

DANYLO HALYTSKY LVIV NATIONAL MEDICAL UNIVERSITY

Department: Propaedeutics of Internal Medicine

PRACTICE: CARE OF PATIENTS IN THE THERAPEUTIC DEPARTMENT OF THE HOSPITAL

(specialty 222 "Medicine")

Verification of learning outcomes

№	Code type of practical skills	Method of verifying learning outcomes (demonstration of practical skills) (P 11: Kn-11,Ab-11, C-11, AR-11)	Enrollment criteria
1.	P-1	Be able to conduct an initial examination and sanitation of the patient in the hospital admission department	<p>Criteria for assessing the implementation of practical skills:</p> <p>performing practical skills without mistakes -5 points,</p> <p>• performance of practical skills with some shortcomings corrected by the student -4 points,</p> <p>performance of practical skills with shortcomings corrected by the teacher - 3 points,</p> <p>• no practical skill - 0 points</p>
2.	P -1	Transport patients in wheelchairs, stretchers, transfer the seriously ill to bed, use a functional bed and provide a comfortable position for the patient	
3.	P -1	Be able to prepare a suitable disinfectant solution and carry out sanitary treatment of bedside tables and window sills in the ward, to carry out wet cleaning of the manipulation room.	
4.	P -1	Prepare utensils for collecting sputum, urine, feces, vomit and gastric lavage for laboratory testing, know how to send them to the laboratory and disinfect utensils	
5.	P -2	Be able to conduct anthropometric research: determine the height, body weight, calculation of body mass index	
6.	P -2	Measure body temperature and evaluate results, fill in the temperature sheet	
7.	P -2	Carry out care for patients with fever and during critical fever decrease.	
8.	P -2	Calculate respiratory rate, examine pulse, and measure blood pressure in the brachial and femoral arteries	
9.	P -3	Make diets for various diseases	
10.	P -3	Instill drops in the nose, ears, eyes. Apply ointments on the eyelids	
11.	P -3	Apply medical jars, mustard plaster, warming and cooling compresses, use a warmer and an ice pack	
12.	P -3	Insert rectal and vaginal suppositories, rub ointments, apply patches, apply powders	
13.	P -3	Carry out processing of reusable instruments before sterilization and quality control of its implementation	
14.	P -3	Sterilize medical instruments, dressings and care items, sterilization control	

15.	P -3	Carry out treatment of baths and tools for physiotherapy procedures	
16.	P -4	Provide emergency care to patients with heart pain, collapse, asthma attacks, cough, dyspnea, hemoptysis, pulmonary bleeding, vomiting and aspiration of vomit	
17.	P -4	To change underwear and bed linen for the seriously ill patient	
18.	P -4	Be able to demonstrate on the model the technique of setting cleansing, siphon, therapeutic and hypertonic enemas	
19.	P -4	Be able to use a liner and a urinal, a gas tube	
20.	P -4	Carry out disinfection and storage of equipment for enemas, gas discharge tube	
21.	P -4	Carry out hygienic procedures for the care of the skin and mucous membranes (care of the oral cavity: irrigation, rinsing, brushing teeth; eye toilet: rinsing, eye baths; cleaning of the external canal of ears; nasal toilet, cleaning of the nasal passages)	
22.	P -4	Be able to feed a patient in bed with a spoon, a drinker	
23.	P -4	Carry out skin care in case of decubitus	
24.	P -4	Demonstrate on the phantom method of resuscitation (artificial lung ventilation, closed chest cardiac massage)	
The sum of points for the implementation of practical skills			The maximum number of points is 120 (24 x 5). The minimum number of points is 72 (24 x3)
<p>Final control List of questions for the final control (differentiated credit)</p> <ol style="list-style-type: none"> 1. The structure and main tasks of patient care. 2. Basic rules and requirements of medical ethics and deontology. 3. Define special care for patients. 4. Types of treatment and prevention facilities, structure and functions. 5. Hospital reception department, functions. 6. Reception, registration and sanitation of the patient. 7. Sanitary and anti-epidemic regime of medical and preventive institutions. 8. Treatment and protection regime, elements and significance for the patient. 9. Modes of physical activity. 10. Measurement of body temperature, registration (digital, graphic), evaluation of results. 11. Note the indicators of pulse, arterial blood pressure, temperature on the form of the temperature sheet, offered by the teacher, to draw a conclusion about their conformity to norm and about type of a temperature curve. 12. Stages of fever, main symptoms. Care for patients with fever. 13. Observation of respiration (frequency, depth, rhythm). Respiratory rate calculation, digital and graphic recording. 14. Thermometer: structure, rules of storage and use, disinfection. 15. Pulse: research technique, properties, digital and graphic image in the temperature sheet. 16. Blood pressure: measurement technique, evaluation, digital and graphical recording, blood pressure disorders. 			

