

## *The Hebrew University of Jerusalem*

### *Syllabus*

## *Physical rehabilitation : introduction to assessment and intervention in occupational therapy - 99728*

*Last update 11-09-2024*

*HU Credits: 2*

*Degree/Cycle: 1st degree (Bachelor)*

*Responsible Department: Occupational Therapy*

*Academic year: 0*

*Semester: 2nd Semester*

*Teaching Languages: Hebrew*

*Campus: Mt. Scopus*

*Course/Module Coordinator: Idit Chemla*

*Coordinator Email: [idit.blau@mail.huji.ac.il](mailto:idit.blau@mail.huji.ac.il)*

*Coordinator Office Hours: contact teacher for appointment*

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Teaching Staff:

Dr. Laura Rosenberg,  
Ms. idit Chemla

Course/Module description:

*In this course, students will be introduced to models, assessment tools and basic principles of intervention for physical and geriatric rehabilitation.*

Course/Module aims:

- 1. Provide students with knowledge of assessment and intervention for individuals with physical limitations.*
- 2. Provide students with basic knowledge of central intervention approaches in the field of physical and geriatric rehabilitation.*
- 3. Introduction to basic principles of intervention for individuals with a number of physical disabilities, with reference to the adaptation of the environment and in the bio-psycho-social context.*
- 4. Theoretical and practical knowledge on patient handling and transfers, and their impact on the client and caregiver*
- 5. Introduction to assistive technology for patient handling and transfers*

Learning outcomes - On successful completion of this module, students should be able to:

- 1. To identify the unique challenges for individuals with physical limitations*
- 2. To use standardised assessment tools for assessing motor skills and other major person factors in relevant in the field of physical and geriatric rehabilitation.*
- 3. To adapt assistive equipment for various ADLs.*
- 4. To analyse and grade treatment activities according to the needs of the individual with physical limitations.*
- 5. To tailor a therapeutic exercise to the needs of the individual.*
- 6. To recommend transfer methods according to client and caregiver's abilities including assistive technology*

Attendance requirements(%):

100%

*Teaching arrangement and method of instruction: Frontal lectures, practical exercises in the laboratory, group discussions, experience in using assessment tools, workshops on transfers, learning tour.*

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### Course/Module Content:

- Rehabilitation of a person with a physical disability
- Intervention frameworks in physical occupational therapy.
- \* Transfers and patient handling
- Assessment of performance skills, body functions and environments.
- Approaches in occupational therapy in the physical field.

### Required Reading:

Dirette, D. (2021). *Occupational Therapy for Physical Dysfunction*. Available from: VitalSource Bookshelf, (8th Edition). Wolters Kluwer Health

### Additional Reading Material:

וועדת המתע"מ המחודש (2016). מסגרת העשייה המקצועית בריפוי בעיסוק בישראל – מרחב ותהליך. תל אביב: הוצאת העמותה הישראלית לריפוי בעיסוק.

Darragh, A.R., Shiyko, M. Margulis, H. & Campo M. (2014). Patient handling and mobility program on patient self-care outcomes. *American Journal of Occupational Therapy*, 68, 589-596.

Dirette, D. (2021). *Occupational Therapy for Physical Dysfunction*. Available from: VitalSource Bookshelf, (8th Edition). Wolters Kluwer Health

Fabrizio, A. & Rafols, J. (2014). Optimizing Abilities and Capacities: Range of Motion, Strength, and Endurance. In M.V. Radomski, & C.A. Trombly (Eds.), *Occupational Therapy for Physical Dysfunction* (pp.590 –613). (7th ed.). Philadelphia, PA: Lippincott Williams & Wilkins.

Flinn, N. A. (2014). Learning. In M. V. Radomski, & C.A. Trombly (Eds.), *Occupational Therapy for Physical Dysfunction* (chapter 13 pp.394-). (7th ed.). Philadelphia, PA: Lippincott Williams & Wilkins.

Focht, D. (2008). *Lifting Analysis*. In Jacobs, K. (Ed). *Ergonomics for therapists* (3rd ed). Butterworth-Heinemann, Boston, MA.

Odebiyi, D. O., & Okafor, U. A. C. (2023). Musculoskeletal disorders, workplace ergonomics and injury prevention. In *Ergonomics-new insights*. IntechOpen.

:therapy occupational s'Pedretti .(2013) .W ,Krohn-Schultz & ,M .H ,Pendleton practice skills for physical dysfunction. Elsevier Health Sciences.

Radomski, M.V., & Trombly Latham, C.A. (Eds.). (2014). *Occupational Therapy for Physical Dysfunction*. (7thed.). Philadelphia, PA Wolters Kluwer / Lippincott Williams & Wilkens

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Shell, B. Gleen, G. (2019). *Willard and Spackman's Occupational Therapy*. (13th ed). United States: Wolters Kluwer Health

Tang, K., Diaz, J., Lui, O., Proulx, L., Galle, E., & Packham, T. (2020). Do active assist transfer devices improve transfer safety for patients and caregivers in hospital and community settings? A scoping review. *Disability and Rehabilitation: Assistive Technology*, 15(6), 614-624.

Grading Scheme:

Essay / Project / Final Assignment / Home Exam / Referat 80 %

Submission assignments during the semester: Exercises / Essays / Audits / Reports / Forum / Simulation / others 10 %

Presentation / Poster Presentation / Lecture 10 %

Additional information:

Pass mark is 70%