

Code and Name of the Internship	TIP565 Clinical Pharmacology
Year of Internship	5
Duration of the Internship	1 week
ECTS of the internship	1
Language of the Internship	Turkish
Type of Internship	Imperative
Learning and Teaching Techniques of the Internship	1.Theoretical lessons 2.Discussion 3.Problem solving 4.Question-Answer 5.Group work
Measurement Techniques of the Internship	1. Objective Structured Clinical Exam 2. Multiple-choice Exam
Internship Supervisor(s)	Prof. Mehtap Özkur, MD
Purpose of the Internship	At the end of the internship, medical students will be able to choose their personal medicines in the treatment of diseases and write rational prescriptions.
Learning Outcome of the Internship	<ul style="list-style-type: none"> • 1-Explain the basic principles of rational drug use. • 2- Can access up-to-date resources in the rational treatment process. • 3- Can choose a personal drug (K-drug) for any disease. • 4- He can give his personal treatment (K-therapy) for a specific disease. • 5-Can write complete and accurate prescriptions. • 6-Informs patients about their treatment. • 7-Can count the conditions that should be considered in the use of drugs in special patient groups (such as children, elderly, pregnant women and important organ diseases). • 8-Explain the importance of the interaction of herbal products and nutritional supplements with drugs.
Content of the Internship	Rational principles of treatment, determination of a list of personal drugs for any disease and subsequent personal treatment, Prescribing, theoretical courses, principles of drug therapy and non-drug treatment in the relevant indication at the beginning of patient models, patient education.
Resources	<ol style="list-style-type: none"> 1. Kayaalp, O. (2018), Medical Pharmacology in terms of Rational Treatment 1-2. 13th edition, Pelikan Bookstore, Ankara. 2. Brenner, G., Stevens, C. (2018), Pharmacology, 5th edition, Elsevier. 3. Brunton, L., Hilal-Dandan, R., Knollmann, B. (2018), Goodman and Gilman's The Pharmacological Basis of Therapeutics, 13th edition, Mac Graw Hill Company. 4. Prescribing guide- (http://www.akilcilac.gov.tr)

Internship Courses (Weeks)	Internship Topics
1st Week	1. Introduction of Clinical Pharmacology Internship, Aims and Objectives 2. Objective Structured Clinical Exam (OYKS-1, Angina Pectoris) 3. How to Write a Prescription? 4. Personal Drug (K-drug) Choice 5. K-drug Selection in the Treatment of Hypertension (PBL session-1) 6. K-drug Selection in the Treatment of Angina Pectoris (PBL session-2) 7. K-drug Selection in the Treatment of Acne Vulgaris (PBL session-3) 8. K-drug Selection in the Treatment of Acute Otitis Media (PBL session-4) 9. K-drug Selection in the Treatment of Osteoarthritis (PBL session-5) 10. Drug Use in Special Patient Groups 11. Herbal Product Use 12. K-drug Selection in the Treatment of Acute Cystitis (PBL session-6) 13. E-Prescription 14. End of Internship Feedback Survey 15. Exam (OYKS-2 and multiple-choice exam)

Number of Questions in the Internship		
Exam Type	Theoretical	Application
Finale	10	OYKS
Integration	10	OYKS

Evaluation System		
Semester Studies	Number	Total Contribution (%)
Written Exam	1	40
Oral Exam	1	60
Internship Performance	0	0
Sample Application	0	0
Sum		100
Contribution of Semester Studies to Success Grade	0	0
Contribution of Final Studies to Success Grade	0	0
Sum		0

Explanation: While calculating the contribution rates of the evaluation system, SANKO University Associate Degree and Undergraduate Education and the Examination Regulation and the Faculty of Medicine Education and Measurement and Evaluation Directive are valid.

Student Workload Table			
Events	Number	Duration (class hours)	Sum
Course Duration (Including Exam Week)	1	11	11
Laboratory			
Application	1	23	23
Course-Specific Internship (If Available)			
Fieldwork			
Out-of-Class Study Time (Freelancing/ Group Study/ Pre-Study/ Reinforcement)			
Presentation/Seminar Preparation			
Project			
Assignments			
Board Exam	0	0	0
Final Exams	0	0	0
Total Workload	2	34	34

Associating the learning outcomes of the courses with the program competencies					
Program Qualifications	1	2	3	4	5
1. The basic structure, development and normal functioning of the human body molecules, cells, tissues, It explains at the organ and system level.	X				
2. Questioning the abnormal structuring and functioning of the human body, qualified scientific Explains with research-based information, evaluates the causes of diseases, taking into account the interaction with the individual and his environment.		X			
3. Clinical decision-making and management processes of diseases and applications of evidence-based medicine evaluates under the guidance of.		X			
4. Define the concepts of health and disease in individual and social contexts, health seeking and health protection behaviors, national health service delivery and administrative processes Describes.	X				
5. Know the research processes that form the basis of medical knowledge, follow the developments in this field Has a level of foreign language knowledge.			X		
6. Takes medical history from the applicant/patient and their relatives.	X				
7. Performs physical examination of individuals, evaluates diagnostic tests, diagnosis and treatment It manages its processes by using appropriate process steps.				X	
8. Applies medical interventions for diagnosis, treatment or prevention of individuals.	X				
9. Medical and administrative data on health and disease obtained from individuals and society organizes and keeps records of context.			X		
10. For the protection and development of health in individual and social dimensions Plans and implements applications.		X			
11. Plans and implements a scientific research and evaluates its results.	X				
12. Scientific and technological developments for professional and social changes It shows lifelong learning behavior by making use of it.					X
13. Physician within the framework of professional values, ethical principles and legal regulations, regardless of language, religion, race, gender, social and cultural discrimination in the individual and society he serves. fulfills its responsibilities as.	X				
14. Protection and development of health in individual and social dimensions, diseases Performs teamwork with colleagues and other healthcare professionals in the management processes.			X		
15. Protection and development of the health of the individual and society and the society of health care It strives to be realized for the benefit of the individuals who make it up.				X	
Description: Level of qualification:					
1. Miscarriage					
2. Low/medium					
3. Middle					
4. High					
5. That's great					