

<b>Code and Name of the Internship</b>	TIP- 553 Brain and Nerve Surgery
<b>Year of Internship</b>	2019-2020
<b>Duration of the Internship</b>	1 Week
<b>ECTS of the internship</b>	3
<b>Language of the Internship</b>	Turkish
<b>Type of Internship</b>	Imperative
<b>Learning and Teaching Techniques of the Internship</b>	1. Theoretical Lecture 2. Practice/ Exercise 3. Q&A 4. Argument 5. Observation
<b>Measurement Techniques of the Internship</b>	1. Written Exam 2. Practice Exam
<b>Internship Supervisor(s)</b>	Asst. Prof. Kadir Çınar Asst. Prof. Dr. Erdal Yayla
<b>Purpose of the Internship</b>	To make a preliminary diagnosis / diagnosis by evaluating the anatomical and physiological characteristics of the brain, spinal cord, spine and peripheral nerve structures, the negative factors affecting them and the signs and symptoms that occur, to create and implement a treatment plan, to gain the necessary knowledge, skills and attitudes to ensure referral in situations.
<b>Learning Outcome of the Internship</b>	1. Learn the clinical anatomy of the central and peripheral nervous system 2. Learns the etiology, clinical findings and treatment protocol of diseases of the central and peripheral nervous system. 3. Learns in which cases central and peripheral nervous system cancers should be suspected, diagnostic procedures and treatment principles.
<b>Content of the Internship</b>	1. Head traumas, spinal traumas 2. Brain tumors, kibas 3. Hydrocephalus and cerebral edema 4. Spinal degenerative diseases 5. Congenital anomalies 6. Lumbar disc herniation
<b>Resources</b>	1. Spinal Cord and Spine Surgery, Mehmet Zileli, Fahir Özer 2014 2. Basic Neurosurgery, Turkish Neurosurgery Association Publications No:10 3. Youmans Neurosurgical Surgery 5th Edition 2004

Internship Courses (Weeks)	Internship Topics
1st Week	Internship Content Subjects, Exam
2nd Week	
3rd Week	
4th Week	
5th Week	
6th Week	

Number of Questions in the Internship		
Exam Type	Theoretical	Oral
Finale	20	4
Integration	20	4

Evaluation System		
Semester Studies	Number	Total Contribution (%)
Written Exam	1	50
Oral Exam	1	50
	<b>Sum</b>	<b>100</b>
Contribution of Semester Studies to Success Grade	0	100
Contribution of Final Studies to Success Grade	0	0
	<b>Sum</b>	<b>100</b>

**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)	10	45	450 min
Laboratory	0	0	0
Application	4	4	16 hours
Course-Specific Internship (If Available)	0	0	0
Fieldwork			
Out-of-Class Study Time (Freelancing/ Group Study/ Pre-Study/ Reinforcement)	0	0	0
Presentation/Seminar Preparation	0	0	0
Project	0	0	0
Assignments	0	0	0
Board Exam	0	0	0
Final Exams	0	0	0
<b>Total Workload</b>	<b>14</b>	<b>49</b>	<b>1410 min</b>

<b>Associating the learning outcomes of the courses with the program competencies</b>					
<b>Program Qualifications</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>
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		
<b>Description: Level of qualification:</b>					
1. Miscarriage					
2. Low/medium					
3. Middle					
4. High					
5. That's great					