

Appendix 1

Questionnaire



QUESTIONNAIRE TO PARTICIPATING PHARMACISTS

“Perceptions of Community Pharmacists on their Role in Delivering Pharmacy-led Services within Primary Healthcare: A Quantitative Study”

You are invited to participate in a survey conducted by the Hellenic Open University. By completing this questionnaire, you implied your consent to participate in this study. Your participation is voluntary and anonymous.

The study's purpose is to explore pharmacists' general perceptions regarding pharmacy-led services, to record whether they already provide services or they are willing to offer in the near future.

The data collection is exclusively for research purposes and only from pharmacies in the Region of Epirus. Any information obtained from this study will be kept confidential as required by law. Also, participants' data will be stored in the supervisor's office (Dr. Tziallas). In case of any type of publication or presentation (e.g., conferences), any information that reveals the identity of the participating pharmacists will not be included.

Part 1: Community pharmacist's role

1. **a) How do you perceive the community pharmacy profession?** (*Answer by putting an X in the corresponding box*)

- Provision of services
- Business
- Primary care setting
- Socialising
- All the above
- None of the above

b) What do you think is your role as health professional?

- Caregiver
- Decision maker
- Patient communication
- Manager
- Staying up to date
- Educator
- Leader
- All of the above

2. What are the barriers to prevent you from actively participate in patient care?

- Lack of time
- Lack of confidence
- Workload
- Lack of consulting skills
- Lack of available tools

3. How do you describe your interprofessional communication with other healthcare professionals (e.g., doctors, nurses, dietitians, etc.)? (Answer by putting an X in the corresponding box)

Excellent	Very good	Quite good	Fair	Poor
5	4	3	2	1

4. How do you describe your interaction and communication with patients?

Excellent	Very good	Quite good	Fair	Poor
5	4	3	2	1

5. What communication challenges have you encountered as part of your role?

- Local minorities
- Poor hearing
- Not native speakers
- Disabled

Part 2: Pharmacy-led services - Counselling

2.1 Counselling

6. What is the form of health advice you provide to individuals/patients?

- Written
- Oral
- Both

7. How many individuals/patients visit your pharmacy to ask for health advice without purchasing any medication weekly?

- 0-3
- 4-6
- 7-10
- >10

8. a) Which are the available sources you use for giving health advice to individuals/patients?

- Clinical guidelines
- Leaflets (produced by pharmacy industry)
- Scientific websites
- Mobile apps

b) What tools/equipment do you have available to enable you to provide health advice to individuals/patients?

- Weighting scale
- Blood pressure monitor
- Glucose Meter
- Cholesterol Meter
- All of the above

2.2 Pharmacy-led services

9. a) Which of the following pharmacy-led services do you provide?

- Smoking cessation
- Weight reduction
- Glucose measurement
- Hypertension detection
- Vaccination/ injections
- None of the above

All of the above

b) How often individuals/patients visit your pharmacy to measure their weight or blood pressure weekly?

0-3

4-6

7-10

>10 times

10. I would like, as a community pharmacist, a consultation area within the pharmacy for providing public health services. (Answer by putting an X in the corresponding box)

Strongly disagree	Disagree	Neither agree nor disagree	Agree	Strongly agree
1	2	3	4	5

11. I feel confident providing counselling and advice for minor ailments.

Strongly disagree	Disagree	Neither agree nor disagree	Agree	Strongly agree
1	2	3	4	5

12. According to the established Greek law 4486/2017 for Primary Health Care (PHC), community pharmacies may provide primary care services. Do you agree with this decision taken by the Ministry of Health?

Strongly disagree	Disagree	Neither agree nor disagree	Agree	Strongly agree
1	2	3	4	5

13. I feel that I have the appropriate knowledge and skills to provide preventive services as part of the PHC team.

Strongly disagree	Disagree	Neither agree nor disagree	Agree	Strongly agree
1	2	3	4	5

Part 3: General questions

14. How do you keep your knowledge up to date?

- Online sources
- Scientific journals
- Handbooks
- Conferences/ seminars
- PPA* training seminars (* Panhellenic Pharmaceutical Association)
- IDEEAF** webinars (** Hellenic Institute for Lifelong Learning and Professional Development of Pharmacists)
- Specialist consultation

15. How do you vision the role of the community pharmacist in the future?

- Being an active member of the PHC team
- Having a profitable business
- Having excellent interprofessional collaboration with physicians

- Having a more active role and gaining patients' trust in providing behavioural interventions (e.g. smoking cessation, weight management) rather than pharmacotherapy advice only.

Part 4: Demographics (*Answer by putting an X in the corresponding box*)

16. Gender:

- Male
 Female

17. Age:

- 23-33
 34-44
 45-55
 56-67

18. Years of experience as a community pharmacist:

- ≤5 years
 6-10 years
 11-15 years
 16-20 years
 >20 years

19. Level of education:

- Bachelor's degree (BPharm)
 Master's degree (MPharm or MSc)
 Doctoral degree (PhD)