



Jordan University of Science and Technology
Faculty of Applied Medical Sciences
Physical Therapy Department

P.T496 Clinical Practice In Neurology (2) - JNQF Level: 7

Second Semester 2022-2023

Course Catalog

2 Credit Hours. This course will focus on the recognition of patients with neurological dysfunctions clinical presentations. The students participate in conducting assessments and interventions with patients with neurological conditions under minimal supervision. Special attention will be given to the issue of neurological exams, lesion localization, and differential diagnosis utilized for the purpose of clinical diagnosis and providing the appropriate intervention. This course is designed to improve clinical decision-making rationale by analyzing the latest, evidence-based concepts and principles for neurological examinations and interventions.

Text Book

Title	Neurologic Interventions for Physical Therapy
Author(s)	Suzanne 'Tink' Martin and Mary Kessler
Edition	4th Edition
Short Name	Ref 1
Other Information	

Course References

Short name	Book name	Author(s)	Edition	Other Information
Ref 2	National physical therapy examination (NPTE).	O'sullivan & Siegelman	12th Edition	1st Recommended Textbook
Ref 3	Improving functional outcomes in physical rehabilitation	O'sullivan & Schmitz	5th Edition	2nd Recommended Textbook
Ref 3	Pocket of neurological physiotherapy	Lennon & Stokes	1st Edition	3rd Recommended Textbook

Instructor

Name	Dr. Mohammad Alwardat
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Office Location	Ground Floor L1-10
Office Hours	Sun : 14:30 - 15:30 Mon : 15:30 - 16:00 Tue : 14:30 - 16:00 Wed : 14:30 - 16:00 Thu : 14:30 - 16:00
Email	msalwardat@just.edu.jo

Class Schedule & Room	
Section 1:	Lecture Time: Sun : 08:30 - 14:30 Room: HOSPITAL
Section 2:	Lecture Time: Tue : 08:30 - 14:30 Room: HOSPITAL
Section 3:	Lecture Time: Thu : 08:30 - 14:30 Room: HOSPITAL
Section 4:	Lecture Time: Sun : 08:30 - 12:30 Room: HOSPITAL

Prerequisites		
Line Number	Course Name	Prerequisite Type
1114950	P.T495 Clinical Practice In Neurology (1)	Prerequisite / Study

Tentative List of Topics Covered		
Weeks	Topic	References
Weeks 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14	Hospitalized clinical practice under direct supervision in the Department of Physiotherapy.	From Ref 1 , From Ref 2 , From Ref 3 , From Ref 3

Mapping of Course Outcomes to Program Outcomes and NQF Outcomes	Course Outcome Weight (Out of 100%)	Assessment method
To demonstrate competence and comprehension in a subjective and objective examination. [10L7C2]	10%	
To be competent in integrating the information gathered during the examination to help with the patient's assessment and evaluation. [10L7S3]	10%	
To integrate the information from the evaluation to make diagnosis and identify the impaired structure. [10L7S3]	10%	

To be competent in developing appropriate plan of treatment to address the patients symptoms, signs, impairments, and functional limitations. [10L7C2]	10%	
To be competent in incorporating a comprehensive rehabilitation program to address patient?s symptoms, signs, impairments, and functional limitation. [10L7C4]	10%	
To be able to implement progression strategies throughout the rehabilitation program based on clinical criteria [10L7S3]	10%	
To demonstrate professional behavior and follow the policies as shown in daily evaluations and supervisory reports. [15L7S2]	15%	
To be able to make full documentation for the patient examination, evaluation, diagnosis, prognosis, and intervention as evident in the logbook. [10L7S3, 15L7C2]	25%	

Relationship to NQF Outcomes (Out of 100%)			
L7S2	L7S3	L7C2	L7C4
15	40	35	10

Evaluation	
Assessment Tool	Weight
Daily evaluation & Case Report	30%
Midterm Practical exam	30%
Final Practical exam	40%

