**FTR335 - Oncological Rehabilitation**

| Course Name | Code | Term | Theory (hours/week) | Application (hours/week) | Laboratory (hours/week) | ECTS |
|---|---|---|---|---|---|---|
| Oncological Rehabilitation | FTR335 | 3. Semester/1.term Fall | 2 | - | - | 4 |

| | |
|---|---|
| Prequisites | - |
| Course language | Turkish |
| Course type | Elective |
| Learning and teaching strategies | Lecture, homework |
| Instructor (s) | |
| Course objective (Aim of course) | The aim of the course is to teach rehabilitation approaches in order to preserve the decreased functions of patients with different types of cancer and to increase their quality of life. |
| Learning outcomes | 1. Understands the basic concepts in oncological rehabilitation and gains awareness about the general treatment approaches applied in oncological patients.<br>2. Comprehends the importance of preventive rehabilitation and physical activity in oncological rehabilitation.<br>3. Defines the rehabilitation approaches that can be applied according to the type of cancer and the stages of rehabilitation in oncological patients and gains the ability to apply them.<br>4. Learns the principles of rehabilitation in oncological patients in the palliative term.<br>5. Gains information about psychosocial approaches in oncological patients. |
| References | 1. Stubblefield, Michael D., O'Dell, Michael W. Cancer Rehabilitation: Principles and Practice. New York : Demos Medical, 2009.<br>2. Schneider, Carole M., Dennehy, Carolyn A., Carter, Susan D. Exercise and Cancer Recovery. Champaign, IL : Human Kinetics, c2003.<br>3. Prof.Dr. Z. Candan Algun Fizyoterapi ve Rehabilitasyon, Nobel Tıp Kitapevi, 2014.<br>4. Karaduman AA., Yılmaz ÖT. Fizyoterapi ve Rehabilitasyon Genel Fizyoterapi, Pelikan 2016<br>5. Braddom R.L. PhysicalMedicine&Rehabilitation, Third Edition. SaundersElsevier, 2007 |

**Course outline weekly:**

| Weeks | Topics |
|---|---|
| 1. Week | Basic concepts and general treatment approaches in oncological rehabilitation |
| 2. Week | Preventive rehabilitation in oncological rehabilitation |
| 3. Week | Oncological rehabilitation by stages |
| 4. Week | Quality of life in oncological patients |
| 5. Week | Multidisciplinary working principles in oncological patients |
| 6. Week | Determination of homework topics |
| 7. Week | Midterm exam |
| 8. Week | Physical activity in oncological rehabilitation |
| 9. Week | Rehabilitation approaches that can be applied according to the type of cancer in oncological patients |
| 10. Week | Rehabilitation approaches that can be applied according to the stages of rehabilitation in oncological patients |
| 11. Week | Rehabilitation principles in terminal oncological patients |
| 12. Week | Psychosocial approaches in oncological rehabilitation |
| 13. Week | Lecturing and discussion of assignments |
| 14. Week | Lecturing and discussion of assignments |
| 15. Week | An overview |

**ECTS (Student Work Load Table)**

| Activities | Number | Duration | Total Work Load |
|---|---|---|---|
| Course Duration (X14 ) | 14 | 2 | 28 |
| Laboratory | | | |
| Practice | | | |
| Field Study | | | |
| Study Time of Outside Of Class (Pre-Study, Practice, Etc.) | 14 | 3 | 42 |
| Presentations (Video shoot/Poster preparation/Oral presentation, Etc.) | | | |
| Seminars | | | |
| Project | | | |
| Case study | | | |
| Role playing, Dramatization | | | |
| Writing articles, Critique | | | |
| Time To Prepare For Midterm Exam | 1 | 10 | 10 |
| Final Exam Preparation Time | 1 | 10 | 10 |
| **Total Work Load ( hour) / 25(s)** | 100/25 | | |
| **ECTS** | 4 | | |

**Evaluation System**

| **Mid-Term Studies** | **Number** | **Contribution** |
|---|---|---|
| Midterm exams | | |
| Quiz | | |
| Laboratory | | |
| Practice | | |
| Field Study | | |
| Course Internship (If There Is) | | |
| Homework's | 1 | %100 |
| Presentation and Seminar | | |
| Project | | |
| Other evaluation methods | | |
| **Total Time To Activities For Midterm** | | 100 |
| **Final works** | | |
| Final | 1 | %60 |
| Homework | 1 | %40 |
| Practice | | |
| Laboratory | | |
| **Total Time To Activities For Midterm** | | 100 |
| Contribution Of Midterm Studies On Grades | | %40 |
| Contribution Of Final Exam On Grades | | %60 |
| **Total** | | 100 |

**The relationship between learning outcomes and the program qualifications of the courses**

| **Program Qualifications** | **Learning outcomes** | | | | |
|---|---|---|---|---|---|
| | **L.O.1** | **L.O. 2** | **L.O.3** | **L.O.4** | **L.O.5** |
| 1-Acquire proficient infrastructure related to the field of Physiotherapy and Rehabilitation, gain the ability to use theoretical and practical knowledge and skills in this field. | **5** | **5** | **5** | **5** | **5** |
| 2-Identify, define the factors affecting health and gain problem-solving skill by using the information they have; plan and implement a treatment and exercise program with appropriate evidence-based methods and new techniques. | | | | | |
| 3-Gain the ability to use information technologies effectively, as well as the ability to select and use modern tools, techniques and agents necessary for physiotherapy and rehabilitation applications. | | | | | |
| 4-Design individual and multidisciplinary research, keep records, prepare reports, analyze and interpret results for quality service and research in health sciences. | | | | | |
| 5-They conduct a literature search to access the information by using evidence-based databases and information sources. | | | | | |
| 6-Gain autonomy in interdisciplinary and individual studies, ability to work effectively and take responsibility and awareness of the universal and social effects of their professional practice. | **5** | **5** | **5** | **5** | **5** |
| 7-Adopt life-long learning; contribute to quality improvement, field-related training and introductory programs and exhibit their professional behavior at national and international level. | | | | | |
| 8-Have deontological and ethical awareness in professional researches and applications. | | | | **4** | **5** |

**Contribution to the level of proficiency: 1. Lowest, 2. Low / Medium, 3. Average, 4. High, 5. Excellent**