



Course Syllabus

Course Code	Course Title	ECTS Credits
IMPH-265	Primary Care in Pharmacy/ Πρωτοβάθμια Φροντίδα στο Φαρμακείο	6
Prerequisites	Department	Semester
IMPH-111, IMPH-112	Health Sciences	Fall/Spring
Type of Course	Field	Language of Instruction
Required	Pharmacy	Greek/English
Level of Course	Lecturer(s)	Year of Study
1 st Cycle	Dr Panos Kakouris	2 nd
Mode of Delivery	Work Placement	Corequisites
Face-to-Face	N/A	N/A

Course Objectives:

Primary Health Care prioritise universal and equal access to integrated health services. Today, Primary Health Care is coming to the fore as a method of improving health services and reducing costs. Pharmacists should be trained specifically to work at the forefront of the primary healthcare within the health system and to take the initial steps in public's health problems. The main aim of PHAR 265 is to enable our future pharmacists to acquire the knowledge and skills to successfully consult individuals regarding minor ailments in the community pharmacy and to provide them the ability to support and promote public's health.

Further main objectives of the course are:

- To enable students to decide when patients should be referred or they can be treated in the community pharmacy
- To use appropriate technology and near patient testing procedures to inform diagnostic and referral decisions
- To identify and explain it effectively to patients and members of the multi-disciplinary health care team
- To identify pharmacist extended role related to patient assessment

Learning Outcomes:

After completion of the course students are expected to be able to:

- Understand the importance of pharmacist role with the primary care setting
- Recognise the main characteristics and symptoms of each condition
- Recognise the value of a comprehensive medical assessment
- Identify when to refer their patients to a specialist
- Classify diagnostic tests, equipment and procedures with attention to applicability, safety, efficacy
- Report history, presenting symptoms and anthropometric tests
- Report systematic and comprehensive medical assessment of adults using appropriate technology and investigations
- Be able to counsel patients based on diagnosis
- Classify care pathways and processes of the local health economy
- Explain the importance of documenting clinical findings and effectively discuss them with other health care professionals

Course Content:

- Introduction to Primary Care
 - What is primary health care?
 - Why is primary health care important?
 - Challenges of Primary Care
- National health systems and pharmacists' role
- Guidelines on Emergency Medicine Pharmacist Services
- Accidents and injuries – First aids
- Introduction to Minor Ailments- Responding to Symptoms (symptoms, diagnosis, differential diagnosis, non- pharmacological & pharmacological treatment, referrals)
 - Infections (including urinary tract infections)
 - Skin conditions
 - Eczema
 - Contact dermatitis
 - Sunburn
 - Bites
 - Warts and verrucas
 - Women's Health
 - Cystitis
 - Vaginal thrush
 - Dysmenorrhoea
 - Emergency hormonal contraception

- Common symptoms in pregnancy
- Eye conditions
 - conjunctivitis
 - dry eye
- Common ear conditions
- Central Nervous system
 - Headaches & migraine
 - Musculoskeletal pains
 - Travel sickness
- Psychological disorders
 - Depression
 - Anxiety
 - Bipolar disorder
 - Epilepsy

Learning Activities and Teaching Methods:

Interactive lectures, in class discussion, problem solving, active learning techniques using brainstorming and experience-based learning

Assessment Methods:

1. Group-based clinical case scenarios
2. Presentation of case scenarios from the community pharmacy sector
3. mini OSCE
4. Final Examination

Required Textbooks / Readings:

Title	Author(s)	Publisher	Year	ISBN
Joint Formulary Committee	British National Formulary 78 (BNF)	Pharmaceutical Press	Sep 2019- March 2020	
Symptoms in the Pharmacy	A. Blenkinsopp, P. Paxton, J. Blenkinsopp	Wiley-Blackwell	2009	978-14051-8079-5

Recommended Textbooks / Readings:

Title	Author(s)	Publisher	Year	ISBN
Ferri's Best Test: A Practical Guide to Clinical Laboratory Medicine and Diagnostic Imaging	Fred F. Ferri	Saunders	2014	978-1455745999
The Patient History: Evidence-Based Approach	Mark Henderson, Lawrence Tierney, Gerald Smetana	McGraw-Hill Education	2012	978-0071624947
Oxford Handbook of Clinical Medicine	M. Longmore, I. Wilkinson, A. Baldwin, E. Wallin	Oxford University Press	2014	978-0-19-960962
Managing Symptoms in the Pharmacy	Alan Nathan	Pharmaceutical Press	2008	978-0-85369-727-5
Macleod's Clinical Examination	Graham Douglas Fiona Nicol Colin Robertson	Churchill Livingstone	2013	9780702047282