



Course Syllabus

Course title and code: Selected clinical topics 1, RHS 434.

Department : Rehabilitation sciences

Program in which the course is offered: Physiotherapy

Credit hours: 3 hours

Total contact hours per semester: (3X15) = 45 hours

Level at which this course is offered: level 8

Course prerequisites: RHS 331, 332, 336 & 421

Time: Tuesday (8-11)

Location: King Saud university

King Khaled University Hospital

King Abdul-Aziz University Hospital

College member responsible for the course:

Dr. Samiha Abdulkader

Mrs. Kawthar Ajjaj

Dr. Rehab Gwada

Contact information:

Office Number:

158 (Dr. Samiha)

146 (Mrs. Kawthar)

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Website:

Office hours:

Dr. Samiha: Sun (11-1) & Mon (8-11)

Mrs. Kawthar: Wed (8-12)

Dr. Rehab :Sun(10-11am, 12-1pm),Monday (8-10)

Course Description

This course is intended to reinforce the clinical application of principles of treatment and therapeutic skills to patients with cardiovascular, pulmonary and neurological diseases and also to train the students how to write a report on a selected clinical problem and how to work independently.

Course Objectives

Upon completion of this course students will be able to:

1. Demonstrate an understanding of basic sciences (anatomy and physiology).
2. Enhance the students' professional behavior regarding the roles and responsibilities of physical therapist in their clinical application.
3. Begin to acquire a working knowledge of the documentation process in out/in-patient settings using the International Classification of Functioning, Disability and Health (ICF) model. In addition to be able to write a clinical reflection.
4. Acknowledge the significance of personal differences including values and cultural. Also, acknowledge and display differences in verbal and non-verbal behaviors to the patient and instructor.
5. Select the proper tests and practice (and provide a logical reasoning) for individuals patients in , in/outpatient settings founded based on medical diagnosis, possible PT diagnosis, and essential efficiency and efficacy in PT practice
6. Select and critique the rationales for different out/in-patient intervention strategies and apply different therapeutic modalities based on evidence-based physical therapy practice (EBP).
7. Design a discharge plan for patients, and provide a critical reasoning for patient prognosis.
8. Determine the crucial time-management skills required in a clinical setting.
9. Display a high level of maturity and professionalism in all dealings and communications with patients, classmates and faculty members. In order to create a worry-free and productive clinical participation.

Teaching strategies

Lecture, clinical mentoring on site, classroom discussions and presentations and writing assignment essays.

Learning Resources

Required Text (s)

- **Essential References**

Tecklin J (2015): Pediatric Physical Therapy. 5th ed. Philadelphia, Lippincott Williams & Wilkins.
 Pescatello, L.S, et al. (2014). ACSM's Guidelines for Exercise Testing and Prescription. (9th Edition). American College of Sports Medicine.
 Magee, D. (2006). Orthopedic Physical Assessment. (5th edition). Missouri: Saunders, Elsevier.
 Kisner, C. & Colby, L.A. (2012).
 Therapeutic Exercise: Foundations and Techniques. (6th edition).U.S.A: Davis Company.
 Brumitt J. (2013) Physical therapy case files. orthopedics.

- **Recommended Journals**

Pediatric Physical Therapy
 Clinical Rehabilitation
 Archives physical medicine

- **Electronic Materials and Web Sites**

<http://www.cebm.net/category/ebm-resources/tools/> (EBP)
<http://www.apta.org/EvidenceResearch/>
<http://ngcebm.ksau-hs.edu.sa/> (EBP)
http://www.nottingham.ac.uk/nmp/sonet/rlos/placs/critical_reflection/menu.html (reflection)
<http://writepass.com/journal/2013/03/how-to-write-a-reflective-essay/>
<http://www.womac.org/>, <http://www.koos.nu/> (OA measure)
[http://www.rheumatology.org/Practice/Clinical/Clinicianresearchers/Outcomes_Instrumentation/Western_Ontario_and_McMaster_Universities_Osteoarthritis_Index_\(WOMAC\)/](http://www.rheumatology.org/Practice/Clinical/Clinicianresearchers/Outcomes_Instrumentation/Western_Ontario_and_McMaster_Universities_Osteoarthritis_Index_(WOMAC)/)
<http://www.rehabmeasures.org/default.aspx> (Measures data base)

Topics to be covered

List of topics	Week due	Contact hours
Introduction of Syllabus and course evaluation.	1 (1 st week)	3
Code of ethics. (By Dr. Samiha) Clinical guidelines for physical therapy practice. (By Mrs. Kawthar) Evidence based practice (EBP) and used data bases. (By Dr. Rehab)	1 (2 nd week)	3
Clinical reflection (By Mrs. Kawthar) Overview of the International Classification of Function and disease (ICF). (By Dr. Rehab) Goal settings in patient management. (By Dr. Samiha)	1 (3 rd week)	3
Case studies – applying ICF, goal setting management Outcome measures in physical therapy practice, PT assessment and procedures with practicum. (Each group with their instructor).	3 (4 th , 6 th , 7 th week)	9
Clinical visits	6 (week 10 th , 11 th , 12 th , 13 th , 14 th , 15 th)	18

