

## COURSE CONTENT

**University:** Muğla Sıtkı Koçman University

**Faculty:** Medicine/ **Program:** English Program

**Academic Year:** 2022-2023

**Phase: 5/ Course:** Neurosurgery

**Course Code:** MED 5024 / **ECTS:** 1 / **T+U+L:** Theoretical + Practical

**Course Type :** Compulsory/ **Course Length :** 3 weeks/ **Type of Instruction :** Formal/ **Language of Instruction :** English

### Theoretical:

1. Disc herniations-cervical (1hour)
2. Disc herniations-torakolombar (1hour)
3. Head Trauma- Classification (1hour)
4. Head Trauma- Diagnosis and Treatment-1 and 2 (1hour)
5. hydrocephaly- Neuroal Tube Disorders (1hour)
6. Increased Intracranial Pressure Syndrome- Diagnosis and Treatment (1hour)
7. Intracranial Bleeding-Diagnosis and treatment (1hour)
8. Intracranial Bleeding-SAH-Diagnosis and treatment (1hour)
9. Intracranial lesions-nontumoral lesions (1hour)
10. Intracranial lesions-Tumors (1hour)
11. Introduction to Neurosurgery- Neurosurgical examination (1hour)
12. Peripheral nerve compression syndromes (1hour)
13. Spinal cord compression syndromes (1hour)
14. Spine Injuries- Diagnosis (1hour)
15. Spine Injuries-Treatment (1hour)

### Practical:

1. Active neurological examination- Cervical disc herniations (2hour)
2. Active neurological examination in daily clinic with the responsible academic personel (8hour)
3. Active neurological examination- Spine injury- torakolombar and cervical (2hour)
4. Active neurological examination- Torakolomber disc herniations (2hour)
5. introduction to Neurourgery Clinic (2hour)
6. Introduction to operation Theater, rules to obey, Case distribution in neurosurgery operations (6hour)
7. Overall review and feedback (2hour)
8. Practical evaluation with case discussions (4hour)
9. Problem solving- case presentation- Head Injury (2hour)
10. Problem solving- case presentation- Increased Intracranial Pressure Syndrome (2hour)
11. Problem solving- case presentation- Intracranial Bleeding (2hour)
12. Problem solving- case presentation- Spine injury (2hour)
13. Review of what we have learned (2hour)
14. Theoretical evaluation with mutioptional test (4hour)

### Others:

1. Advisory hour (3hour)
2. Consultancy (2hour)