

**MINISTRY OF HEALTH OF UKRAINE**  
**DANYLO HALYTSKY LVIV NATIONAL MEDICAL UNIVERSITY**  
**DEPARTMENT OF ORGANIZATION AND ECONOMICS OF PHARMACY**

**Department: Organization and Economics of Pharmacy**

**Head of the Department: prof. Hromovyk B.P.**

**DIARY**  
**INTRODUCTORY PRACTICE**  
**THE ORGANIZATION AND ECONOMICS OF PHARMACY**

Name and surname of the student \_\_\_\_\_

\_\_\_\_\_

**Faculty: pharmacy      Course \_\_\_\_\_      Group \_\_\_\_\_**

Base of practice \_\_\_\_\_

\_\_\_\_\_

Lviv – 2017

## THE EXAMPLE OF DIARIES FROM INTRODUCTORY PRACTICE

### Making the cover page

<p><b>DIARY</b></p> <p><b>INTRODUCTORY PRACTICE FROM ORGANIZATION AND ECONOMICS OF PHARMACY</b></p> <p><b>STUDENT _____ GROUP ____ COURSE OF PHARMACY FACULTY</b></p> <p><b>DANYLO HALYTSKY LVIV NATIONAL MEDICAL UNIVERSITY</b></p>
<p>(name of pharmacy)</p>
<p>Name, surname _____</p> <p>Terms of practice:                  from « _____ » _____ 201__ p. to « _____ » _____ 201__ p.</p> <p>Supervisor of Practice from Department _____</p> <p>Supervisor of practice from pharmacy _____</p>

### LIST OF TRAINING TABLES

Table 1

#### Information on basic pharmacy

Ownership			
Sales (thousand).			
Subdivisions of pharmacy and their disposition			
Premises of pharmacy	Name	Square, m <sup>2</sup>	
		The actual	According to regulations
Pharmacy staff	The list of positions of pharmaceutical workers	Qualifying category	
The list of other pharmacies in the area of pedestrian accessibility basic pharmacy (name and address)			

Table 2

### Requirements for the frequency of cleaning of Pharmacy premises

№	Objects	frequency of cleaning
1.	Floor	
2.	Walls and doors	
3.	Ceiling	
4.	Window glass and frame	
5.	Equipment of premises, trade halls	
6.	Cases in material rooms	
7.	Sinks for washing hands, bathroom	
8.	Accessories for shoes cleaning from dirt (lattice, scrapers)	
9.	Decorative design of unproductive areas	
Sanitary day _____ (frequency)		

Table 3

### Requirements for personal hygiene of pharmacy staff

№	Contents of requirement
1.	Keep clothes and shoes separate from the technological clothes and footwear

Table 4

### Conditions of sterilization

№	Object	Method of sterilization	Sterilization agent	Sterilization regime		Conditions of sterilization
1.	Products made of glass, porcelain, metal, filter paper	The primary air				
2.	Products made of polymer materials	Chemical				
Note on sterilization conditions:						
1 –						
2 –						
3 –						

Table 5

**The procedure for pharmacy washing of dishes**

№	Object	The sequence of operations	Detergent
1.	Pharmacy dishes	1.)	
		2.)	
		3.)	
		4.)	
2.	Rubber stoppers	1.)	
		2.)	
		3.)	
		4.)	
3.	Aluminum caps	1.)	
		2.)	
		3.)	
4.	Polyethylene corks	1.)	
		2.)	
		3.)	
5.	Plastic corks	1.)	
		2.)	

Table 6

**Quality control of processing of pharmaceutical dishes**

№	Name	The procedure
1.	Determination of the purity of dishes	1.)
		2.)
		3.)
2.	Definition of completeness flushing of detergents	1.)
		2.)
		3.)

