

MINISTRY OF HEALTH OF UKRAINE
NATIONAL UNIVERSITY OF PHARMACY

**REPORT
ON THE WORK PHARMACEUTICAL
PLACEMENT IN CLINICAL PHARMACY
AND PHARMACEUTICAL CARE**

Workbook

Kharkiv

NUPh

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UDC 616.1 / 4:615.04

M 75

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The issue “Report on the Work Pharmaceutical Placement in Clinical Pharmacy and Pharmaceutical Care” is workbook for higher education applicants, which they are filling during practice in pharmacy. When filling “Report on the Work Pharmaceutical Placement in Clinical Pharmacy and Pharmaceutical Care”, applicants follow certain algorithm to perform tasks. Therefore, they get the skills of pharmacist in the workplace of dispense pharmacist. The scope of work is according to the content of the program of educational component “Report on the Work Pharmaceutical Placement in Clinical Pharmacy and Pharmaceutical Care” master’s training for applicants specialty 226 “Pharmacy, industrial pharmacy” educational program “Pharmacy” for higher schools with the III-IV accreditation level.

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NATIONAL UNIVERSITY OF PHARMACY
DEPARTMENT OF CLINICAL PHARMACOLOGY AND CLINICAL PHARMACY

REPORT
of higher education applicant
on the Work Pharmaceutical Placement in Clinical Pharmacy
and Pharmaceutical Care

Performed by: higher education applicant of the 5th year
of group _____
specialty 226 “Pharmacy, Industrial Pharmacy”
educational program _____

_____ (surname, name, patronymic)

Place of work placement _____

_____ (name of establishment for work placement, address, telephone)

Period of work placement

from “ ____ ” 20 ____ to “ ____ ” 20 ____

Work placement supervisors
at work placement establishment

_____ (surname, name, patronymic)

_____ (signature)

at department

_____ (surname, name, patronymic)

_____ (signature)

Date of the final work placement control:
“ ____ ” 20 ____

Kharkiv 20 ____

General information about practical training place

1. Type of pharmacy (community pharmacy, private, hospital and others)

2. Timetable of pharmacy

3. Medical institutions located near the pharmacy (pharmacies, hospitals, ambulatories and others), their field of medical practice

4. Safety instructions:

(name and surname of the responsible person) (signature)

5. Organization of the work of the pharmacist at the drugstore:

- workplace equipment, pharmacist's responsibilities in the pharmacy organization

- the presence of the main existing orders and other regulatory documents governing the work of a pharmacist in the country where he has his practice, as well as information materials, reference books, etc.

6. Features of the organization of advisory and information work in this pharmacy:

- organization of work on the prevention of irrational use of drugs, prevention of undesirable side effects

- an example of an information sheet (informational message) about a new drug (or a drug that entered the pharmacy)

- the range of drugs in the pharmacy

7. Acquaintance with ethical and deontological aspects in the work of a pharmacist (the need and role of medical ethics and deontology in the process of communication between pharmacist and pharmacy visitor, pharmacist and doctor):

8. Psychological aspects of the relationships between pharmacist and patient (factors affecting the efficacy of therapy)

9. Give the example of pharmaceutical care conducting for pharmacy visitors, in which you have participated.

Day 1. ____ / ____ / 20 ____
(date)

No	Practical situation	Actions of the pharmacist	Situation analysis, your decision, recommendations
1.			

No	Practical situation	Actions of the pharmacist	Situation analysis, your decision, recommendations
2.			

No	Practical situation	Actions of the pharmacist	Situation analysis, your decision, recommendations
3.			

Day 2. ____/____/20____
(date)

No	Practical situation	Actions of the pharmacist	Situation analysis, your decision, recommendations
4.			

No	Practical situation	Actions of the pharmacist	Situation analysis, your decision, recommendations
5.			

No	Practical situation	Actions of the pharmacist	Situation analysis, your decision, recommendations
6.			

Day 3. ____/____/20____
(date)

No	Practical situation	Actions of the pharmacist	Situation analysis, your decision, recommendations
7.			

No	Practical situation	Actions of the pharmacist	Situation analysis, your decision, recommendations
8.			

No	Practical situation	Actions of the pharmacist	Situation analysis, your decision, recommendations
9.			

