh: ELSEVIER, 2008. -1381 p.: il.

**Supplementary course literature**

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**6.List questions and tasks for independent work.**

|  |  |
| --- | --- |
| **Chapters and topics for independent work** | **Kinds and content of independent work** |
| Topic 7. Rules of personal hygiene of the patient in need of care | Work with literature, internet-resources, duty for 2 in MI |

 **Lesson 8. Basics of kinesthetic. moving and transporting patients. ergonomics in the organization of patient care.**

**Objective**: To study the basics of kinesthetics, movement, transportation of patients and ergonomics in the organization of patient care.

**1. Tasks:**

1. Get acquainted with the concept of "kinesthetics", "biomechanics" and their basics.

2. To study the mode of physical activity of patients, types and rules of transportation in a medical institution.

3. Study the rules of biomechanics of the patient's body and the medical worker when moving the patient.

**2. Basic concepts to be learned by students** \* kinesthetics; \* body biomechanics; \* moving and transporting the patient; \* forced position; \* ergonomics of the workplace of medical personnel.
 **3. Questions for the lesson**

1. Fundamentals of kinesthetics in patient care;

2. Types of modes of motor activity of patients, its significance for patients.

3. Types and rules of transportation of patients on stretchers, on a wheelchair, on a stretcher, on hands in medical departments of the hospital.

4. The concept of biomechanics and correct body position

5. Basics of ergonomics and safe patient movement.

**4. Questions for self-monitoring**

1. What is the individual patient regime, its types?

2. Transport the patient in a medical institution

3. How to transfer a patient?

4. Ergonomic tools and equipment for moving patients.

**5. Compulsory course literature**

Davidson`s Principles and Practice of Medicine [Текст]/ ed. N. A. Boon [et al.]. -20th. ed.. -Edinburgh: ELSEVIER, 2008. -1381 p.: il.

**Supplementary course literature**

Ослопов В.Н. Общий уход за больными в терапевтической клинике [Электронный ресурс] : учебное пособие/ В. Н. Ослопов, О. В. Богоявленская. -3-е изд.. -Москва: ГЭОТАР-Медиа, 2013. -464 с.: ил. - Режим доступа: http://www.studmedlib.ru/.

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**6.List questions and tasks for independent work.**

|  |  |
| --- | --- |
| **Chapters and topics for independent work** | **Kinds and content of independent work** |
| Topic 8. Basics of kinesthetic. moving and transporting patients. ergonomics in the organization of patient care. | Work with literature, internet-resources, duty for 2 in MI |

 **LESSON 9. Regulations for the collection of materials for laboratory research. preparation of patients for instrumental methods of research.**
Objective: to study the rules for collecting biological material for laboratory studies and the rules for preparing patients for instrumental research methods.

**1. Tasks:**

1. Know the rules for collecting biological material for laboratory research and be able to prepare patients for instrumental research methods.
**2. Basic concepts to be learned by students** \* rules for collecting biological material (blood, urine, sputum, feces); \* instrumental methods of investigation (X-ray, endoscopic, ultrasound)

**3. Questions for the lesson:**1. Rules for collecting biological material for laboratory studies: blood test (general blood test, biochemistry, for bioculture and sensitivity to antibiotics), urine (general analysis, nechiporenko, zimnitsky, rehberg test, diuresis, bacteriological study), sputum (clinical, bacteriological), feces (coprogram, for worm eggs, for hidden blood (gregersen, weber reaction, bacteriological).
2. Rules for preparing patients for instrumental methods of examination (x-ray, endoscopic, ultrasound) of the respiratory system, cardiovascular system, digestive system, urinary system and kidneys.
3. Indications and contraindications for endoscopic examination of the gastrointestinal tract;

**4. Questions for self-monitoring**:
1. Features of the patient's preparation for blood donation.
2. How to collect sputum in spittoons?
3. What methods of disinfection of spittoons do you know?
4. What are the features of sputum collection

**5. Compulsory course literature**

Davidson`s Principles and Practice of Medicine [Текст]/ ed. N. A. Boon [et al.]. -20th. ed.. -Edinburgh: ELSEVIER, 2008. -1381 p.: il.

**Supplementary course literature**

Ослопов В.Н. Общий уход за больными в терапевтической клинике [Электронный ресурс] : учебное пособие/ В. Н. Ослопов, О. В. Богоявленская. -3-е изд.. -Москва: ГЭОТАР-Медиа, 2013. -464 с.: ил. - Режим доступа: http://www.studmedlib.ru/.

