

Division of Clinical Sciences
Department of Technique, Principles and Therapeutics
FALL 2011

Course Number and Name: CH7213 Adjusting Procedures V
Course Hours: Lecture: 1 Lab: 3 Total: 60
Course Credits: 2.5

Contact Information:

Lead Faculty: Kenneth R. Sorrels, D.C.

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Office Hours: Monday – 11AM to 12 PM, 1 to 2 PM & 3 to 4 PM
Tuesday – 10 to 11 AM & 12 to 1 PM
Wednesday – 10 to 11 AM & 1 to 2 PM
Thursday – 10 to 11 AM, 12 to 1 PM & 2 to 3 PM

Meeting Times and Places:

Monday – 12 PM Lecture in I-104

Tuesday - 1 PM in LB-2

Wednesday – 11 AM in LB-2

Thursday – 12 PM in LB-2

Or by appointment

The best way to view your video for adjusting labs is to make an appointment with Dr. Foster. Dr. Foster can only give you access to seeing your film. He will not comment on your performance.

Course Materials:

Required Readings/Texts:

Bergman/Peterson-*Chiropractic Technique, Principles and Procedures*, 3rd Edition, Elsevier/Mosby, 2011

Suggested Readings:

Hoppenfield, Physical Examination of the Spine and Extremities

Magee, Orthopedic Physical Assessment

Scholar 360 Addresses: <http://www.scholar360.com/txchiro/>

Course Packs: Not Required

Course Description:

This course is comprised of motion palpation, assessment, adjusting and treatment of the upper and lower extremities.

PREREQUISITE: Adjusting Procedures III, Orthopedics I

Goal/Rationale of the Course:

This course is designed to teach student doctors how to evaluate, diagnosis and treat non spinal injures. Treatment will primarily focus on manipulation however supportive treatments, rehabilitation and mobilization will be discussed.

Learning Outcomes:

Upon completion of this course the student doctor should have the basic skills necessary to assess a non-surgical extremity injury. They should formulate that assessment into a working diagnosis and create a specific and safe treatment plan to address the issue. They must demonstrate the skills necessary to address the manipulative portion of that treatment plan. These skills will be accessed in lecture tests and lab practical's.

Learning Objectives:

Assessment of range of motion and restriction for all non spinal joints
Correlate specific joints range of motion with non surgical pathology
Proficiency in palpation of all non spinal joints
Understanding of functional tests related to specific joints and muscles
Familiarity with the clinical presentation of the most common extremity injuries
Proficiency in extremity adjusting with specific emphasis on joint play, lockout, thrust amplitude and trust velocity.
Competency in relating manipulative options with their level of safety, comfort and aggressiveness
Comprehension of ancillary treatments and tests to support extremity adjusting

Clinical Competencies:

History, physical exam, neuromusculoskeletal exam, diagnosis, case management, adjusting, doctor-patient relationships, palpation, physical medicine and rehabilitation.

Teaching Philosophy:

We believe in hands on approach to teaching.

To gain the most out of this class you should arrive each day with a desire to learn something new that will improve how you practice. The more the class as a whole gets into learning skills and challenging current treatments the better doctors you will be.

We will attempt to relate everything in lecture and lab back to clinical practice.

As a student you are responsible active participation in class. This class is designed to be interactive and hands on which does not lend itself to passive attendance. As the instructors we will attempt to value your time and knowledge as students. We will strive deliver comprehensive approach to extremities which will affect the way you practice.

Student Responsibilities:

Participation: Regular and punctual attendance at all scheduled classes and laboratories are expected.

Homework: See Daily Responsibilities

Daily Responsibilities:

For the laboratory portion of the course, it is important that the students be able visualize and touch the skin of the areas they are to examine and treat. In compliance with the department policy, all students (male and female) will be required to purchase and wear a clean patient gown to all shoulder laboratory classes. Students will be required to wear shorts to all lower extremity classes. Each student will be prepared to act as doctors and patients in every class period. Improper attire will result in being recorded as absent for that period.

Quizzes/Exams:

There will be four examinations in this course. A mid-term practical worth 100 points, a final practical worth 100 points, a written midterm worth 50 points and a final written worth 50 points. Both finals will not be comprehensive. If you choose to contest your grade on any examination, you must do so within four weeks after the completion of the examination. After the four week deadline, all grades are final.

Note on Practicals:

All practicals are given in the assessment center and graded at a later date. If a computer error occurs and the recordings fail it is the student's responsibility to re-take the exam by scheduling with Dr. Foster.

