

**KING SAUD UNIVERSITY  
COLLEGE OF MEDICINE**

WEEK 1- MUSCULOSKELETAL BLOCK A (Male)				
Week (1) Starting: 8/5/2010 (24/5/1431H)				
CHAIR PERSON: Dr.Ahamed Bin Naser				
CO-CHAIRE: Dr.Musaad Al-Fayez				
Saturday	Sunday	Monday	Tuesday	Wednesday
8:00 - 9:00 am Pectoral Region, Axilla and Shoulder Joint  (Anatomy)  Dr.Khan	8:00 - 12:00 pm Independent Learning	8:00 - 9:00 am Arm, Cubital Fossa and Elbow Joint  (Anatomy)  Dr.Vohra	8:00 - 9:00 am Muscles of the Forearm (Anatomy) Dr.Makarem	8:00 - 9:00am Back Muscles and Scapular Muscle  (Anatomy)  Dr.Ahmed
9:00 - 10:00 am Nerve Resting Membrane Potential (Physiology)  Dr.Taha		9:00 - 10:00am Neuromuscular Transmission (Physiology)  Dr.Taha	9:00 - 12:00pm Independent Learning	9:00 - 10: 00am (Practical) Back Muscles and Scapular Muscle
10:00 - 11:00 am Action Potential & Properties of Nerve Fibers  (Physiology)  Dr.Taha		10:00 - 11:00am Glycogen metabolism (1) (Biochemistry) Dr.Sherif	11:00 - 12:00pm Independent Learning	11:00 - 12: 00pm Independent Learning
11:00 - 12:00pm Properties of Nerve Fibers (Physiology)  Dr.Taha		11:00 - 12:00pm Glycogen metabolism (2)  (Biochemistry)  Dr.Sherif		
<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>
1:00 - 3:00 pm (Practical) Pectoral Region, Axilla and Shoulder Joint	1:00 - 3:00pm  Salam	1:00 - 2:00pm  Physiology of Muscle & Muscle Contraction (1)  (Physiology)  Dr.Taha	1:00 - 2:30pm (Practical)  Muscles of the Forearm	1:00 - 3:00pm  Salam
		2:00 - 3:00pm  (Practical)  Arm, Cubital Fossa and Elbow Joint		

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WEEK 2 – MUSCULOSKELETAL BLOCK A (Male)				
Week (2) Starting: 15/5/2010 (1/6/1431H)				
CHAIR PERSON: Dr. Ahamad Bin Nasser				
CO-CHAIRE: Dr. Musaad Al-Fayez				
Saturday	Sunday	Monday	Tuesday	Wednesday
8:00 - 9:00 am Physiology of Muscle & Muscle Contraction (2)  (Physiology)  Dr.Taha	8:00 - 9:00 am Independent learning	8:00 - 9:00am Physiology of Bone (Physiology)  Dr.Taha	8:00 - 9:00 am Front and Lateral Compartment of the Leg and Dorsum of the Foot (Anatomy)  Dr.Vohra	8:00 - 9:00am Independent Learning
09:00 - 10:00 am ATP and Energy Metabolism (Biochemistry) Dr.Usman	9:00 – 10:30 am Small Group Discussion	9:00 - 10:00am Gluteal Region, Back of the Thigh and Hip Joint (Anatomy) Dr.Al-Fayez	9:00 – 10:30 am Small Group Discussion	9:00 - 10:00 am Bone Fracture Healing (Pathology) Dr. Abdulmalik Al-Sheikh
10:00 - 11:00 am (Hand Muscle and Wrist joint) (Anatomy) Dr.Khan	10:30 - 12:00pm Independent learning	10:00 - 11:00pm Frontal and Medial Side of the Thigh (Anatomy) Dr.Makarem	10:30 - 12:00pm Independent Learning	10:00 – 11:00am Cartilage and Joint (Physiology)  Dr.Taha
11:00 - 12:00pm Creatine Metabolism (Biochemistry) Dr.Amr				
<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>
1:00 - 2:00 pm (Practical) Hand Muscle and Wrist joint	1:00 - 3:00 pm Salam	1:00 - 4:00pm  (Practical) Frontal and Medial Side of the Thigh (Practical)  Gluteal Region, Back of the Thigh and Hip Joint	1:00-2.30pm (Practical) Front and Lateral Compartment of the Leg and Dorsum of the Foot	1:00 - 3:00 pm Salam

LECTURE THEATER :

Room No. 2141- Level 2- Seat Cap.153

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WEEK 3 – MUSCULOSKELETAL BLOCK A (Male)

Week (3) Starting:

22/5/2010 (8/6/1431H)