Table 7

**Control over compliance with sanitary-epidemiological regime in pharmacies**

№	Control type	Objects	Frequency rate of inspections

**A list of practical skills which a student should be able during practice  
and their evaluation in points**

№	List of practical skills	Points	Signature of supervisor of practice base
1.	Play the main provisions of instructions on labor safety for the employee who starts to work at the pharmacy.		
2.	Describe the premises pharmacy, manufacturing and non-productive.		
3.	Conduct a brief description of the pharmacy personnel.		
4.	Summarize requirements of instructions for sanitary-epidemiological regime to premises and equipment of pharmacies.		
5.	Tell about general hygiene requirements for cleaning, care of equipment of pharmacies.		
6.	Perform wet cleaning and disinfection of individual objects (floors, walls, doors, windows, equipment) using containers "1" and "2".		
7.	Inquire requirements for personal care personnel of pharmacies that do not carry out production (manufacturing) drugs.		
8.	Summarize requirements of instructions for sanitary-epidemiological regime to premises and equipment involved in the production of medicines in pharmacy conditions.		
9.	Inquire sequence of stages general cleaning of aseptic unit.		
10.	Inquire requirements of sanitary regime to workers involved in manufacturing of drugs in the pharmaceutical environment.		
11.	Prepare supporting materials required for the manufacture and packaging of drugs.		
12.	Perform cleaning and handling facilities of small mechanization, buret systems, spatulas, scales, mortars and other small pharmaceutical equipment.		
13.	Perform sterilization of individual objects.		
14.	Perform washing of new pharmacy dishes.		
15.	Perform decontamination and cleaning of dishes that were in use in infectious sections.		
16.	Perform sterilization of pharmaceutical dishes and control temperature conditions of air sterilizer.		
17.	Implement review and rejection of rubber stoppers for corking bottles.		
18.	Perform the processing of new rubber stoppers for corking bottles		
19.	Perform processing of aluminum caps that are used together with rubber stoppers in the sealing of vials and bottles		
20.	Perform the processing of rubber stoppers that were in use.		
21.	Perform the processing of new plastic corks.		
22.	To process plastic screw corks.		
23.	Perform determining the purity of pharmaceutical washed dishes.		

24.	Perform determining of completeness flushing of detergents.		
	<b>Total points for mastering of practical skills</b>		
	Final control of practical skills		Signature of practice supervisor from the university

Mark for differentiated test	Points	Mark	Signature of practice supervisor from the university

## 7. RECOMMENDED LITERATURE

### General Literature

1. Order of MOH Ukraine from 15.05.2006. Number 275 "On Approval of the Regulations of the sanitary-epidemiological regime of pharmacies."
2. Hromovyk B.P., Tereshchuk S.I., Chukhrai I.L. Organisation and economics of pharmacy / Ed. prof. B.P.Hromovyk and Assoc.prof S.I.Tereschuk. - Vinnytsya, New Book, 2009. - 816 p.

### Additional literature

3. Practical work on organization and economics of pharmacy. Teach. guide for students /B.P.Hromovyk, S.I.Tereschuk, O.L.Hrom, A.M.Novikevych, I.L.Chuhray. - Vinnytsya: New Book, 2004. - 448 p.
4. The legislation of Ukraine (government portal) Codes and Laws of Ukraine, Decrees of the President of Ukraine, resolutions and decrees of the Cabinet of Ministers of Ukraine // <http://zakon.rada.gov.ua/>
5. Regulations of the Ministry of Health of Ukraine //[http:// mozdocs.kiev.ua](http://mozdocs.kiev.ua)

## 8. REQUIREMENTS FOR PRACTICE REPORT

To obtain the test from the practice the student must submit a report on the practical training in the form:

- 1) diary, stamped and signed by the general Head from the base of practices (head of pharmacy), which includes a table evaluating practical skills of the student, completed and signed by the supervisor of base practices;
- 2) characteristic of supervisor practices certified by general director of base practices.

## 9. CONCLUSIONS OF PRACTICE

Results of introductory practice in organization and economics of pharmacy are heard and discussed at meetings of the department methodological, practice reports are considered at meetings of profile methodological commissions pharmaceutical disciplines, academic councils of the Faculty of Pharmacy and the University.