REPORT
ON THE PRACTICE
IN CLINICAL PHARMACY

UDC 616.1 / 4:615.04

Recommended by PC "Clinical Pharmacology and Clinical Pharmacy" MOH and NAMS of Ukraine
(Letter № 2 from 28.05.2019)

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Report on the practice in Clinical Pharmacy: The manual for stud. spec. 8.12020101 "Pharmacy for foreign students" (Language of Instructions – English) for pharm. higher schools and pharm. faculties of med. higher school with the III-IV accred. level/ under the editorship of prof. I.A. Zupanets – Kharkiv: NUPh, 2019. – 46 p.

The manual "Report on the practice in Clinical Pharmacy" is workbook for student, which he is filling during practice in pharmacy. When filling "Report on the practice in Clinical Pharmacy", student follow certain algorithm to perform tasks. Therefore, he gets the skills of pharmacist in the workplace of dispense pharmacist. The scope of work is according to the content of the program of discipline «Manufacturing practice in Clinical Pharmacy» specialist's training for stud. spec. 8.12020101 "Pharmacy for foreign students" (Language of Instructions – English) for pharmaceutical higher schools and medical higher school with the III-IV accreditation level.

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Ratushna K.L., 2019

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NATIONAL UNIVERSITY OF PHARMACY
DEPARTMENT OF CLINICAL PHARMACOLOGY
AND CLINICAL PHARMACY
UKRAINE

REPORT

on the manufacturing practice
in Clinical Pharmacy

The student speciality "Pharmacy for foreign students"
(Language of Instructions – English) of the 5-th year of group_____of the
National University of Pharmacy

_____
(surname, name, patronymic)

Place of practice_____
(No of pharmacy, address, telephone)

Time of practice
from « »_____ 20__ .
to « »_____20__ .

The manager of the pharmacy institution

_____ _____
(surname, name, patronymic) (signature)
Place for a stamp

Supervisor of the practice from the department

_____ _____
(surname, name, patronymic) (signature)

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

_____
_____
_____
_____
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_____

• 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.

_____
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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 an 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
An example of pharmaceutical care of pharmacy visitors having a **prescription** for a drug			
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
An example of pharmaceutical care of pharmacy visitors having a **prescription** for a drug			
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
An example of pharmaceutical care of pharmacy visitors having a **prescription** for a drug			
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
An example of pharmaceutical care of pharmacy visitors having a **prescription** for a drug			
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
An example of pharmaceutical care of pharmacy visitors having a **prescription** for a drug			
30.			

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

1) Patient No____ Diagnosis:_____
_____
_____

Reciept	
Is the receipt correct?	
Compliance with the prescribed dose of the prescribed drug	
Information about the prescribed drug:	
- dosing regimen	
- conditions of drug administration	
- duration of treatment	
Features of the drug intake:	
- 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	

14. Make a list of trade names and indicate manufacturers of drugs:
No____, No____, No____, 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 administartion 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	

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 administartion 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	

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	

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 practice in Clinical Pharmacy. What useful skills did you get? What did you learn? How can you apply this information in your future practice?)

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Student

_____ _____

(surname, name, patronymic) (signature)

The rating of the practice (scored balls) in the ECTS and national scale rating

_____

Supervisor of the practice from the department

_____ _____

(surname, name, patronymic) (signature)

Appendix 1

The list of drugs (active substance)

1. Acetylcysteinum
2. Aciclovirum
3. Acidum Acetylsalicylicum
4. Acidum Cromoglicicum
5. Acidum Ursodeoxycholicum
6. Ademetioninum
7. Aescinum*
8. Albendazolum
9. Allopurinolum
10. Alteplasum
11. Althaea Officinalis*
12. Aluminii Phosphas*
13. Ambazonum
14. Ambroxolum
15. Amikacinum
16. Amiodaronum
17. Amizonum*
18. Amlodipinum
19. Amoxicillinum
20. Ampicillinum
21. Aprotininum
22. Argininum
23. Atenololum
24. Atorvastatinum
25. Azathioprinum
26. Azelastinum
27. Azithromycinum
28. Beclometasonum
29. Benzylpenicillinum
30. Betamethasonum
31. Betaxololum
32. Biclotymolum
33. Bisacodylum
34. Bismuthi Subcitras*
35. Bisoprololum
36. Bromhexinum
37. Budesonidum
38. Candesartanum
39. Captoprilum
40. Carbocisteinum
41. Carvedilolum
42. Cefalexinum
43. Cefazolinum
44. Cefepimum
45. Cefiximum
46. Cefoperazonum
47. Cefotaximum
48. Ceftazidimum
49. Ceftriaxonum
50. Celecoxibum
51. Cetirizinum
52. Cetraria Islandica*
53. Cetylpyridinii Chloridum
54. Chloramphenicolum
55. Chlorhexidinum
56. Chlornitrophenolum*
57. Chloropyraminum
58. Chondroitini Sulfas*
59. Cinnarizinum
60. Ciprofloxacinum
61. Clarithromycinum
62. Clemastinum
63. Clindamycinum
64. Clopidogrelum
65. Clotrimazolum
66. Co-Trimoxazolum*
67. Colestyraminum
68. Crataegus L.*
69. Cyclamen
70. Cynara Scolymus*
71. Cyproheptadinum
72. Decametoxinum*
73. Denotivirum
74. Dequalinii Chloridum
75. Desloratadinum
76. Desogestrelum
77. Dexamethasonum
78. Dexibuprofenum
79. Dexketoprofenum
80. Dexpanthenolum
81. Diacereinum
82. Diclofenacum
83. Digoxinum
84. Diltiazemum
85. Dimeticonum
86. Dimetindenum
87. Diosmectitum*
88. Diosminum
89. Diphenhydraminum
90. Dipyridamolum
91. Domperidonum
92. Dopaminum
93. Doxazosinum
94. Doxycyclinum
95. Drotaverinum
96. Econazolum
97. Enalaprilum
98. Enoxaparinum Natrii
99. Epinephrinum
100. Epoetinum Alfa/ Beta
101. Eprosartanum
102. Erythromycinum
103. Esomeprazolum
104. Estradiolum
105. Etoricoxibum
106. Eucalyptus Viminalis*
107. Famciclovirum
108. Famotidinum
109. Felodipinum
110. Fenofibratum
111. Fenoterolum
112. Fenspiridum
113. Fenticonazolum
114. Ferri… complex
115. Fexofenadinum
116. Fluconazolum
117. Flurbiprofenum
118. Fluticasonum
119. Fluvastatinum
120. Foeniculum Vulgare Mill.*
121. Formoterolum
122. Fosinoprilum
123. Furazolidonum
124. Furosemidum
125. Ganciclovirum
126. Gatifloxacinum
127. Gentamicinum
128. Ginkgo Biloba*
129. Glaucinum*
130. Glibenclamidum
131. Gliclazidum
132. Glimepiridum
133. Gliquidonum
134. Glucosaminum
135. Glycyrrhiza Glabra/ Uralensis*
136. Griseofulvinum
137. Hedera Helix*
138. Heparinum Natricum
139. Hydrochlorothiazidum
140. Hydrocortisonum
141. Ibuprofenum

