

Federal State Budgetary Educational Institution of Higher Education  
institution of higher education  
«Volgograd State Medical University Ministry of Health of the Russian  
Federation»

INDIVIDUAL TASK

for the competences set by the working programme of the practice  
"Pharmacognosy practice"

student of course group,  
students of the educational programme  
speciality 33.05.01 Pharmacy, speciality (profile) Pharmacy

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(Full name)

Practice period: from \_\_\_\_\_ to \_\_\_\_\_ .

Practice base: \_\_\_\_\_.

Practice supervisor from VolgSMU: \_\_\_\_\_, \_\_\_\_\_.

PRACTICE CONTENT:

Procedure for the conduct of the practice:

- 1) The duration of the internship is 24 days (216 hours/ 6 s.e.)
- 2) The student works as a student-researcher under the guidance of the internship supervisor; the internship supervisor corrects and controls his/her activity.
- 3) When starting the internship, the student must get acquainted with the internal regulations of the enterprise (organisation, institution), be instructed on safety.
- 4) The student shall keep a diary with daily records of the work done.
- 5) The internship shall be completed with an interim assessment, the time of which shall be set by the schedule of the educational process.

Purpose of practice: acquisition of professional skills and practical skills on the issues of procurement of medicinal plant raw materials of various morphological groups taking into account the rational use and reproduction of natural resources, acquisition of professional skills and abilities on the issues of acceptance, standardisation, storage, dispensing of medicinal plant raw materials and finished medicines; consolidation and improvement of theoretical knowledge and norms of professional ethics obtained by students in the lecture-laboratory course.

Objectives of the practice:

- Acquisition of professional skills and abilities in procurement, standardisation, storage and dispensing of medicinal plant raw materials;
- Mastering the relevant professional competences in the course of mastering the professional module.

PLANNED PRACTICE RESULTS:

During the internship the student shall acquire skills (experience of activity):

- organisation and harvesting of medicinal plant raw materials taking into account the rational use of medicinal plant resources, predict and justify ways to solve the problem of protection of medicinal plant thickets and preservation of their gene pool;
  - primary processing, standardisation and drying of medicinal plant raw materials;
- determination of authenticity and good quality of medicinal plant raw materials within the framework of commodity analysis.

At the end of the internship, *the student should know:*

- system of rational use of natural resources of medicinal plants and their protection;
- characterisation of the raw material base of medicinal plants and the system of procurement of medicinal plant raw materials in the country;
- basic information on habitats and areas of medicinal plants used in medical practice;
- general principles of rational harvesting of medicinal plant raw materials and measures on protection of natural, exploited thickets of medicinal plants;
- nomenclature of medicinal plant raw materials and medicines of plant and animal origin authorised for use in medical practice;
- normative documents regulating work with medicinal raw materials and medicinal products of plant origin;
- requirements to packaging and labelling of medicinal plant raw materials;
- rules of acceptance of medicinal plant raw materials from suppliers in pharmacies;
- rules for storage of medicinal raw materials and medicinal products of plant and animal origin in the pharmacy.

*the student should be able to:*

- accept, standardise, analyse, process, store and dispense medicinal raw materials and herbal medicinal products of plant and animal origin
- store medicinal raw materials and medicinal products of plant and animal origin in pharmacy conditions
- to perform harvesting of medicinal plant raw materials of different morphological groups.

Requirements to the results of mastering the practice

As a result of the internship the student shall form the following competences:

YK-1	Able to critically analyse problem situations on the basis of a systematic approach, develop a strategy of action.
YK-8	Able to create and maintain safe living conditions in everyday life and professional activities to preserve the natural environment, ensure sustainable development of society, including at the threat and occurrence of emergencies and military conflicts.
ОПК-1	Able to use basic biological, physico-chemical, chemical, mathematical methods for the development, research and expertise of drugs, manufacture of pharmaceuticals.
ПК-4	Able to participate in monitoring the quality, efficacy and safety of medicines and medicinal herbal raw materials.

Topics of individual tasks on practice:

1. "Carrying out macroscopic analysis of medicinal plant material".
2. "Carrying out microscopic analysis of medicinal plant raw material".
3. "Carrying out qualitative reactions for certain groups of biologically active substances of medicinal plant raw materials".

DEVELOPED:

Head of practice from the organisation  
carrying out educational activities  
(from VolgSMU) \_\_\_\_\_

\_\_\_\_\_  
(signature)

Approved at the meeting of the UMK of the Faculty of Pharmacy  
(protocol № \_\_\_\_ from \_\_\_\_\_).

Individual assignment accepted for execution

\_\_\_\_\_  
(Full name of student)

\_\_\_\_\_  
(student's signature)

« \_\_\_\_ » \_\_\_\_\_ 20 \_\_\_\_ .

\_\_\_\_\_  
The student has fully realised the individual assignment of the internship. The student has obtained a set of knowledge, skills and competences that form the competences of the internship programme.

Head of practice from the organisation,  
carrying out educational activities  
(from VolgSMU)

\_\_\_\_\_  
(signature)

« \_\_\_\_ » \_\_\_\_\_ 20 \_\_\_\_ .

**«STUDENT BRIEFING CHECKLIST  
OCCUPATIONAL HEALTH AND SAFETY»**

I, student \_\_\_\_\_ of group \_\_ course \_\_\_\_\_ faculty, speciality \_\_\_\_\_

\_\_\_\_\_  
(Full name)  
\_\_\_\_\_  
\_\_\_\_\_

acquainted with the rules of conduct (safety and labour protection) in the laboratory, experimental, operating room and during field practical training during the practice "Pharmacognosy practice". I undertake to observe them and fulfil the legal instructions of the responsible instructor.

Student's signature \_\_\_\_\_/\_\_\_\_\_

Instructor who conducted the briefing \_\_\_\_\_/\_\_\_\_\_

Date \_\_\_\_\_