Day 4. ____/____/20____
(date)

No	Practical situation	Actions of the pharmacist	Situation analysis, your decision, recommendations
10.			

No	Practical situation	Actions of the pharmacist	Situation analysis, your decision, recommendations
11.			

No	Practical situation	Actions of the pharmacist	Situation analysis, your decision, recommendations
12.			

Day 5. ____/____/20____
(date)

No	Practical situation	Actions of the pharmacist	Situation analysis, your decision, recommendations
13.			

No	Practical situation	Actions of the pharmacist	Situation analysis, your decision, recommendations
14.			

No	Practical situation	Actions of the pharmacist	Situation analysis, your decision, recommendations
15.			

Day 6. ____/____/20____
(date)

No	Practical situation	Actions of the pharmacist	Situation analysis, your decision, recommendations
16.			

No	Practical situation	Actions of the pharmacist	Situation analysis, your decision, recommendations
17.			

No	Practical situation	Actions of the pharmacist	Situation analysis, your decision, recommendations
18.			

Day 7. ____/____/20____
(date)

No	Practical situation	Actions of the pharmacist	Situation analysis, your decision, recommendations
19.			

No	Practical situation	Actions of the pharmacist	Situation analysis, your decision, recommendations
20.			

No	Practical situation	Actions of the pharmacist	Situation analysis, your decision, recommendations
21.			

Day 8. ____/____/20____
(date)

No	Practical situation	Actions of the pharmacist	Situation analysis, your decision, recommendations
22.			

No	Practical situation	Actions of the pharmacist	Situation analysis, your decision, recommendations
23.			

No	Practical situation	Actions of the pharmacist	Situation analysis, your decision, recommendations
24.			

Day 9. ____/____/20____
(date)

No	Practical situation	Actions of the pharmacist	Situation analysis, your decision, recommendations
25.			

No	Practical situation	Actions of the pharmacist	Situation analysis, your decision, recommendations
26.			

No	Practical situation	Actions of the pharmacist	Situation analysis, your decision, recommendations
27.			

Day 10. ____/____/20____
(date)

No	Practical situation	Actions of the pharmacist	Situation analysis, your decision, recommendations
28.			

No	Practical situation	Actions of the pharmacist	Situation analysis, your decision, recommendations
29.			

No	Practical situation	Actions of the pharmacist	Situation analysis, your decision, recommendations
30.			

Day 11. ____/____/20____
(date)

10. Give an example of a drug prescribed by a doctor to treat a patient with arterial hypertension and perform a pharmaceutical care according to the scheme (according to the Pharmacist's protocols with prescription drugs for treating people with hypertension). For this purpose, complete the table.

1) Patient No____ Diagnosis:_____

Receipt	
Is the receipt correct?	
Compliance with the prescribed dose of the prescribed drug	
Information about the prescribed drug:	
- dosing regimen	
- duration of treatment	
- possibility of drug administration in pregnant and elderly people	
- possible side effects of prescribed drug	
The effect of nutrition and the simultaneous administration of other drugs	
General recommendations about the modification of lifestyle	
Patient's actions in case of adverse reactions of the prescribed drug	

Day 12. ____/____/20____
(date)

11. Make a list of trade names and indicate manufacturers of drugs: No____,
(See in Appendix 1). For this purpose, complete the table.

- Underline original drug from all analogs.
- Indicate OTC-drugs.
- Underline the drugs from the list of the drugs (active substance) in Appendix 2, which there are present in the pharmacy, where you conduct practice. Read the instructions (leaflet).

International name (active substance)	Trade names	Dosage forms	Company and country of manufacturing
No_____			
Information about the drug:			
- pharmaceutical effects			
- indications			
- dosing regimen			
- duration of treatment			
- conditions of administration			
-features of the drug administration in different drug formulations			
- contraindications			
- possibility of drug administration in pregnant and elderly people			
- possible side effects of drug			
-patient's actions in case of adverse reactions of the prescribed drug			
-storage conditions			

Day 13. ____/____/20____
(date)

Make a list of trade names and indicate manufacturers of drugs: No____,
(See in Appendix 1). For this purpose, complete the table.

- Underline original drug from all analogs.
- Indicate OTC-drugs.
- Underline the drugs from the list of the drugs (active substance) in Appendix 2, which there are present in the pharmacy, where you conduct practice. Read the instructions (leaflet).

