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Fall 9-1-2001

PT 516.02: Musculoskeletal Evaluation I

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MS exam and evaluation , PT 516
Syllabus Fall 2001

Professors: Elizabeth (Beth) Ikeda, PT, MS,OCS
Steve Fehrer, PT, PhD
Assisting: Patsy Mangan PT, MS

Course Description:

Musculoskeletal pathology- 15 hours with Dr Fehrer
Musculoskeletal exam and evaluation-special tests 65 hours

Time: Monday and Wednesday 8-10, Friday 1-3

Location: Lectures- Skaggs 113 on M + W , 117 on Friday
Labs (most classes will be labs)- 020

Required Texts:

Clarkson: Musculoskeletal Assessment, 2nd ed
Magee, D: Orthopedic Assessment 3rd ed
O'Sullivan, S: Rehabilitation 4th ed
Hall and Brody: Therapeutic Exercise
Faculty packet- notebook in LSS
Nordin and Frankel: Basic Biomechanics of the Musculoskeletal System

Recommended resource texts:

Cyriax J: Textbook of Orthopedic Medicine
Donatelli: Orthopedic Physical Therapy
Hertling: Management of Common
Musculoskeletal Disorders
Hoppenfeld: Physical Examination of the
Spine and Extremities
Kendall: Muscles- Testing and Function

Recommended videos: Orthopedic Special tests (in storage area)

SEPTEMBER

5 Introduction/ decision making/ tests and measures (principles)
reading: Hypothesis oriented algorithm (Fac pac for PT 503)
O'Sullivan, 3rd ed, chapter 5 (notebook in LSS) –
"Model of Orthopedic dysfunc..."(notebook in LSS)
Magee- review chapter 1

7 Chart review/ interviewing
reading: Magee: pgs 1-7

10+12- Pathology – Dr Fehrer

14 Interviewing /vital signs
reading:O'Sullivan, chapter 4

17+19- Pathology- Dr Fehrer

21 Vital signs and lab

24+26- Pathology- Dr Fehrer

28- State MAPTA meeting- NO CLASS

OCTOBER

1 Posture- basic principles/scoliosis

reading: Magee, chapter 15
Hall and Brody, pp 128-140

3 Posture lab/ observation

5 Intro to palpation, goniometry, decision making

reading: Clarkson, Chapter 1
Magee- pp17-23, 38-40

8 Assessing joint integrity and mobility (joint play), special tests, function

reading: Magee pp 26- 34, 37-38

10 TEST

12 Intro to muscle testing, palpation, decision making

reading: Clarkson, Chapter 1
Magee pp 23-26

15 Neurologic screening- sensation and reflexes

reading: Magee pp9-17, 34-37

17 Cervical spine- pathology- STEVE FEHRER (1hour)

reading: TBA

impairments, function, posture/position, palpation, ROM, MMT, special tests

reading: Magee, Chapter 3

19 FACULTY RETREAT, NO CLASS

22 C spine -myotomes, reflexes, sensation, circulation,

24+26 C spine- ROM, MMT, Spec tests

reading: Clarkson, pp34-42, 61-67, 94-95
TBA

29 Case- cervical

31 Shoulder surgery/ pathology- Dr Fehrer

reading: TBA

NOVEMBER

- 2+5+9 Shoulder exam, cont
 reading: Magee: Chapter 5
 Clarkson: Chapter 3
- 12- HOLIDAY
- 14 Shoulder Case
- 16 TEST- practical exams this week
- 19 Elbow/forearm exam
 reading: Magee: Chapter 247
 Clarkson: chapter 166
- 21-23 Holidays
- 26+28 Elbow, cont
- 30 Wrist and Hand
 reading: Magee: Chapter 7
 Clarkson: Chapter 5

DECEMBER

- 3+5+7 Wrist and Hand, cont
- 10+12 TMJ
 reading: Magee: Chapter 4
 Clarkson: Chapter p38
- 14 Review

FINAL EXAM – Monday, December 17 at 8-10

***This class is designed to have a large lab component, you will be expected to dress in appropriate clothing to fully expose the body part we are examining that day. Inappropriate dress hurts your partner, not you. You may be asked not to participate if you are not dressed properly!

*** You are expected to read the assignment for the day **BEFORE** coming to class. This will help you appreciate the subtleties of the in-class demonstrations and will save you time and energy in the long run. You should also plan on reviewing the videotapes. A list of the "special tests" which you are expected to know will be given to you (Some of them are not described in your text and some are not on the video, which is currently being revised).

***Class participation is expected, attendance will not be taken. You will be responsible for obtaining information from missed classes. You must contact me on or before the day of a test if you are sick (243-5190 or 728-6858) or leave a message with Sheila (243-4753).

***Points will be deducted for late assignments at the rate of 10 percent per day, unless otherwise arranged.

***Grading (grades will be calculated for all units on the basis of percentage of hours):

PT 516 grades

Test 1	100 points
Test 2	100 points
Comprehensive Final	200 points
case studies	15 points each
quizes ?	25 pts

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practical 1	50 points
practical 2- comprehensive	50 points

NOTE ON PRACTICAL EXAMINATIONS:

Practical exams are given over a period of days, so there are times when some students have completed the exam while others are still studying. In order to insure equality of testing procedures for all students please adhere to the following regulations:

1. Do not solicit any information from students who have already taken the exam.
2. Do not discuss any part of the exam with classmates who have not taken the exam (or with someone else in their presence).
3. While practical exams are being given do not use the equipment that might be used during the exam.
4. While practical exams are in session do not study, practice, or otherwise loiter in the exam area.

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Please contact me if you have any questions or problems at 243-5190, 728-6858(home) or leave a message in the office. Remember that I am available to help you outside of class, but you must take the responsibility to come to me. Asking for help is **NOT** a sign of weakness- we (PT's) would be out of business if people did not ask for help.