17. Types and methods of disinfection.
18. Types and methods of sterilization.
19. The organization of food of patients in a hospital. Control of transfers from home, food storage.
20. Dietary food. Characteristics of diet tables.
21. Artificial feeding: through a tube, gastrostomy, with a nutritional enema, parenteral.
22. Therapeutic nutrition, basic principles. Feeding the seriously ill.
23. Providing emergency medical care in case of fainting.
24. Helping the patient during vomiting.
25. Gastric lavage, indications, contraindications, technique.
26. Cleansing enema, indications, contraindications, technique.
27. Siphon enema, indications, contraindications, technique.
28. Therapeutic enema, indications, contraindications, technique.
29. Oil enema, indications, contraindications, technique.
30. Flatulence, the use of a gas tube.
31. The mechanism of action of the hot water bags: indications, contraindications, technique.
32. Mechanism of action, indications for use, technique of application of *ice* pack.
33. Indications, contraindications, anatomical areas, technique of medical cupping glasses.
34. Indications, contraindications, technique of applying mustard plasters.
35. Indications, contraindications, types and use of compresses.
36. External use of medications: rubbing ointments, instilling drops in the nose, ears, eyes.
37. Enteral administration of medications: through the mouth, under the tongue, rectally.
38. Laboratory examination of sputum. Patient preparation, equipment, sending material to the laboratory.
39. Laboratory examination of urine. Patient preparation, equipment, sending material to the laboratory.
40. Laboratory examination of feces. Patient preparation, equipment, sending material to the laboratory.
41. Processing of instruments before sterilization, quality control of pre-sterilization processing.
42. Sterilization of medical instruments, dressings and care items, sterilization control.
43. Care of patients with fever and during a critical decrease in temperature.
44. External use of drugs: rubbing ointments, applying patches, application of powders.
45. Collection of sputum for laboratory research (general, bacteriological).
46. Urine collection for general analysis, research on sugar, amylase.
47. Collection of urine by the method of Zymnysky, Nechyporenko.
48. Fecal collection for laboratory research: coprological, bacteriological, occult blood, helminth eggs.
49. Demonstrate the method of transporting the patient on a stretcher (wheelchair) and transfer him on the bed.
50. Demonstrate the skills of using a functional bed and providing appropriate provisions to the patient in case of asthma attack and collapse.
51. Change of bed and underwear for the seriously ill patients. Rules for storing clean and dirty laundry in the hospital.
52. Demonstrate on the model the method of instilling drops in the ears, nose, eyes.
53. Demonstrate the method of preparation of a hot water bag and a *ice* pack and their use.
54. Demonstrate the method of application of mustard plaster.
55. Demonstrate the method of feeding a patient bedridden.
56. To prepare the necessary equipment for a cleansing enema, to demonstrate the method of its application on the model.
57. Demonstrate on the model the method of using the underlying vessel and the urinal in male and female patients.
58. To prepare the necessary means and to carry out hygiene of an oral cavity, a nose and ears to the seriously ill.
59. Prepare the necessary tools to prevent the formation of bedsores.
60. Demonstrate on the phantom the technique of resuscitation (artificial lung ventilation, indirect heart massage).

General evaluation system	<i>The grade for the internship consists of the sum of points for the student's performance of practical skills and differentiated credit (60% / 40%) on a 200-point scale</i>	
Rating scales	<i>Traditional 4-point scale, multi-point (200-point) scale, ECTS rating scale</i>	
Conditions of admission to the final control	<p><i>Students who are admitted to the final control (differential test) for the care of patients in the therapeutic department of the hospital are:</i></p> <ul style="list-style-type: none"> • <i>completed the internship program,</i> • <i>have properly executed reporting documents:</i> <ul style="list-style-type: none"> - <i>practice diary (Appendix 1),</i> - <i>positive characteristics of the general manager from the base of practice (Appendix 2);</i> - <i>received for the performance of practical skills not less than 72 points.</i> 	
Type of final control	In accordance with the requirements of the program, on the last day of practice students make a differentiated test	<p><i>Enrollment criteria:</i></p> <ul style="list-style-type: none"> - <i>the maximum number of points for the final control - 80,</i> - <i>minimum number of points - 50.</i>

Criteria for assessing differentiated credit

Differentiated credit	<p>Conducted in writing and includes:</p> <ul style="list-style-type: none"> - 60 test tasks; - 2 situational tasks. 	<p><i>Enrollment criteria:</i></p> <ul style="list-style-type: none"> - correct answer to the test task - 1 point; - solving a situational problem without errors - 10 points; - solving a situational problem with some insignificant errors - 8 points; - solving a situational problem with significant errors - 6 points; - failure to solve a situational problem - 0 points.
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The assessment for practice consists of:

- the amount of points for the student's practical skills, which are checked by the immediate supervisor from the base of practice (maximum 120 points - minimum 72 points),
- points for the final control, which are set when conducting a differentiated test (maximum 80 points - minimum 50 points).

Points from the discipline are independently converted into both the ECTS scale and the 4-point scale.

Student scores are ranked on the ECTS scale as follows:

Table 1

Points ECTS	The statistical indicator
A	The best 10% of students
B	The next 25% of students
C	The next 30% of students
D	The next 25% of students
E	The last 10% of students

Practice points for students who have successfully completed the program are converted into a traditional 4-point scale according to absolute criteria:

Table 2

Points from discipline	Grade on 4-point scale score
From 170 to 200 points	5
From 140 to 169 points	4
From 139 points to the minimum	3
The number of points that student must collect	2

Head of the chair

Professor Dutka R.J.