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**6.List questions and tasks for independent work.**

|  |  |
| --- | --- |
| **Chapters and topics for independent twork** | **Kinds and content of independent work** |
| Topic 9. Regulations for the collection of materials for laboratory research. preparation of patients for instrumental methods of research. | Work with literature, internet-resources, duty for 2 in MI |

 **Lesson 10. Observation and care of patients with respiratory diseases.**
The purpose of the activity: to learn especially the care and monitoring of patients with respiratory diseases.

**1. Tasks:**1. Identify the role of the major pathological symptoms of respiratory diseases.
2. Examine ways of care and monitoring of patients with respiratory diseases.
3. Meet with the technique of oxygen therapy, use of hand-held inhaler and sputum.
4. Know first aid if choking, coughing up blood, and pulmonary hemorrhage.

**2. Concepts that must be internalized by students**• Complaints of patients with respiratory diseases;
• Oxygen therapy in the treatment of patients with diseases of the respiratory system;
• The value of sputum.

**3. Questions to employment**• Complaints of patients with respiratory diseases.
• Oxygen, safety when using an oxygen cylinder.
• Collection of sputum in the spittoon, the measurement of the daily amount of sputum, sterilization spittoon.

• Features directions sputum on clinical and bacteriological examination.
• First aid for coughing, shortness of breath when, with dyspnea, pulmonary hemorrhage.
• Features of the care and monitoring of patients with respiratory diseases in elderly.
• Familiarity with the procedure pleural puncture.

**4. Questions for self-control**• What are the major pathological symptoms are detected in patients with respiratory diseases?
• What is the position in the bed the most comfortable for the patients?
• How is the counting of breaths?

• What types of respiratory disorders do you know?
• What methods of oxygen therapy you know?
• List the main manipulation in the oxygen therapy.
• What are the safety rules for the use of an oxygen cylinder.
• What are the rules for using a handheld inhaler?
• How to collect sputum spittoon?
• What methods of disinfecting spittoons you know?
• What are the features of the collection of sputum for different types of research.
• Who does the pleural puncture, for what purpose?
• What tools necessary for pleural puncture?
• What are the steps during thoracentesis.
• What is the algorithm first aid at choking?
• What is the algorithm first aid during an attack nonproductive cough?
• What is the algorithm first aid when hemoptysis?
• What is the algorithm first aid during epistaxis?

**5. Compulsory course literature**

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Supplementary course literature

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**6.List questions and tasks for independent work.**

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| **Chapters and topics for independent work** | **Kinds and content of independent work** |
| Topic 10. Observations and care for patients with respiratory deseases. | Work with literature, internet-resources, duty for 2 in MI |

**LESSON 11. Observation and care of patients with diseases of the circulatory system.**
The purpose of the activity: to learn especially the care and monitoring of patients with diseases of the circulatory system.

**1. Tasks:**
1. Identify the role of the major pathological symptoms in diseases of the circulatory system.
2. Examine ways of care and monitoring of patients with diseases of the circulatory system.
3. Meet with the technique of counting the number of heartbeats, research and record heart rate, blood pressure measurement
4. Know first aid for pain in the heart, asthma, blood pressure rise, with faint.

**2. Concepts that must be internalized by students**
• Complaints of patients with diseases of the circulatory system;
• arterial pulse and its properties.
• Blood pressure regulation mechanisms;

**3. Questions to employment**• The concept of basic pathological symptoms in diseases of the circulatory system
• The concept of high blood pressure, heart and vascular disease.
• The concept of the arterial pulse, pulse characteristics, graphical registration.
• Cardiac edema: the mechanism of formation, methods of detection

• Basic manipulations care of cardiac patients.
Features • monitoring and care of patients with diseases of the cardiovascular system in elderly;
• Emergency conditions in cardiac patients

**4. Questions for self-control**

• What are the major pathological symptoms are detected in patients with diseases of the circulatory system.
• What is the method of determining the heart rate? What peripheral arteries is determined by a pulse?
• List the basic properties of the arterial pulse.

• What is the method of determining the blood pressure?
• What are the methods of monitoring the swelling
• What are the particular care with diseases of the blood circulation?
• What is the emergency care for pain in the heart?
• How to provide first aid to the patient in cardiac asthma?
• What is the patient care for fainting?
• What is the first aid to the patient during a hypertensive crisis?
• What are the features of the organization of the cardiology department nurse?