International name (active substance)	Trade names	Dosage forms	Company and country of manufacturing
No_____			
Information about the drug:			
- pharmaceutical effects			
- indications			
- dosing regimen			
- duration of treatment			
- conditions of administration			
-features of the drug administration in different drug formulations			
- contraindications			
- possibility of drug administration in pregnant and elderly people			
- possible side effects of drug			
-patient's actions in case of adverse reactions of the prescribed drug			
-storage conditions			

Day 14. ____/____/20____
 (date)

Make a list of trade names and indicate manufacturers of drugs: No____,
 (See in Appendix 1). For this purpose, complete the table.

- Underline original drug from all analogs.
- Indicate OTC-drugs.
- Underline the drugs from the list of the drugs (active substance) in Appendix 2, which there are present in the pharmacy, where you conduct practice. Read the instructions (leaflet).

International name (active substance)	Trade names	Dosage forms	Company and country of manufacturing
No_____			
Information about the drug:			
- pharmaceutical effects			
- indications			
- dosing regimen			
- duration of treatment			
- conditions of administration			
-features of the drug administration in different drug formulations			
- contraindications			
- possibility of drug administration in pregnant and elderly people			
- possible side effects of drug			
-patient's actions in case of adverse reactions of the prescribed drug			
-storage conditions			

Day 15. ____/____/20____
(date)

Make a list of trade names and indicate manufacturers of drugs: No____,
(See in Appendix 1). For this purpose, complete the table.

- Underline original drug from all analogs.
- Indicate OTC-drugs.
- Underline the drugs from the list of the drugs (active substance) in Appendix 2, which there are present in the pharmacy, where you conduct practice. Read the instructions (leaflet).

International name (active substance)	Trade names	Dosage forms	Company and country of manufacturing
No_____			
Information about the drug:			
- pharmaceutical effects			
- indications			
- dosing regimen			
- duration of treatment			
- conditions of administration			
-features of the drug administration in different drug formulations			
- contraindications			
- possibility of drug administration in pregnant and elderly people			
- possible side effects of drug			
-patient's actions in case of adverse reactions of the prescribed drug			
-storage conditions			

Conclusion

(Give a conclusion about your Work Placement in Clinical Pharmacy. What useful skills did you get? What did you learn? How can you apply this information in your future activity?)

High education applicant

(surname, name, patronymic)

(signature)

The rating of the work placement (scored points) in the ECTS and national scale
rating

Supervisor of the work placement from the department

(surname, name, patronymic)

(signature)

The list of medical products (active substance)

1. Acetylcysteatum	31.Bismuthi Subcitras	62.Clindamycinum
2. Aciclovirum	32.Bisoprololum	63.Clopidogrelum
3. Acidum	33.Bromhexinum	64.Clotrimazolum
Acetylsalicylicum	34.Budesonidum	65.Codeini phosphas
4. Acidum	35.Calcium carbonas	66.Co-Trimoxazolum
Cromoglicicum)	36.Camphor	67.Colestyraminum
5. Acidum glutaminicum	37.Candesartanum	68.Cyanocobalaminum
6. Acidum	38.Captoprilum	69.Decametoxinum
Ursodeoxycholicum	39.Carvedilolum	70.Dequalinii Chloridum
7. Ademetioninum	40.Cefalexinum	71.Desloratadinum
8. Albendazolum	41.Cefazolinum	72.Desogestrelum
9. Allopurinolum)	42.Cefepimum	73.Dexamethasonum
10. Alteplasum	43.Cefiximum	74.Dexibuprofenum
11. Ambroxolum	44.Cefoperazonum	75.Dexketoprofenum
12. Amikacinum	45.Cefotaximum	76.Dexpanthenolum
13. Amiodaronum	46.Ceftazidimum	77.Diacereinum)
14. Amizonom	47.Ceftriaxonum	78.Diazepamum
15. Amlodipinum	48.Cefuroximum	79.Diclofenacum
16. Amoxicillinum	49.Celecoxibum	80.Digoxinum
17. Ampicillinum	50.Cetirizinum	81.Diltiazemum
18. Aprotininum	51.Cetylpyridinii	82.Dimeticonum
19. Argentum proteinate	Chloridum	83.Dimetindenum
20. Argininum	52.Chloramphenicolum	84. Dibazolum
21. Atenololum)	53.Chloralhydrate	85.Diosmectitum
22. Atorvastatinum	54.Chlorhexidinum	86.Diosminum
23. Atropine sulfate	55.Chloropyraminum	87.Diphenhydraminum
24. Azathioprinum	56.Cholecalciferolum	88.Dipyridamolum
25. Azelastinum	57.Chondroitini Sulfas	89.Domperidonum
26. Azithromycinum	58.Cinnarizinum	90.Dopaminum
27. Beclometasonum	59.Ciprofloxacinum)	91.Doxazosinum
28. Benzylpenicillinum	60.Clarithromycinum	92.Doxycyclinum
29. Betamethasonum	61.Clemastinum	93.Drotaverinum
30. Bisacodylum		

