

## Course Specification Card for Block & Clerkship 4.4 (Movement)

College	College of Medicine	Department	Medical Education		
Course Name (English)	Movement (Musculoskeletal Disorders)	Course Name (Arabic)	أمراض الجهاز الحركي		
Course Number	1000404	Course Code	1000404		
Credit Hrs.	6 hours	Contact Hrs.	Theoretical	Practical	T
Teaching Language	English <input checked="" type="checkbox"/> Arabic <input type="checkbox"/>		62	72	134
Teaching Method	<input checked="" type="checkbox"/> Face-to-Face <input type="checkbox"/> Online <input type="checkbox"/> Blended				
Course Nature	<input checked="" type="checkbox"/> Compulsory <input type="checkbox"/> Elective				
Course Type	<input type="checkbox"/> University Requirement <input checked="" type="checkbox"/> College Requirement <input type="checkbox"/> Program Requirement				
Level	Year 4	Pre-Requisite(s)	All Year 3 Courses		

### Course Description:

- Learn the fundamentals of Neurology, Orthopedics including Spine, Rehabilitation and Rheumatology, Psychiatry & Ophthalmology clinical specialties.
- To equip the student with the basic knowledge of Neurology, Orthopedics including Spine, Rehabilitation and Rheumatology, Psychiatry & Ophthalmology to secure foundation in the subject on which they can subsequently build, whether for general practice, or further specialization .
- To acquire the ability to diagnose and manage basic cases of Neurology, Orthopedics including Spine, Rehabilitation and Rheumatology, Psychiatry & Ophthalmology patients in primary care settings
- To Identify possible complications, learn their prevention and management

### Topics:

1. Nervous system examination
2. Disorders of the central nervous system
3. Spinal cord disorders
4. Large Joint Examination
5. Approach to a polytrauma patient
6. Approach to a patient with joint pain
7. Sports Injuries
8. Long-bone Fractures and its complications
9. Psychiatric examination of adult
10. Psychiatric examination of adolescent & child
11. Approach to patient with psychosis
12. Approach to patient with neurosis
13. Examination of eye
14. Approach to a patient with red eye
15. Approach to a patient with visual disorders
16. Internal eye disorders
17. Ocular emergencies

### Learning Outcomes

- Describe the etiologies and pathophysiology of common orthopedic, neurological, ophthalmology and psychiatric disease .
- Discuss the clinical features, differential diagnosis, and related diagnostic testing and management of common orthopedic, neurological, ophthalmology and psychiatric disease.
- Complete a patient's history and physical exam in a logical organized and thorough manner
- Evaluate and prioritize problems with which a patient presents, appropriately synthesizing these into logical clinical syndromes .
- Summarize basic diagnostic tools and select a plan of management for common neurological/ orthopedic/ psychiatric/ ophthalmic disorders
- Demonstrate use of interpersonal communication skills during history taking and examination of cases throughout the clinical training period
- Demonstrate the ability to communicate effectively with, physicians, and other health professionals.
- Perform general examination in logical organized and thorough manner
- Perform examination of all relevant systems- neurological, musculoskeletal, mental and Ocular in logical organized and thorough manner
- Develop and implement a suitable plan of care for different patient problems in a shared view with Patients, relatives and peers.
- Demonstrate the ability to work in team and follow the professional and legal standards and effective communication with the other colleagues.

Assessment Tools	<input type="checkbox"/>		<input type="checkbox"/> mid- block exam	10 %	<input type="checkbox"/> Final Written Exam	30%
	<input type="checkbox"/> Hospital Assessment	15%	<input type="checkbox"/> OSCE	% 30	<input type="checkbox"/> Clinical Exam	15%
Main Reference	<ul style="list-style-type: none"> <li>• Mac Leod's clinical examination 11th edition Elsevier</li> <li>• Kumar and Clarks's clinical medicine 8th edition Elsevier</li> <li>• Rang and Dale pharmacology 7th edition Elsevier(N: newer edition is available but student have already been using the 7th edition)</li> <li>• Principles of Neurology by Adams and Victor, 10th Ed .</li> <li>• Aplyes system of orthopedic and tauma 10th edition.</li> <li>• Textbook of Psychiatry by Geddes, 4th Ed .</li> <li>• Ophthalmology: A Pocket Textbook &amp; Atlas by G Lang, 2nd Ed .</li> </ul>					
Supporting References	<p>List Electronic Materials, Web Sites, Facebook, Twitter, etc.</p> <p>British National Formulary Journal of Bone &amp; Joint Surgery (JBJS-American &amp; JBJS – British) Orthobullets.com Inkling.com Slideshare.com Easyauscultation.com Uptodate.com</p>					