142. Indapamidum
143. Indometacinum
144. Insulinum...
145. Interferonum Alfa/ Beta
146. Irbesartanum
147. Isosorbidi Dinitras
148. Isosorbidi
149. Itraconazolum
150. Ivabradinum
151. Josamycinum
152. Ketoconazolum
153. Ketoprofenum
154. Ketorolacum
155. Ketotifenum
156. Lacidipinum
157. Lactulosum
158. Lamivudinum
159. Lansoprazolum
160. Leflunomidum
161. Levamisolum
162. Levocetirizinum
163. Levofloxacinum
164. Levonorgestrelum
165. Levothyroxinum Natricum
166. Lincomycinum
167. Lisinoprilum
168. Lomefloxacinum
169. Loperamidum
170. Loratadinum
171. Losartanum
172. Macrogolum
173. Magaldratum
174. Magnesii …
175. Mebendazolum
176. Mebeverinum
177. Mebhydrolinum
178. Melatoninum*
179. Meldonium
180. Melissa Officinalis*
181. Meloxicamum
182. Mentha Piperita*
183. Meropenemum
184. Metamizolum Natricum
185. Metforminum
186. Methyldopum
187. Methylprednisolonum
188. Metoclopramidum
189. Metoprololum
190. Metronidazolum
191. Miconazolum
192. Midecamycinum
193. Mifepristonum
194. Molsidominum
195. Mometasonum
196. Montelukastum
197. Moxifloxacinum
198. Moxonidinum
199. Myramistinum*
200. Nadifloxacinum
201. Nadroparinum Calcicum
202. Naphazolinum
203. Natrii Picosulfas
204. Nifedipinum
205. Nifuroxazidum
206. Nimesulidum
207. Nitrofurantoinum
208. Nitroglicerinum*
209. Nitroxolinum
210. Norfloxacinum
211. Nystatinum
212. Ofloxacinum
213. Omalizumabum
214. Omeprazolum
215. Ondansetron
216. Orlistatum
217. Ornidazolum
218. Oxeladinum
219. Oxolinum*
220. Oxymetazolinum
221. Pantoprazolum
222. Paracetamolum
223. Passiflora Incarnata*
224. Peginterferonum Alfa-2a / Alfa-2b
225. Penciclovirum
226. Penicillaminum
227. Pentoxifyllinum
228. Perindoprilum
229. Permethrinum
230. Phenylephrinum
231. Phthalylsulfathiazolum
232. Pioglitazonum
233. Piracetamum
234. Pirenzepinum
235. Piroxicamum
236. Praziquantelum
237. Prazosinum
238. Prednisolonum
239. Prenoxdiazinum
240. Progesteronum
241. Propolis*
242. Propranololum
243. Pyrantelum
244. Pyrazinamidum
245. Quinaprilum
246. Rabeprazolum
247. Ramiprilum
248. Ranitidinum
249. Repaglinidum
250. Rhodiola Rosea*
251. Ribavirinum
252. Rimantadinum
253. Rofecoxibum
254. Rosuvastatinum
255. Roxithromycinum
256. Salbutamolum
257. Salmeterolum
258. Salvia Officinalis*
259. Schizandra Chinensis*
260. Sildenafilum
261. Silicii Dioxidum*
262. Silimarinum*
263. Simeticonum
264. Simvastatinum
265. Sitagliptinum
266. Sparfloxacinum
267. Spironolactonum
268. Sucralfatum
269. Sumatriptanum
270. Tadalafilum
271. Tenecteplasum
272. Terbinafinum
273. Tetracyclinum
274. Tetryzolinum
275. Theophyllinum*
276. Thiamazolum
277. Thyotriazolinum*
278. Ticlopidinum
279. Tinidazolum
280. Torasemidum
281. Tramazolinum
282. Triamcinolonum
283. Trimetazidinum
284. Valacyclovirum
285. Valsartanum
286. Verapamilum
287. Viride Nitens*
288. Xantinoli Nicotinas
289. Xylometazolinum
290. Zaleplonum
291. Zolmitriptanum
292. Zopiclonum

Appendix 2

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
p.o.	per os	orally, take into mouth
PRN	pro re nata	as needed
Pulv.	pulwis	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	subqtaneus	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

Навчальне видання

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