**10.5. Compulsory course literature**

Davidson`s Principles and Practice of Medicine [Текст]/ ed. N. A. Boon [et al.]. -20th. ed.. -Edinburgh: ELSEVIER, 2008. -1381 p.: il.

Supplementary course literature

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**6.List questions and tasks for independent work.**

|  |  |
| --- | --- |
| **Chapters and topics for independent work** | **Kinds and content of independent work** |
| Topic 11. Observation and care of patients with diseases of the circulatory system. | Work with literature, internet-resources, duty for 2 in MI |

**LESSON 12.Observation and care of patients with digestive diseases.**

The purpose of the activity: to learn especially the care and monitoring of patients with diseases of the gastrointestinal tract.

**1. Tasks:**
1. Identify the role of the major pathological symptoms in diseases of the gastrointestinal tract.
2. Examine ways of care and monitoring of patients with diseases of the gastrointestinal tract.
3. Meet with the technique of gastric lavage, fractional study of gastric contents, duodenal intubation.
4. Know first aid for bleeding from the stomach and intestines.

**2. Concepts that must be internalized by students**• The main complaints of patients with diseases of the digestive system;
• Methods of acid-forming function of the stomach;
• The concept of duodenal intubation;
• Methods of feces
• Types of enemas, indications and contraindications;

**3. Questions to employment**
• The concept of basic pathological symptoms in diseases of the digestive system
• Provide first aid in vomiting, collecting vomit, sending them to the laboratory
• First aid to the patient with gastrointestinal bleeding
• Indications and technique of gastric lavage, the types of probes
• Methods of data collection for the study of gastric juice
• Methods of duodenal intubation.

• Prepare the patient to collect stool for reaction Gregersen
• Types of enemas, indications and contraindications, algorithm manipulation
• Preparation of the patient to X-ray examination of the stomach;
• Preparation of the patient to X-ray examination of the gallbladder and biliary tract;
• Preparing the patient for barium enema, colonoscopy;
• Indications and contraindications for endoscopic examination of the gastrointestinal tract;
• Preparing the patient for ultrasound.

**4. Questions for self-control**
• What makes a complaint patient for diseases of the digestive system?
• How to collect the vomit?
• What are the characteristics of nursing with vomiting?
• What is the pre-medical care to patients with gastrointestinal bleeding?
• What are the indications and technique of gastric lavage?
• What is the method of fractional gastric sensing?
• What is the procedure of duodenal intubation?
• How to prepare the patient to collect fecal reaction Gregersen?

**5. Compulsory course literature**

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Supplementary course literature

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**6.List questions and tasks for independent work.**

|  |  |
| --- | --- |
| **Chapters and topics for independent work** | **Kinds and content of independent work** |
| Topic 12. Observation and care of patients with diseases of the DIGESTIVE SYSTEM | Work with literature, internet-resources, duty for 2 in MI |

**LESSON 13. Care of patients with diseases of the urinary.**

The purpose of the activity: to learn especially the care and monitoring of patients with diseases of the urinary organs.

**1. Tasks:**
1. Identify the role of the major pathological symptoms in diseases of the urinary organs.
2. Examine ways of care and monitoring of patients with diseases of the urinary organs.
3. Meet with the technique of urine collection.
4. Know the first aid in case of renal colic.

**2. Concepts that must be internalized by students**• The concept of diuresis and its measurement methods;
• The main types of urinary disorders;
• The main complaint of the patient with diseases of the urinary
• Methods of urine

**3. Questions to employment**• The concept of basic pathological symptoms in diseases of the urinary
• The main types of urinary disorders

• Care of patients with urinary incontinence
Features

• nursing elderly
• Features urine collection for various studies
• The sample Zimnitsky, Nechiporenko sample, methods of their implementation;
• Types of Catheters, methods of bladder catheterization in women and men who care for catheters and storage
• Preparation of the patient to X-ray examination of the kidneys and the IMP.

**4. Questions for self-control**
• What are the main problems of nursing of patients with kidney disease?
• What kinds of violations of urine you know?
• How can reflexively cause urination?
• How to measure daily urine output?
• How to care for patients with urinary incontinence?
• How to collect urine for a general analysis?
• How to conduct a study glyukouricheskogo profile?
• How to conduct sample Zimnitsky?
• How to evaluate the results of the sample Zimnitsky?
• What carried the sample Rehberg, equipment research?
• What are the features of bladder catheterization in men and women?
• Terms of catheter care and storage.
• How to provide first aid to the patient with renal colic?

