Code and Name of the Internship	**TIP533- NEUROLOGY**
Year of Internship	Year 5
Duration of the Internship	3 weeks
ECTS of the internship	5
Language of the Internship	Turkish
Type of Internship	Imperative
Learning and Teaching Techniques of the Internship	1. Theoretical Lecture 2. Practical application 3. Research Topics 4. Q&A 5. Argument 6. Observation
Measurement Techniques of the Internship	1. Written exam 2. Oral exam
Internship Supervisor(s)	Prof. Ayşe Münife NEYAL, MD Assist. Asst. Prof. Yasemin EKMEKYAPAR FIRAT
Purpose of the Internship	To be aware of the fact that there is a neurological disorder, to perform a basic neurological examination, to learn basic differential diagnostic skills. to gain the necessary knowledge, attitudes and skills to perform first intervention in emergency cases and referral procedures in necessary patients.
Learning Outcome of the Internship	1. It plans the treatment of diseases that it can diagnose by diagnosing neurological diseases. 2. Recognizes emergency neurological diseases and explains the necessary first interventions. 3. Distinguish and refer primary neurological diseases and neurological complications due to systemic diseases.
Content of the Internship	1. Semiology in Neurology 2. Approach to the Neurology Patient 3. Laboratory Methods Used in Neurology 4. Epilepsy 5. Cerebrovascular Diseases 6. Headaches 7. Spinal cord Diseases 8. Anterior Horn Motor Neuron Diseases 9. Peripheral Nerve Diseases 10. Status Epilepticus 11. Coma 12. Movement Disorders 13. Nerve-Muscle Junction Diseases 14. Muscle Diseases 15. Neurological Complications of Systemic Diseases 16. Vertigo and Balance 17. Multiple Sclerosis 18. Dementia
Resources	1. Principles of Neural Science. E.R.Kandel, J.H. Schwartz, T.M. Jessell, 4th edition, McGraw Hill, 2000. 2. Merritt's Neurology, L.P. Rowland, 11th edition, Lippincott Williams & Wilkins, 2005. 3. Neurology and Neurosurgery Illustrated, K.W.Lindsay & I.Bone 4. Clinical Neurology Michael J Aminoff, Robert R Simon, David Greenberg 5. Lange Medical Books, Sixth edition

Internship Courses (Weeks)	Internship Topics
1st Week	Semiology in Neurology, Approach to Neurology Patient, Laboratory Methods Used in Neurology, Epilepsy, Cerebrovascular Diseases
2nd Week	Headaches, Spinal cord diseases, Anterior horn motor neuron diseases, peripheral nerve diseases, Status epilepticus, Coma, Movement Disorders, Nerve-Muscle Junction Diseases, Muscle Diseases, Neurological Complications of Systemic Diseases, Vertigo and Balance
3rd Week	Multiple Sclerosis, Dementia, Exam

Number of Questions in the Internship		
Exam Type	**Theoretical**	**Application**
Final (Oral)	50	20
Make-up (Oral)	50	20

Evaluation System		
Semester Studies	**Number**	**Total Contribution (%)**
Written Exam	1	50
Oral Exam	1	30
Internship Performance	1	10
Sample Application	1	10
	Sum	**100**
Contribution of Semester Studies to Success Grade	0	100
Contribution of Final Studies to Success Grade	0	0
	Sum	**100**
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)	3	9	27
Laboratory	0	0	0
Application	3	18	54
Course-Specific Internship (If Available)	3	4	12
Fieldwork	0	0	0
Out-of-Class Study Time (Freelancing/ Group Study/ Pre-Study/ Reinforcement)	3	11	33
Presentation/Seminar Preparation	0	0	0
Project	0	0	0
Assignments	0	0	0
Board Exam	0	0	0
Final Exams	0	0	0
Total Workload	**12**	**42**	**126**

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					