Policy	
Attendance policy	<p>Students are expected to attend all or more than 90% of clinical sessions. Each student is expected to attend the clinical session that he is assigned to. All absences will be entered electronically into the University site. If absence is more than 10% student will be banned from the course after electronic notification from the university through student e-mail.</p> <p>Ø Not arriving on time will lead to points being deducted from your daily evaluation</p> <p>Ø Leaving the clinic without letting the instructor know will also lead to points being deducted</p> <p>Ø Not using the clinical time appropriately will lead to points being deducted</p>
Patient followup	Each student or group is required to follow up with the patient for at least five treatment sessions. It?s the student?s responsibility to coordinate treatment sessions (time and dates) with the patients.
Case discussion	Each group will discuss a selected case (not discussed by other groups) in the form of a PowerPoint presentation. The presentation should include a patient you treated for multiple sessions, the required examination, assessment and evaluation, diagnosis, plan of treatment, and prognosis. Additionally, You should include the findings of the reassessment and the actual treatment during each session. You should also highlight the changes in the clinical outcomes (pain, swelling, ROM, strength, and functionality) that took place throughout the program and how you progressed through the rehabilitation program.
Patient check list	Each group should make a list of the patient conditions you treated during, this will help the instructor to assign new patients based on your list.

Plagiarism	ALL THE WRITTEN CLINICAL CASE REPORTS SHOULD BE THE STUDENT OWN WORK. THE STUDENT SHOULD HAVE AN ACTIVE ROLE DURING EXAMINATION AND TREATMENT OF THE CASES SUBMITTED. All the case studies submitted must be seen during this course practical training, and other cases seen during other practicum course will not be accepted. Plagiarism is not allowed, including copying from books or websites. The course instructor reserves the right to fail a student in an assignment if the plagiarism rules are breached.
Feedback and asking question	Students can ask questions after finishing the treatment sessions unless the instructor is supervising your group. Concerns or complaints should be expressed in the first instance to the course instructor. If no resolution is forthcoming then the issue should be brought to the attention of the Department Chair and if still unresolved to the Dean. Questions about e-learning materials and journal articles, the required textbook, and assessment methods can also be sent by email to the following address: msalwardat@just.edu.jo.
Student Responsibility	It is the responsibility of each individual student enrolled in this course to monitor grades and progress. The student has one week from the time any test, or case studies, or article discussion.
Religious Observance	If any examination, except the final examination, conflicts with a personal religious holiday, please privately identify yourself to the instructor to schedule a make-up examination that is mutually acceptable.
Statement on Disability	Any student in this course who needs accommodation because of a disability in order to complete the course requirements should contact the instructor.
Statement of Acceptance of Syllabus	Any student who does not understand or accept the contents and terms of this syllabus must notify the instructor in writing within one week of receiving the syllabus. The syllabus is subject to change based on needs assessment at any time.
Student responsibilities	<ol style="list-style-type: none"> 1. Attend all the clinical hours and being on time. 2. Each student should attend two days per week. 3. Students should be committed to the dress code of the clinic. Students who will not be committed to the dress code will not be allowed to attend the clinic. The dress code includes the following. <ul style="list-style-type: none"> Ø Navy blue physical therapy uniform (scrubs) Ø Clean clothes Ø Clean and tidy white lab-coat Ø Jeans for males and females are not allowed. Ø High heels for females are not allowed. Ø Females should tie up the long hair. Ø Males should shave or trim their beard. Ø Strong perfumes are not allowed. Ø Long nails are not allowed. Ø Excessive accessories and jewelries particularly in the hands are not allowed. 4. Each group should have the testing tools (goniometry, measuring tape, reflex hammer, examination sheet, notebook, pensile or pen) 5. No food or beverages are allowed in the clinics. 6. After completion of clinical session, all equipment should be returned to its original location. 7. The assigned patient is your responsibility, and patient safety is your responsibility until the patient leaves the clinic. 8. Turn off your mobile phone.