**Musculoskeletal 250 Integrated Clinical Clerkship in the Musculoskeletal System**

**Learning Unit V (Syllabus)**

**(Two weeks)**

I. Course Description: Rotation in the Orthopedics, Rehabilitation Medicine and Rheumatology Clinics with supervised participation in the diagnosis, management and prevention of common musculoskeletal conditions emphasizing the interdisciplinary approach.

II. Course coordinator: Dr. Sharon Ignacio – Department of Rehabilitation Medicine

III. Liaison officers:

 Dr. Ester Penserga - Rheumatology Section Department of Medicine

 Dr. Sharon Ignacio - Department of Rehabilitation Medicine

 Dr Samuel Arsenio M. Grozman – Department of Orthopedics

IV. Introduction

This is a two week exposure to diseases of the musculoskeletal system commonly seen in the out patient clinics or the ambulatory setting. The course will be facilitated by faculty of 3 departments, namely, the Department of Medicine through the Section of Rheumatology, Department of Orthopedics and the Department of Rehabilitation Medicine. The course will provide plenary lectures, panel discussion, lay fora as well as actual patient care in the out patient department.

V. Course Objectives

General Objective: To diagnose, evaluate and manage common musculoskeletal conditions in the ambulatory setting.

 Specific Objectives:

1. To efficiently evaluate a patient with a musculoskeletal disorder
2. To diagnose common musculoskeletal disorders in the ambulatory setting
3. To list down differential diagnosis given a patient with musculoskeletal problem
4. To read and interpret radiographs of common musculoskeletal conditions
5. To recognize the indications for prescribing relevant diagnostic examinations and procedures in a patient with a musculoskeletal disorder
6. To provide a sound and effective treatment plan for the common musculoskeletal disorders.
7. To recognize the impact of the musculoskeletal condition on the function and quality of life of the patient

VI. Course Schedule of Activities

Week 1

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Monday | Tuesday  | Wednesday  | Thursday | Friday |
| 7:30AM | 7:30-9 Orientation9-10 Plenary Approach/algorithm to diagnosis of musculoskeletal disorders10-12 Physical Exam of spine and extremities  | 10:00-12 Plenary lecture Radiology Readings **(Ortho)** | Preceptorials Group 1 and 2 **(Ortho)** | Preceptorials **(Ortho/****Rehab)** | Preceptorials **(Ortho/Rehab)** |
| 1PM | Preceptorial – Group 1 and 2 **(Rheuma)** | Preceptorials**(Rheuma/****Rehab)** | Pharmacology lecture  | COMESelf-Study | Self-study for radiology followed by practical exam on radiographic reading |

Week 2

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Monday | Tuesday | Wednesday | Thursday | Friday |
| 7:30 AM | Preceptorials **(Ortho/Rehab)** | 8-10 UP COLLEGE | Panel Discussion | Preceptorials**(Ortho/****Rehab)** | Preceptorials**(Ortho/Rehab)** |
| 1PM | PreceptorialsGroup 1 and 2 **(Rheuma)** | Preceptorials**(Rheuma/****Rehab)** | Patient’s Education / Lay fora | Self-Study | Feedback  |

VIII.Evaluation

 Preceptorial (Out patient Clinics) – 45%

 Panel Discussion – 10%

 Patient’s Education/Lay Fora – 10%

 Practical Exam on radiology – 5%

 Attendance and attitude – 10%

 End-of-Rotation Exam – 10%

 Comprehensive Exam – 10%

**NOTE: There is an additional requirement from the College of medicine. Each student should evaluate 70% of the activities of the rotation at** [**http://unite.cm.upm.edu.ph**](http://unite.cm.upm.edu.ph)**. Evaluation must be in by the end of the rotation. Failure to comply will lead to an INCOMPLETE GRADE and necessary make-up will be made.**

1. List of References
2. Required readings are taken from the following recommended textbooks:
3. Harrison’s Textbook of Internal Medicine 17 th ed (Ch 308-309, 313-314, 316-321, 325-331)
4. Bates: A guide to Physical Examination and History taking 10th ed
5. Hoppenfield: Physical Examination of the Spine and Extremities
6. Additional references:
7. Braddom Principles of Physical Medicine and Rehabilitation 3rd edition (ch37-44)
8. De Lisa’s Physical Medicine and Rehabilitation Principles and Practice 4th ed (Ch26-38)
9. Pharmacology by Goodman and Gillman
10. Turek SL. Bone Infections, In Orthoppedics: Principles and their Application 4th ed vol 1 pp 258-282; 442-444. Vol 1: 1984.