**5.Compulsory course literature**

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Supplementary course literature

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**6.List questions and tasks for independent work.**

|  |  |
| --- | --- |
| **Chapters and topics for independent work** | **Kinds and content of independent work** |
| Topic 13. Observation and care of patients with diseases of the URINARY  | Work with literature, internet-resources, duty for 2 in MI |

**LESSON 14. Observation and care of the heavy and moribund patients.**
The purpose of the activity: to learn especially the care and monitoring of cancer patients with severe pain, agonizing sick.

1**. Tasks:**
1. Identify the role of the major pathological symptoms in oncology.
2. Examine ways of care and monitoring of heavy and moribund patients.
3. Meet with the features of the medical staff in intensive care units and intensive care.
4. Know the signs of death and the rules for handling the corpse.

**2. Concepts that must be internalized by students**• The definition of "pain", "constant care";
• The concept of the intensive care unit;
• Clinical and biological death;

**3. Questions to employment**• The definition of "pain", "constant care";
• The list of factors that alters the perception of pain by the patient;
• The concept of the threshold of pain; approaches to assess the nature of pain;

• The main reasons for the unsatisfactory pain relief in patients;
• Caring for patients who are unconscious.
• The concept of intensive care, especially the work of medical personnel in the intensive therapy.
• The concept of clinical death.
• Technique of first aid: chest compressions, ventilation by the method of "mouth to mouth" and "mouth to nose."
• The observation of biological death and rules dealing with the corpse.

**4. Questions for self-control**

• What is pain?
• What ongoing care?
• What factors contribute to the change in the perception of pain patients?
• What causes can lead to inadequate pain relief?
• How to assess the severity of the pain?
• What is the therapeutic strategy in patients with severe pain?
• What is clinical death?
• What is the sequence of assistance when you stop breathing and blood circulation?
• How to carry out CPR, with the participation of the Recovery?
• How to carry out CPR, with the participation of two rescuers?
• Who has the right to ascertain the biological death?
• What are the rules for handling the corpse?

**5. Compulsory course literature**

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**6.List questions and tasks for independent work.**

|  |  |
| --- | --- |
| **Chapters and topics for independent work** | **Kinds and content of independent work** |
| Topic 14. Observation and care of the heavy and moribund patients. | Work with literature, internet-resources, duty for 2 in MI |

**Lesson 15. CARE OF THE ELDERLY PATIENTS AND PERSONS OF THE ELDERLY AGE.**

The purpose of the lesson: to learn the features of care and observation of elderly patients.

**1. Tasks:**

1. To determine the role of the main pathological symptoms in elderly patients.

2. To learn how to care and monitor elderly patients.

3. To get acquainted with the features of the work of medical personnel in the departments of gerontology

**2. The basic concepts that should be learned by students**

· Definition of the concept of “aging”, “degenerative processes”;

· The concept of biological age;

· Methods for caring for the elderly.

**3. Questions for the lesson**

1. The definition of "biological age", "passport age."

2. A list of factors affecting aging.

3. The main causes of aging.

4. Care for the elderly.

5. Features of the work of medical personnel in the departments of gerontology.

**4. Questions for self-control**

1. What is aging?

2. What is biological age?

3. What factors contribute to aging?

4. What are the causes of aging?

5. What are the rules for caring for the elderly?

**5. Compulsory course literature**

Davidson`s Principles and Practice of Medicine [Текст]/ ed. N. A. Boon [et al.]. -20th. ed.. -Edinburgh: ELSEVIER, 2008. -1381 p.: il.

Supplementary course literature

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**6.List questions and tasks for independent work.**

|  |  |
| --- | --- |
| **Chapters and topics for independent work** | **Kinds and content of independent work** |
| Topic 15. CARE OF THE ELDERLY PATIENTS AND PERSONS OF THE ELDERLY AGE. | Work with literature, internet-resources |

**Lesson 16. Observation and care of dying patients. Palliative care**.

**The purpose of the lesson:** to learn the features of care and observation of cancer patients with severe pain syndrome, agonizing patients.

**1. Tasks:**
1. Determine the role of the main pathological symptoms in cancer.
2. To study the methods of care and observation of severe and agonizing patients. 3. Get acquainted with the peculiarities of the work of medical personnel in intensive care units.
4. Learn the basics of palliative care for the population. 5. Know the signs of death and the rules for handling the corpse.