94. Enalaprilum	127. Griseofulvinum	160. Lomefloxacinum
95. Enoxaparinum Natrii	128. Heparinum	161. Loperamidum
96. Epinephrinum	Natricum	162. Loratadinum
97. Epoetinum α/β	129. Hexobarbitalum	163. Losartanum
98. Eprosartanum	130. Hydrochlorothiazidum	164. Macrogolum
99. Erythromycinum	131. Hydrocortisonum	165. Magaldratum
100. Ethylmorphine hydrochloridum	132. Ibuprofenum	166. Magnesii sulfas
101. Esomeprazolum	133. Indapamidum	167. Magnesium carbonate
102. Estradiolum	134. Indometacinum	168. Mebendazolum
103. Etoricoxibum	135. Insulinum	169. Mebeverinum
104. Ephedrine hydrochloridum	136. Interferonum α/β	170. Mebhydrolinum
105. Famotidinum	137. Irbesartanum	171. Melatoninum
106. Felodipinum	138. Isosorbidi Dinitras	172. Meldonium
107. Fenofibratum	139. Isosorbidi	173. Meloxicamum
108. Fenoterolum	140. Itraconazolum	174. Mentholum
109. Ferri sulfas	141. Ivabradinum	175. Meropenemum
110. Fexofenadinum	142. Kalium bromatum	176. Metamizolum
111. Fluconazolum	143. Kalium iodidum	Natricum
112. Flurbiprofenum	144. Ketoconazolum	177. Metforminum
113. Fluticasонum	145. Ketoprofenum	178. Methyldopum
114. Fluvastatinum	146. Ketonolacum	179. Methylprednisolone
115. Formoterolum	147. Ketotifenum	
116. Fosinoprilum	148. Lacidipinum	180. Metoclopramidum
117. Furazolidonum	149. Lactulosum	181. Metoprololum
118. Furosemidum	150. Lamivudinum	182. Metronidazolum
119. Gatifloxacinum	151. Lansoprazolum	183. Miconazolum
120. Gentamicinum	152. Leflunomidum	184. Midecamycinum
121. Glauclinum	153. Levamisolum	185. Mifepristonum
122. Glibenclamidum	154. Levocetirizinum	186. Molsidominum
123. Gliclazidum	155. Levofloxacinum	187. Mometasonum
124. Glimepiridum	156. Levonorgestrelum	188. Montelukastum
125. Glucose	157. Levothyroxinum	189. Moxifloxacinum
126. Glucosaminum	Natricum	190. Moxonidinum
	158. Lincomycinum	191. Myramistinum
	159. Lisinoprilum	192. Nadroparinum

