

FEDERAL STATE BUDGET EDUCATIONAL INSTITUTION
OF HIGHER EDUCATION
"ROSTOV STATE MEDICAL UNIVERSITY"
MINISTRY OF HEALTH OF THE RUSSIAN FEDERATION

Faculty of Education of foreign students, residents and postgraduates

CONFIRM
Supervisor
educational program / E.S. Belousova /
(signature) *(FULL NAME.)*
"31" *август* 2023



THE PROGRAM OF EDUCATIONAL PRACTICE
DIAGNOSTIC PROFILE PRACTICE

Speciality 31.05.01 General medicine

Form of education full-time

Rostov-on-Don
2023

1. Practice goals- consolidation of lessons learned in practical classes students' professional skills in examining a patient, the basics of clinical thinking, the basic principles of medical ethics and deontology, introducing students to the work of medical organizations and the peculiarities of the work of diagnostic rooms, consolidating practical skills in diagnostic methods in therapy and emergency care.

2. Objectives of practice

- Consolidation and improvement of survey methods patient (questioning, examination, palpation, percussion, auscultation).
- Study of the main clinical symptoms and syndromes of diseases of internal organs.
- Studying the characteristics of the work of doctors in diagnostic rooms.
- Study of the features of additional diagnostics in patients with therapeutic diseases.

3. Place of practice in the structure of the EP: practice is a mandatory part of the OP.

4. Types of practice *production*

5. The practice is aimed at developing the following competencies in accordance with the Federal State Educational Standard for Higher Education in this specialty:

OPK 4. Able to use medical devices provided for in the procedure for providing medical care, as well as conduct examinations of the patient in order to establish a diagnosis.

ID1 GPC-4 Able to use medical devices in diagnostic studies provided for in the procedures for providing medical care ID2 GPC-4 Able to apply diagnostic methods, including the use of instrumental methods, when examining a patient in order to establish a diagnosis

6. Structure and content of practice

The total labor intensity of the practice is 6 credit units, 216 hours

<i>No.</i>	<i>Stages of practice</i>	<i>Trudeau capacity t (hour)</i>	<i>Skills acquired according to competencies/labor actions, necessary skills, necessary knowledge</i>	<i>Forms current control</i>
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1	Preparatory stage		6	Briefing security. By technology	-
2	Production venous stage	CSO	6	GPC 4. Capable of using medical devices, provided for by the procedure for providing medical care, as well as conduct examinations of the patient in order to establish a diagnosis.	emostration practically An skills
		Base practices	126	ID-1, ID 2,	estating
3	On your own linen Job		72	Working on the platform Distance Learning (DL) RostSMU (educational films, educational and methodological materials). Studying educational and methodological literature. Making a practice diary	-
4	Test		6	Based on current performance results	
	TOTAL (hour) ZET		216 6		

7. Form and documentation of intermediate certification (based on the results of practice)

Reporting form based on the results of practice - Test.

Documentation

Annex 1

Student practice diary

DATE	Contents of the work performed

CHARACTERISTICS OF A

_____ group student FULL NAME. _____

The manager must reflect the following indicators:

1. Level of theoretical training.
2. Possession of practical skills.
3. Initiative, creativity, communication skills.
4. Compliance with labor discipline and appearance requirements.
5. Compliance with ethics and deontology.

Practice score:

Head of the organization _____ FULL NAME.

signature

Head of practice from RostSMU Full name _____

signature

Organization seal _____ Date _____

List of practical skills.

1. Methodical questioning of the patient.
2. General inspection. Palpation of lymph nodes. Inspection and palpation of joints.
3. Examination of the chest.
4. Palpation of the chest.
5. Comparative percussion of the lungs.
6. Topographic percussion of the lungs.
7. Auscultation of the lungs.
8. Examination of the heart area.
9. Palpation of the heart.
10. Percussion of relative and absolute dullness of the heart, vascular bundle.
11. Auscultation of the heart.
12. Study of veins and arteries.
13. Study of arterial pulse.
14. Determination of blood pressure using the Korotkov method.
15. Examination of the oral cavity and abdomen.
16. Percussion of the abdomen.