Course Content and Outline:**Class Meeting Dates:****Lecture**

Monday 12:00 PM - I 104

Lab

Tuesday 1:00 PM - LB 2

Wednesday 11:00 AM – LB 2

Thursday 12:00 PM - LB 2

Major Lab Topics:

Week	Topic	Reading Assignment
1	Orientation	
2	TMJ analysis and adjustment	Class notes
3	Shoulder analysis and adjustment	Class notes
4	Shoulder analysis and adjustment	Class notes
5	Elbow analysis and adjustment	Class notes
6	Wrist/Hand analysis and adjustment	Class notes
7	Review/Catch up	
8	Midterm Lab Exam	Upper extremity only
9	Hip analysis and adjustment	Class notes
10	Knee analysis and adjustment	Class notes
11	Ankle analysis and adjustment	Class notes
12	Foot analysis and adjustment	Class notes
13	Review/Catch up	
14	Final Lab Exam	Lower extremity only

15	Final Written Exam	Comprehensive
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Grade Method and Scale:**Statement on the Assessment Process and Measurements:**

The goal of assessment will be to determine if class outcomes objectives have been reached by each student.

Explanation of Evaluation:

Practicals will be graded via the adjusting grade sheet in the assessment center. Two of the lab doctors will each have a grade sheet and your grade will be the average of those two. If the doctor's grade sheets have a difference of greater than ten percent a review of the scores will be conducted automatically. If one doctor is unable to grade for unforeseen reasons, then the grade sheet of the grading doctor will be doubled. Each practical has a maximal value of 100 points.

If during the practical you are acting as the patient and are observed assisting anyone being tested your grade will be lowered by a minimum of ten points and there is no max.

The midterm and final exams will be a standard written exams consisting of multiple choice questions. Maximum points for each exam will be fifty points.

Your final grade for the entire class (lecture and lab) will be an average of the midterm practical (100 points), midterm written exam (50 points), the final practical (100 points), and the final written exam (50 points). Total possible points for the class will be 300.

Grading scale:

A = 90% - 100%

B = 80% - 89%

C = 70% - 79%

F = below 70%

Resources:

Web-based: See Scholar 360

Study Groups:

I highly recommend getting together in groups of 3 or 4 to practice adjusting throughout the trimester.

Essential Policy Information:**Attendance** p. 59 Student Handbooks:

Regular and punctual attendance at all scheduled classes and laboratories is expected. A student is subject to academic penalty if absences exceed ten percent. Absences exceeding twenty percent subject a student to dismissal from a course. Three (3) incidences of tardiness may constitute an absence. If justifiable cause can be shown for the absenteeism, the student may be permitted to make up missed assignments and maintain enrollment in the class. The hours from these periods will be added to the student's clinic requirements.

Examinations p. 59 Student Handbook:

Students must notify faculty before missing any examination. Students are expected to take intra-term examinations at their scheduled times. If an examination is missed for good and sufficient reason and the student has notified the faculty in advance, a make-up examination may be given subject to a fee of \$25. Such examinations must be made up prior to final examinations. Final exams are to be taken at the scheduled time. If an examination is missed for good and sufficient reason and the student notified the faculty in advance, a make-up examination may be given subject to a fee of \$25.00, which goes into a student scholarship fund. Make-up examinations must be completed with the first week of the next trimester.

Incompletes p. 59 Student Handbook:

Course assignments and examinations must be completed prior to the final examination in that course. Assignments and examinations not completed receive a grade of zero.

Cellular Phones and Pagers p.12 Student Handbook:

Electronic communication devices are to be turned off or placed in silent mode when entering the classroom. This will benefit the learning environment for you, your fellow classmates, and instructors.

Guidance and Counseling p.18 Student Handbook:

The Guidance and Counseling Department is prepared to confidentially assist students, faculty, and staff with personal, relationship, and academic mental health-related issues. With appropriate documentation, the Director of Guidance and Counseling coordinates academic-related special needs with instructors.

Make up Exam Policy

Students must notify faculty before missing any examination. If an examination is missed for good and sufficient reason and the student has notified the faculty member in advance, a make-up examination may be given subject to a fee of \$40.00. The fee for the make up examination is a minimum of \$75.00 if a standardized patient is required for the exam. Additional required standardized patient hours may increase this \$75.00 minimum fee. All intra-term examinations must be made up prior to final examinations. Missed final examinations must be made up within the first week of the next trimester. A student may be allowed a maximum of two missed examination dates for good and sufficient reason per trimester. These two missed examination dates are for all enrolled courses in a trimester, not for each individual course. Any request for additional make up examinations will require documentation substantiating the absence and must be approved by the Dean of Academic Affairs.

Note: Other important policies can be obtained from the current edition of the Student Handbook.