Calcicum	220. Pentoxifyllinum	249. Sildenafil
193. Naphazolinum	221. Perindoprilum	250. Silicium Dioxidum
194. Natrii benzoas	222. Permethrinum	251. Silimarignum
195. Natrii bromidum	223. Phenylephrinum	252. Simeticonum
196. Natrii chloridum	224. Phthalylsulfathiazole	253. Simvastatinum
197. Natrii hydrocarbonas	lum	254. Sitagliptinum
198. Natrii Picosulfas	225. Pioglitazonum	255. Sparfloxacinum
199. Nifedipinum	226. Piracetatum	256. Spironolactonum
200. Nifuroxazidum	227. Pirenzepinum	257. Sucralfatum
201. Nikethamidum	228. Piroxicamum	258. Sumatriptanum
202. Nimesulidum	229. Prazosinum	259. Terbinafinum
203. Nitrofurantoinum	230. Prednisolonum	260. Tetracyclinum
204. Nitroglycerinum	231. Prenoxydiazinum	261. Tetrazyclinum
205. Nitroxolinum	232. Progesteronum	262. Theophyllinum
206. Norfloxacinum	233. Propranololum	263. Thiamazolum
207. Nystatinum	234. Pyrantelum	264. Thyotriazolinum
208. Ofloxacinum	235. Pyrazinamidum	265. Ticlopidinum
209. Omeprazolum	236. Quinaprilum	266. Tinidazolum
210. Ondansetron	237. Rabeprazolum	267. Torasemidum
211. Ornidazolum	238. Ramiprilum	268. Tramazolinum
212. Oxeladinum	239. Ranitidinum	269. Triamcinolonum
213. Oxymetazolinum	240. Repaglinidum	270. Trimetazidinum
214. Pantoprazolum	241. Ribavirinum	271. Valacyclovirum
215. Papaverine	242. Riboflavinum	272. Valsartanum
216. Paracetamolum	243. Rimantadinum	273. Verapamilum
217. Peginterferonum Alfa-2a / Alfa-2b	244. Rofecoxibum	274. Xylometazolinum
218. Penciclovirum	245. Rosuvastatinum	275. Zolmitriptanum
219. Penicillaminum	246. Roxithromycinum	276. Zopiclonum
	247. Salbutamolum	
	248. Salmeterolum	

The list of abbreviation

Abbreviation	Latin	Meaning
a.c.	ante cibum	before meal
b.t.		bed time
BID	bis in die	twice daily
CAD		coronary artery disease
Caps.		capsule
COPD		chronic obstructive pulmonary disease
c.c.	cum cibo	with food (with meal)
CKD		chronic kidney disease
D.S.	da signa	give or do
Dragee		dragee (like tablet)
FC		functional class
Gran.		granule
gtts	guttae	drops
HF		heart failure
HF ₀		heart failure absent
i.m.		intramuscular
i.v.		intravenous
IN		intranasal
inf.		infusion
inh.		inhalation
inj.		injection
IU		international unit
mane	mane	in the morning
OD	omni die	every day, once daily
p.c.	post cibo	after meal

Abbreviation	Latin	Meaning
p.o.	per os	orally, take into mouth
PRN	pro re nata	as needed
Pulv.	pulvis	powder
q.a.m.	quaque die ante meridiem	every day before noon
q.p.m.	quaque die post meridiem	every day after noon or every evening
QAD	quaque alternis die	every other day
QID	quarter in die	four time a day
qqh	quater quaque hora	every four hours
QWK	quaque week	every week
RBC		red blood cells
SL	sublingually	under the tongue
Sol.	soluio	solution
SubQ	subqutaneus	subcutaneously
Succi	succi	juice
Syr.	syrupus	syrup
Tab.	tabella	tablet
tbsp		tablespoon
TID	ter in die	three time a day
tsp		teaspoon
ung.	unguentum	ointment

Видання «Звіт про проходження виробничої фармацевтичної практики з клінічної фармації та фармацевтичної опіки» являє собою робочий журнал для здобувачів вищої освіти спеціальності 226 «Фармація, промислова фармація» за освітніми програмами «Фармація» та «Технології парфумерно-косметичних засобів».

Обсяг виконаної роботи відповідає змісту програми освітньої компоненти «Виробнича фармацевтична практика з клінічної фармації та фармацевтичної опіки». Здобувач заповнює «Звіт про проходження виробничої фармацевтичної практики з клінічної фармації та фармацевтичної опіки» за певним алгоритмом виконання поставлених перед ним завдань в ході отримання навичок роботи на робочому місці фармацевта «за першим столом» в аптечному закладі охорони здоров'я.

Рекомендовано для здобувачів вищої освіти України другого (магістерського) рівня, іноземних громадян та осіб без громадянства, які навчаються українською мовою у закладах вищої освіти III-IV рівнів акредитації.

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**ЗВІТ ПРО ПРОХОДЖЕННЯ
ВИРОБНИЧОЇ ФАРМАЦЕВТИЧНОЇ
ПРАКТИКИ З КЛІНІЧНОЇ ФАРМАЦІЇ
ТА ФАРМАЦЕВТИЧНОЇ ОПІКИ**

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