**2. Basic concepts to be learned by students** \* definition of "pain", " permanent care»; \* palliative care; \* the concept of resuscitation; \* agonizing patients; \* clinical and biological death.

**3. Questions for the lesson**
1. Problems of incurable and dying patients.
2. Fundamentals of palliative care for the population. Legal and regulatory framework. Organization and forms of palliative care for the population.
3. The concept of pain threshold; approaches to assessing the nature of pain. A list of factors that modify the patient's perception of pain, an assessment of the severity of pain syndrome (visual analog scale (VAS)).
4. The main causes of unsatisfactory pain relief in patients.
5. Care for patients who are in an unconscious state.
6. The concept of resuscitation, features of the work of medical personnel in intensive care units.
7. The technique of first aid: indirect heart massage, artificial ventilation of the lungs by the method of "mouth to mouth" and "mouth to nose".

**4. Questions for self-monitoring**
1. General rules for the care of severe and agonizing patients
2. Patient care at the hospice. Medical care, general care, substitute care, educational care, family care.
3. Ethical principles of working with dying patients and their relatives. Assessment of the quality of life and ways to optimize it. Ethical and legal aspects of informing terminally ill patients
4. Teaching the patient self-care techniques and relatives to care for the terminally ill.
5. What is pain?
6. What is permanent care?
7. What factors contribute to changing the patient's perception of pain?
8. What causes can lead to inadequate pain management?
9. How to correctly assess the severity of pain?
10. What is the treatment strategy for patients with severe pain syndrome?
11. What is clinical death?
12. What is the sequence of assistance in stopping breathing and blood circulation? 13. How is cardiopulmonary resuscitation performed with the participation of one resuscitator?
14. How to carry out CPR with two rescuers?

15. Who has the right to declare biological death?

16. What are the rules for handling a corpse?

**5. Basic and additional literature**
1. Ослопов В. Н. Общий уход за больными в терапевтической клинике [Текст] : учеб. пособие для мед. вузов/ В. Н. Ослопов, О. В. Богоявленская. - 3-е изд., испр. и доп.. - Москва : ГЭОТАР-Медиа, 2013. – С. 403-419.

2. Обуховец Т.П. Сестринское дело и сестринский уход : учебное пособие / Т.П. Обуховец. — М. : КНОРУС, 2016. — С. 303-343. - Режим доступа: https://static.my-shop.ru/product/f16/242/2414123.pdf

3. Приказ Минздрава России N 345н, Минтруда России N 372н от 31.05.2019 "Об утверждении Положения об организации оказания паллиативной

медицинской помощи, включая порядок взаимодействия медицинских организаций, организаций социального обслуживания и общественных объединений, иных некоммерческих организаций, осуществляющих свою деятельность в сфере охраны здоровья" (Зарегистрировано в Минюсте России 26.06.2019 N 55053). Министерство здравоохранения РФ. Банк документов https://www.rosminzdrav.ru/.

4. Постановление Правительства РФ от 20.09.2012 №950 «Об утверждении Правил определения момента смерти человека…» Министерство здравоохранения РФ. Банк документов https://www.rosminzdrav.ru/.

**Additional literature**

1. Гребенев А.Л. Основы общего ухода за больными: учеб. пособие для студентов мед. вузов / А.Л. Гребенев, А.А. Шептулин. - М.: Медицина, 2006. – 254 с.

2. Маколкин В. И., Овчаренко С. И., Семенков Н. Н. Сестринское дело в терапии. - 2008. - 544 с.

3. Мурашко В.В. Общий уход за больными: учеб. пособие для студентов вузов / В.В. Мурашко, Е.Г. Шуганов, А.В. Панченко. - М.: Медицина, 1988.- 224 с.

4. Основы сестринского дела: учеб. для студ. сред. проф. 0-753 учеб. заведений / [И.Х.Аббасов, С.И.Двойников, Л.А.Карасева и др.] ; под ред. С.И.Двойникова. — 2-е изд., стер. — М.: Издательский центр «Академия», 2009. — 336 с.

Software and Internet resources

<http://www.bibliotekar.ru/624-7/14.htm>

http://[patronage.ru](http://www.patronage.ru/)

<http://allmedbook.ru>

<http://health.mail.ru/tena/video.html>

**6.List questions and tasks for independent work.**

|  |  |
| --- | --- |
| **Chapters and topics for independent work** | **Kinds and content of independent work** |
| Topic 16. Observation and care of dying patients. Palliative care. | Work with literature, internet-resources |

**lesson 17. The Theme Of The Conference. credit with an assessment.**
**The purpose of the conference** is to increase the motivation for a more interested and in-depth study of the discipline among students.