Schedule of Assessment Tasks for Students During the Semester

Assessment task	Week due	Proportion of Final Assessment
1. Continuous Clinical Evaluation	Continuous throughout the semester	20%
2. Professional behavior and ethical attitude evaluation.	Continuous throughout the semester	5%
3. EBP group discussion	4	5%
4. Clinical guidelines for physical therapy practice presentation	5	5%
5. 1 st Midterm exam (case study based)	8	20%
6. EBP paper	11	25%
7. End of semester Finals (Clinical Reflection assignment)	17	5%
8. End of semester Finals (case presentation)	16	10%
9. Community service Activity participation.	17	5%

Required Assignments:

Week	Assignments	Evaluation	Week due
1	Continuous Clinical Evaluation Professional behavior and ethical attitude evaluation.	Continuous Clinical Evaluation form Professional behavior and ethical attitude evaluation form	Continuously through the sem.
1	EBP group discussion	Critical appraisal tools on EBP.	4 Each group will discuss their papers with their instructors.
	Clinical guidelines presentation.	The guideline for physical therapy practice oral presentation rubric	5 All the groups will present together. For grading: the average of the all instructors evaluating the presentation will be considered.

	EBP paper	Critical appraisal tools for using EBP Grading rubric for the Paper (organization, spelling, grammar, flow of info, words limit, type of font, size, no plagiarism)	11 Note Please submit the paper on Tuesday 18/4/2017 by 12:00pm
1	Case presentation	Case presentation rubric	16 All the groups will present together. For grading: the average of the all instructors evaluating the presentation will be considered. Tuesday 23/5/2017
1	Clinical Reflection Assignments	Follow Model Clinical reflection grading rubric	17 Please submit the paper on Tuesday 29/5/2017 by 12:00 pm
1	Community service activity participation.	Be creative Think of something that will help patients and community.	17

Assignment Protocol:

- All assignment needs to be done individually. Only one draft can be reviewed with highlighting your questions one week prior to the submission date. No draft review without clear focused questions.
- Words limit for the **EBP assignment 1500**, for the **reflection assignment 500**.
- For the presentations each student will have **5 min.** and 2 for discussion.
- For the community service activity you can work in group (3 students together).
- Use the website for submission, email and handed paper.

Criteria for evaluation :

The rubric evaluation forms will be attached for:

1. Continuous evaluation & for Professional behavior and ethical attitude.
2. The guideline for physical therapy practice oral presentation
3. Case presentation
4. Clinical reflection paper
5. EBP paper
6. Community Service Outreach Evaluation Sheet and grading rubric

Course rules :

Dear students, please read the following ground rules for this course to clarify any misunderstanding:

- 1) Students are expected to attend class on time. In case of an emergency such as (an illness or a car accident) students may be excused to attend the rest of the class. It is always a good gesture to email your instructor prior to class telling her that you are running a little late. Please do not make this a habit, students who are always coming late will score poorly on their Continuous Clinical Evaluation form. In case of class cancellations you will be notified via email.
- 2) In case you missed a class, it is your responsibility to contact your classmates and obtain the material covered in class.
- 3) Abiding to the midterm exam set date is mandatory in case you miss the exam **THERE WILL BE NO REMAKE EXAM**. Unless it's an unexpected emergence this includes (a close death in the family, hospitalization, and an illness that requires a sick leave). In that case the student is required to provide proof of this to her academic advisor to reach a decision. Please note that the student is fully responsible for providing evidence of unavoidable absences within one week of the exam date to her academic advisor.
- 4) A remake exam **can be** considered, only if the excuse is valid, after meeting with the academic advisor and the head of the department. And the student will be notified by her academic advisor.
- 5) Students in this course are expected to submit the assignments on time. Any late submission will affect your grade. A 2% deduction will be effective after the deadline has passed and a 3% deduction will take place if you hand in the assignment 24h late. And a 5% deduction if you hand it in 48h late. No assignment will be accepted after that. Please provide adequate time for your assignment submission to avoid any technological difficulties that you might come across and might cause unwanted delays.
- 6) The course syllabus is a guideline to the course and not a final draft. Changes and modification may be applied and the students will be notified accordingly via email or via group leader.
- 7) For the Clinical visitation rules and guidelines, please refer back to hospital policy and procedures.
- 8) Clinical visitations starting on 10th week will start handling patients if the patient is a no show, a case scenario will be covered.
- 9) During clinical visitation students will be divided into groups of 2 if possible.
- 10) Students will be assigned a clinical case to follow with for 6 weeks. Basic information could be provided to the students prior to the clinical visitations if the hospital's policy allows it.
- 11) Students will be responsible for an initial evaluation, designing the treatment plan, applying the treatment plan under close supervision, measuring the outcome of the treatment with standardized testing, and discussing the discharge plan. Then writing the reports.

- **Class Leader:**

Name:

- The Class Leader will be the contact between the course instructors and the students.

- Ensure that all students are aware and informed of their duties

- **Duties of the Class leader:**

- Ensure that clinical area is always left in a neat and orderly fashion

- Informs her class mates if the instructor is running late

Informs her class mates about any change in the clinical venue.