**T.C.**

**NİĞDE ÖMER HALİSDEMİR ÜNİVERSİTESİ FACULTY OF MEDICINE**

**SEMESTER 4 PHYSICAL MEDICINE AND REHABILITATION PRACTICE TRAINING**

**CURRICULUM**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Duration (Weeks)** | **Class Hours** | | | **ECTS** |
| **Theoretical** | **Practical** | **Sum** |
| 2 | 22 | 39 | 61 | 4 |

**TOPICS OF PHYSICAL MEDICINE AND REHABILITATION PRACTICE TRAINING**

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| --- | --- | --- |
| **Course: PHYSICAL MEDICINE AND REHABILITATION PRACTICE TRAINING**  **Course Code: TIP4048**  **ECTS: 6** | | |
| **Topic** | **T** | **P** |
| Musculoskeletal pain (limb pain and soft tissue) | 1 |  |
| Shoulder pain | 1 |  |
| Morning stiffness | 1 |  |
| Fibromyalgia\* | 1 |  |
| Geriatric syndromes (frailty, sarcopenia, falling, etc.) \* | 1 |  |
| Gout disease | 1 |  |
| Mechanical low back pain \* | 2 |  |
| Osteoarthritis\* | 2 |  |
| Osteoporosis | 1 |  |
| Polymyalgia rheumatica | 1 |  |
| Polymyositis and dermatomyositis | 1 |  |
| Rheumatoid arthritis | 2 |  |
| Cerebral palsy | 1 |  |
| Systemic lupus erythematosus | 1 |  |
| Sjogren's Syndrome | 1 |  |
| Scleroderma | 1 |  |
| Spondyloarthropathies | 2 |  |
| Tenosynovites | 1 |  |
| Musculoskeletal examination |  | 6 |
| Ability to perform geriatric evaluation |  | 2 |
| Polyclinic application |  | 8 |
| Clinical student visit |  | 8 |
| Case-based assessment |  | 6 |
| Training with simulated patient |  | 6 |
| Patient distribution and preparation |  | 3 |

**PURPOSE:**

With the courses given at the end of the "Physical Medicine and Rehabilitation" internship, semester IV students; They will learn the examination of the musculoskeletal system, associated symptoms, areas of application of the discipline of physical medicine and rehabilitation, general characteristics of diseases affecting the musculoskeletal system, epidemiology, clinical features, diagnosis and treatment.

**LEARNING OBJECTIVES:**

With the courses given at the end of the "Physical Medicine and Rehabilitation" internship, semester IV students;

1. Will be able to carry out the movement system inspection,

2. Will be able to define osteoarthritis, explain and make the types, frequency, clinic, diagnosis and treatment, know the methods of prevention and make follow-up.

3. Will be able to explain the most common causes and clinic of mechanical low back and shoulder pain frequently encountered by the society; will be able to treat, know the methods of prevention.

4. Will be able to explain the necessary basic information about inflammatory rheumatic diseases (rheumatoid arthritis, spondyloarthropathies, collagen tissue diseases, systemic lupus erythematosus, scleroderma, Sjogren's syndrome, dermatomyositis, polymyositis, polymyalgia rheumatica, etc.), their frequency, clinic; will be able to make a preliminary diagnosis,

6. Will be able to recognize, treat and follow up tenosynovitis,

7. Will be able to make the frequency, clinic, preliminary diagnosis of gout and crystal arthropathies, know the methods of prevention.

8. Will be able to explain the necessary basic information about cerebral palsy, its causes, frequency, clinic; will be able to make a preliminary diagnosis.

9. Will know the epidemiology of osteoporosis, its causes, clinic, make a preliminary diagnosis and know the methods of prevention,

10. Will be able to enumerate the principles of approach to the patient with pain and explain the definition of chronic pain.

11. Will be able to define arthritis, know basic information such as its clinic, differential diagnosis, frequency and make its diagnosis.

12. Will know basic information such as clinic, differential diagnosis, frequency of fibromyalgia disease and will be able to make the diagnosis.

13. Will know the definition of limitation of motion in joints and examination of range of motion of the joints, will know the most common causes of joint limitation, the clinic and the measurement of range of motion.

14. Will know the causes of immobilization, its clinic, the effects on the human body, will know the methods of protection.

15. Will be able to make a basic assessment of the geriatric patient.

16. Will be able to make a preliminary diagnosis of geriatric syndromes (frailty, sarcopenia, falling, etc.), know the basic approach to emergency situations of this syndrome, know the consequences and prevention methods and will be able to follow up.

17. Will know the clinic of musculoskeletal pain (limb pain and soft tissue), the most common causes (MFAS, Tendinitis, CTS, etc.), will know the basic treatment approaches and prevention methods.

18. Will be able to define morning stiffness, know its most common causes and clinic.