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MEDICAL UNIVERSITY PLOVDIV, PHARMACY FACULTY

DEPT. PHARMACOLOGY, TOXICOLOGY AND PHARMACOTHERAPY, Tel.032/602 498, 15A “V. Aprilov” Blvd

HEAD OF DEPARTMENT: ASSOC. PROF. E. APOSTOLOVA, PhD

**PROGRAMME FOR PHARMACOTHERAPY, PHARMACY STUDENTS – PRACTICES,
SUMMER SEMESTER – ACADEMIC YEAR 2024/2025**

№	DATE	TOPIC	HOURS
1.	10.02.2025	Rational Pharmacotherapy: the Principles of the Rational Drug Therapy and Therapeutic Strategies. The Concept of Personal Drugs – efficacy, safety, suitability and cost of treatment.	3
2.	17.02.2025	Pain and Analgesia. Types of pain. Etiological factors, pain pathways and receptors. Therapeutic goals: Non-steroid Anti-inflammatory Drugs, Opioid Analgesics and Adjuvant Analgesics. Students prepare and defend concepts on a topic about adverse drug reaction of a certain pharmacological groups including - NSAIDs, analgesic-antipyretics, opioid analgesics, corticosteroids, antiepileptic drugs, antidepressants, defined on the previous practical lesson.	3
3.	24.02.2025	Osteoarthritis and rheumatoid arthritis - risk factors, clinical presentation and treatment. Osteoporosis - clinical forms and manifestations, prevention and treatment.	3
4.	03.03.2025	Headache and Migraine: etiological factors, clinical presentation and treatment.	3
5.	10.03.2025	Nausea and Vomiting: neurotransmitters and anti-emetic drugs.	3
6.	17.03.2025	Acid peptic disorders and anti-ulcer drugs.	3
7.	24.03.2025	Diarrhea and Constipation: Etiologic factors, prevention and treatment	3
8.	31.03.2025	Seminar.	3
9.	07.04.2025	Sleep Disorders (Insomnia): Etiological factors and pharmacological therapy.	3
10.	21.04.2025	Visit of Neurology Department.	3
11.	28.04.2025	Asthma – etiological factors and clinical presentation. Treatment of acute asthma episode and chronic asthma.	3
12.	05.05.2025	Chronic Obstructive Pulmonary Disease (COPD) – etiology and risk factors; pathogenesis and clinical presentation. Four-stage classification system. COPD exacerbation. Drug treatment of COPD.	3
13.	12.05.2025	Cough Syndrome – etiological factors, clinical forms and treatment. Antitussives, expectorants and mucolytics. A visit of the Simulation center.	3
14.	19.05.2025	Respiratory tract infections and principles of Antibiotic therapy.	3
15.	26.05.2025	Fever – mechanisms, pathophysiology and therapeutic approaches.	3

TOTAL: 45h

Prepared by:
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Head of Department:.....
(Assoc. Prof. E. Apostolova, PhD)

16.01.2025