**Objectives of the conference:**1. Involve students in active participation in scientific, educational and methodological activities of the department.
2. Promote the formation of a natural need and skill in creative and analytical activities.
3. Strengthen and train the skill of correct and clear preparation and presentation of the report.
4. if necessary, be able to briefly present your work to your fellow students and teachers.

The lesson is held on the principle of a conference - 2 hours. the conference host is a teacher. to organize a discussion, students are offered the following topics for messages:
1. The basics of the legislation:
- Article 20.1. Programs of state guarantees of providing citizens with free medical care. - article 30. The rights of the patient.
- article 31. The right of citizens to information about their health status.
- Article 34. Provision of medical care without the consent of citizens.
- Article 39. Emergency medical care.
- Article 40. Specialized medical care.
- Article 43. Procedure for the use of new methods of prevention, diagnosis, treatment, medicines and biomedical research.
- Article 45. prohibition of euthanasia.
- Article 48. conducting pathologic and anatomical autopsies.
- article 54. the right to engage in medical and pharmaceutical activities.
- Article 58. Doctor.

Unacceptable actions of the doctor:
- Negligent attitude to their duties, which led to a deterioration in their health (criminal negligence) - Article 293 of the Criminal Code.

* Violation of anti-epidemic rules, if they caused the spread of infectious diseases Article 236 of the Criminal Code.
* gross violation of the technique of manipulation, which resulted in the death of the patient (manslaughter-causing death by negligence) Article 109 of the criminal code.
* Theft of narcotic drugs Article 233 of the Criminal Code.
* failure to provide assistance by a person who is obliged to provide it - article 124 of the criminal code.
* Non-compliance with medical confidentiality Article 61 (fundamentals of legislation) and Article 137 of the Criminal Code

2. Types of interaction between a medical worker and a patient.
3. Verbal and nonverbal technologies of communication between a medical worker and a patient.
4. Assessment of violations of the needs of the caregiver (classification and hierarchy of human needs, the main categories of life activity, their violation).
5. Modern technology of nutrition in the care of patients.
6. Prevention of falls in older patients.
7. Technology of communication with a dying patient.
8. Features of care and monitoring of patients with respiratory diseases of the elderly and senile age.
9. Features of observation and care of patients with diseases of the circulatory system of the elderly and senile age.

10. Features of care for patients with gastroenterological diseases of the elderly and senile age.

11. Features of care for elderly and senile patients with diseases of the kidneys and urinary tract.
12. Individual nursing post.
13. Features of care for agonizing patients.
14. features of care for cancer patients.
15. Features of care for patients with severe pain syndrome.

16. Observation and care of surgical patients.

Each report is made in the form of an abstract or presentation. In addition to the main speaker, for each message, it is proposed to choose 2 opponents who could comment on the main message, highlight controversial points. The teacher also comments on each of the messages and supports the discussion, inviting each participant of the conference to discuss. Credit with a score of 2 hours.

The final grade for module 1 - "Patient care" is set taking into account the current academic performance, the quality of the diary-report, the amount of work performed, the results of the final test control and the interview on the question for the test.

**5. Basic and additional literature**
1. Ослопов В. Н. Общий уход за больными в терапевтической клинике [Текст] : учеб. пособие для мед. вузов/ В. Н. Ослопов, О. В. Богоявленская. - 3-е изд., испр. и доп.. - Москва : ГЭОТАР-Медиа, 2013. – С. 403-419.

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4. Постановление Правительства РФ от 20.09.2012 №950 «Об утверждении Правил определения момента смерти человека…» Министерство здравоохранения РФ. Банк документов https://www.rosminzdrav.ru/.

**Additional literature**

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4. Основы сестринского дела: учеб. для студ. сред. проф. 0-753 учеб. заведений / [И.Х.Аббасов, С.И.Двойников, Л.А.Карасева и др.] ; под ред. С.И.Двойникова. — 2-е изд., стер. — М.: Издательский центр «Академия», 2009. — 336 с.

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**6. List questions and tasks for independent work.**

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| **Chapters and topics for independent work** | **Kinds and content of independent work** |
| Topic 17. Conference | Work with literature, internet-resources |