17. Superficial indicative palpation of the abdomen.
18. Methodological deep sliding palpation of the abdomen according to the method of V.P. Obratsov and N.D. Strazhesko.
19. Auscultation of the abdomen.
20. Inspection of the liver and spleen area.
21. Liver percussion. Determination of the boundaries and size of the liver.
22. Palpation of the liver and gall bladder.
23. Percussion of the spleen.
24. Palpation of the spleen.
25. Inspection of the lumbar region and suprapubic region.
26. Percussion of the kidneys and bladder.
27. Palpation of the kidneys and bladder.
28. Palpation of the thyroid gland.
29. Reading and interpretation of spirometry results.
30. Reading and interpretation of sputum analysis.
31. Reading and interpretation of pleural fluid analysis.
32. Carrying out gastric intubation. Reading and interpretation of gastric juice analysis results.
33. Carrying out duodenal intubation. Reading and interpretation of the results of analysis of duodenal contents.
34. Reading and interpretation of scatological analysis.
35. Reading and interpretation of biochemical blood test (main indicators).
36. Reading and interpretation of urine tests (general, according to Nechiporenko, according to Zimnitsky).
37. Reading and interpretation of clinical blood tests.
38. Technique for recording ECG.
39. Decoding of ECG. Interpretation of the found changes.
40. Completing a medical history.
41. Performing indirect cardiac massage.
42. Carrying out artificial ventilation of the lungs.
43. Provide emergency care for hypoglycemic coma.
44. Determine glycemia using a glucometer.
45. Determine acetone in urine using the express method.
46. Determine the body mass index, the ratio of waist to hip volume.

47. Peak flowmetry. Spirometry, interpretation of results.
48. Methodology and types of allergy tests and evaluation of the results obtained
49. Evaluation of the results of blood and urine tests.
50. Interpretation of biochemical blood tests for somatic and infectious diseases.
51. Procedure for conducting and interpreting Mantoux and Pirquet samples.
52. Determination of blood group according to the ABO and Rh system.
53. Assessment of coagulogram.
54. Evaluation of the results of ultrasound scanning of the kidneys.
55. Evaluation of the results of radiographic examination of the chest organs.
56. Evaluation of the results of bronchoscopy and bronchography.
57. Evaluation of the results of computed tomography of the thoracic and abdominal organs.

- 58. Methodology for conducting electrocardiographic studies;
- 59. Methodology for performing sternal puncture
- 55. Methodology for performing pleural puncture.
- 60. Preparing the patient for x-ray, endoscopic and ultrasound examinations.
- 61. Emergency care for hypertensive crisis, acute left ventricular failure.
- 62. Emergency care for hyper- and hypoglycemic comas.

9. Fund of assessment tools for determining the level the formation of competencies as a result of internship is an annex to the internship work program.

10. Educational, methodological and information support for practice

1. Mukhin, N. A. Propaedeutics of internal diseases: textbook / Mukhin N. A., Moiseev V. S. - Moscow: GEOTAR-Media, 2020. - 848 p. - ISBN 978-5-9704-5327-8. Mode access: <http://www.studmedlib.ru/book/ISBN9785970453278.html>
2. Shamov, I. A. Propaedeutics of internal diseases with elements of radiation diagnostics: textbook / Shamov, I. A. - Moscow: GEOTAR-Media, 2016. - 512 s. - ISBN 978-5-9704-3597-7. - Access mode: <http://www.studmedlib.ru/ru/book/ISBN9785970435977.html>
3. Ivashkin, V. T. Propaedeutics of internal diseases: textbook / V. T. Ivashkin; edited by A.V. Okhlobystina. - Moscow: GEOTAR-Media, 2020. - 784 p. - ISBN 978-5-9704-5698-9. - Access mode: <http://www.studmedlib.ru/book/ISBN9785970456989.html>
4. Ignatenko, G. A. Propaedeutics of internal diseases: textbook / G. A. Ignatenko, O. V. Remizov, V. A. Tolstoy. - Moscow: GEOTAR-Media, 2020. - 816 p. - ISBN 978-5-9704-5827-3. - Access mode: <http://www.studmedlib.ru/book/ISBN9785970458273.html>
5. Makolkin, V. I. Internal diseases: textbook / Makolkin V. I., Ovcharenko S. I., Sulimov V. A. - 6th ed. ,recycled and additional Moscow : GEOTAR-Media, 2017. - 768 p. - ISBN 978-5-9704-4157-2. Access mode: <http://www.studmedlib.ru/book/ISBN9785970441572.html>
6. Martynov, A. I. Internal diseases: T. I.: textbook / ed. Martynova A.I., Kobalava Zh.D., Moiseeva S.V. - Moscow: GEOTAR-Media, 2021. - 784 p. - ISBN 978-5-9704-5886-0. Mode <http://www.studmedlib.ru/access/ISBN9785970458860.html> A.I. Martynov,
Internal diseases: T. II. : textbook / ed. Martynova A. I., Kobalava Zh. D., Moiseeva S. V. - Moscow: GEOTAR-Media, 2021. -

- 704 p. - ISBN 978-5-9704-5887-7. - Access mode: <http://www.studmedlib.ru/book/ISBN9785970458877.html>
7. Internal diseases: textbook in 2 volumes/ed. N.A. Mukhina, V.S. Moiseeva, A.I. Martynova. 3rd edition, rev. and additional -M.:GEOTAR-Media, 2005,2009,2011.-T.1-672p.: ill..T.2-592p.Ill.+CD/.
8. Dedov, I. I. Endocrinology: textbook / I. I. Dedov, G. A. Melnichenko, V. V. Fadeev - Moscow: Litterra, 2015. - 416 With. - ISBN 978-5-4235-0159-4. - Access mode [:http://www.studmedlib.ru/ru/book/ISBN9785423501594.html](http://www.studmedlib.ru/ru/book/ISBN9785423501594.html) .
9. Endocrinology: national guide / ed. I. I. Dedova, G. A. Melnichenko. - 2nd ed. ,recycled and additional - Moscow: GEOTAR-Media, 2018. - 1112 p. : ill. - 1112 s. - ISBN 978-5-9704-4604-1. Access mode :<http://www.studmedlib.ru/book/ISBN9785970446041.html>
10. Ametov, A. S. Endocrinology / A. S. Ametov, S. B. Shustov, Yu. Sh. Khalimov, - Moscow: GEOTAR-Media, 2016. - 352 p. - ISBN 978-5-9704-3613-4. Mode access: <http://www.studmedlib.ru/book/ISBN9785970436134.htm>

additional literature

1. Kulikov, A. N. Propaedeutics of internal diseases in drawings, tables and diagrams: textbook / ed. A. N. Kulikova, S. N. Shulenina. - Moscow: GEOTAR-Media, 2021. - 624 p. : ill. - 624 s. - ISBN 978-5-9704-6166-2. Access mode:<http://www.studmedlib.ru/book/ISBN9785970461662.html>
2. Nechaev, V. M. Propaedeutics of clinical disciplines: textbook / Nechaev V. M. - Moscow: GEOTAR-Media, 2018. - 288 p. - ISBN 978-5-9704-3829-9. Access mode: <http://www.studmedlib.ru/book/ISBN9785970438299.html>
3. Shchekotova, V.V. Differential diagnosis of internal diseases / ed. V. V. Shchekotova, A. I. Martynova, A. A. Spassky. - Moscow: GEOTAR-Media, 2018. - 928 p. - 928 p. - ISBN 978-5-9704-4778-9. Access mode :<http://www.studmedlib.ru/book/ISBN9785970447789.html> .
4. Usanova, A. A. Rheumatology / ed. A. A. Usanova - Moscow: GEOTAR-Media, 2018. - 408 p. - ISBN 978-5-9704-4275-3. Access mode :<http://www.studmedlib.ru/book/ISBN9785970442753.html>
5. Gantseva, Kh. Kh. Clinical examination of the patient / Gantseva Kh. Kh. , Ishmuratova R. Sh., Kzyrgalin Sh. R., Gainullin A. Kh. - Moscow: GEOTAR-Media, 2021. - 208 p. - ISBN 978-5-9704-6035-1. Access mode :<http://www.studmedlib.ru/book/ISBN9785970460351.html>
6. Ivashkin V.T., Drapkina O.M. Clinical diagnosis.- M.: Litterra, 2011.-224 p.

7. Internal diseases. Guide to practical classes in faculty therapy: textbook. / ed. IN AND. Podzolkova - M. : GEOTAR-Media, 2010. - 640 pp.: ill.
8. 7. Dvoretzky L.I., Mikhailov A.A., Strizhova N.V., Chistova V.S. Internal illnesses. 333 test problems and comments to them: textbook. 2nd edition, revised. and additional - M.: GEOTAR-Media, 2010. - 160 p.: ill.
Access mode:<http://www.studmedlib.ru/ru/book/ISBN9785970414828.html>
9. Abdurakhmanov D.T. Chronic hepatitis B and S.-M.:GEOTAR- Media, 2010.-288 p.
10. Abramova A.A. and others (edited by V.I. Podzolkov). Internal illnesses. Guide to practical classes in faculty therapy: training manual. 2010. 640 p.
Access mode:<http://www.studmedlib.ru/ru/book/ISBN9785970411544.html>

Educational and methodological support for practice, prepared by department staff.

- Electronic and digital technologies:

- 1. Multimedia presentations** for lectures posted on platform DO RostSMU.
- 2. Video “Basic diagnostic methods”**» on the DO platform RostSMU.
- 3. Electronic teaching aids** on the platform of RostSMU.