CHAIR PERSON: Dr.Ahmad Bin Naser

Saturday	Sunday	Monday	Tuesday	Wednesday
8:00 - 9:00 am Radiological anatomy of the Musculoskeletal system (1)  Dr.Essam	8:00 - 9:00am Independent Learning	8:00 - 9:00am Classification of Rheumatological Diseases (Immunology)  Prof.Jadalrab	8:00 - 9:00am Muscles of Face  (Anatomy)  Dr.Khan	8:00 - 9:00 am Purine Degradation and Uric Acid Formation  (Biochemistry)  Dr.Usman
09:00 - 10:0 am Radiological anatomy of the Musculoskeletal system (2)  Dr.Ahmed	9:00 – 10:30am Small Group Discussion	9:00 - 10:00am Knee and Ankle Joint  (Anatomy)  Dr.Ahmed	9:00 – 10:30am Small Group Discussion	9:00 - 10:30 am Nsaid  (Pharmacology)
10:00 - 11:00 am Popliteal Fossa, Posterior Compartment of the Leg and Sole of the Foot (Anatomy) Dr.Vohra	10:30 - 12:00pm Ostemyelitis & suppurative arthritis (Pathology)  Dr. Abdulmalik Al-Sheikh	10:00 - 11:00am Congenital and development bone disease (Pathology) Dr. Abdulmalik Al-Sheikh	10:30 - 11:30pm Tempomandibular Joint and Muscles of Mastication (Anatomy)  Dr.Essam	10:30 - 12:00 am Drugs in the treatment of Gout and arthritis (Pharmacology)
11:00 - 12:00pm Immunology tolerance and autoimmunity  (Immunology)  Prof.Jadalrab		11:00 - 12:00pm Introduction to Non-Infectious Arthritis (Pathology) Dr. Abdulmalik Al-Sheikh		
Lunch	Lunch	Lunch	Lunch	Lunch
1:00 - 3:00 pm (Practical) Popliteal Fossa, Posterior Compartment of the Leg and Sole of the Foot	1:00 - 3:00 pm Salam	1:00 - 3:00 pm (Practical)  Knee and Ankle Joint	1:00 - 3:00 pm  (Practical) Muscles of Face (Practical) Tempomandibular Joint and Muscles of Mastication	1:00 - 3:00 pm  Salam

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Week 4 – MUSCULOSKELETAL BLOCK A (Male)				
Week (4) Starting: 29/5/2010 (15/6/1431H)				
CHAIR PERSON: Dr. Ahmad Bin Nasser				
Saturday	Sunday	Monday	Tuesday	Wednesday
8:00 – 9:00 am Muscle Relaxants and Neuromuscular Blockers <b>(Pharmacology)</b>	8:00 ~ 9:00 am Mycetoma <b>(Microbiology)</b>	8:00 ~ 10:00 am <b>(Practical)</b> Biopack on muscles contraction	8:00 ~ 9:00 am Independent Learning	8:00 ~ 9:00 am Independent Learning
09:00 ~ 10:00am Muscle Infection and Arthritis <b>(Pathology)</b> Dr.Ali Somily	9:00 – 10:30 am Small Group Discussion		9:00 – 10:30am Small Group Discussion	10:00 ~ 11:00 am Soft Tissue and bone tumors) <b>(Pathology)</b> Dr. Abdulmalik Al-Sheikh
10:00 ~ 11:00am Osteomyelitis Microbiology Prof.Kambal	10:30 ~ 12:00pm <b>(Practical)</b> Biopack on nerve action potential.	10:00 ~ 11:00am Anterior Abdominal Wall <b>(Anatomy)</b> Dr.Al-Fayez	11:00 ~ 12:00pm Posterior Abdominal Wall and Pelvic Wall <b>(Anatomy)</b> Dr.Vohra	11:00 ~ 12:00pm <b>(Practical)</b> Musculoskeletal pathology Dr. Amer Shafai
11:00 ~ 12:00pm Triangles of the Neck <b>(Anatomy)</b> Dr.Makarem		11:00 ~ 12:00pm Subcutaneous Mycosis		
<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>
1:00 ~ 3:00 pm <b>(Practical)</b> Triangles of the Neck	1:00 ~ 3:00 pm Salam	1:00 ~ 3:00 pm <b>(Practical)</b> Anterior Abdominal Wall	1:00~2:30pm <b>(Practical)</b> Posterior Abdominal Wall and Pelvic Wall	1:00 ~ 3:00 pm Salam

LECTURE THEATER :

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## BIOCHEMISTRY

➤ Musculoskeletal: (4 weeks)

1. Glycogen metabolism (2)
2. ATP and energy metabolism during muscular exercise
3. Creatine metabolism
4. Purine degradation and uric acid formation : Gout

## PHARMACOLOGY

➤ Musculoskeletal: (4 weeks)

1. Nsaids
2. Drugs in the treatment of Gout and arthritis
3. Muscle Relaxants and Neuromuscular Blockers

# ANATOMY

➤ Musculoskeletal: (4 weeks)

1. Pectoral Region, Axilla and Shoulder Joint
2. Arm, Cubital Fossa and Elbow Joint
3. Muscles of Face
4. Back Muscles and Scapular Muscle
5. Hand Muscle and Wrist joint
6. Frontal and Medial Side of the Thigh
7. Front and Lateral Compartment of the Leg and Dorsum of the Foot
8. Popliteal Fossa, Posterior Compartment of the Leg and Sole of the Foot
9. Knee and Ankle Joint
10. Gluteal Region, Back of the Thigh and Hip Joint
11. Temporomandibular Joint and Muscles of Mastication
12. Triangles of the Neck
13. Anterior Abdominal Wall
14. Posterior Abdominal Wall and Pelvic Wall
15. Muscles of the Forearm

➤ Practical:-

- Pectoral Region, Axilla and Shoulder Joint
- Arm, Cubital Fossa and Elbow Joint
- Muscles of the Forearm
- Back Muscles and Scapular Muscle
- Hand Muscle and Wrist joint
- Frontal and Medial Side of the Thigh
- Gluteal Region, Back of the Thigh and Hip Joint
- Front and Lateral Compartment of the Leg and Dorsum of the Foot
- Popliteal Fossa, Posterior Compartment of the Leg and Sole of the Foot
- Temporomandibular Joint and Muscles of Mastication
- Muscles of Face
- Triangles of the Neck
- Posterior Abdominal Wall and Pelvic Wall
- Anterior Abdominal Wall

# PHYSIOLOGY

➤ **Musculoskeletal: (4 weeks)**

1. Nerve Resting Membrane Potential
2. Action Potential & Properties of Nerve Fibers
3. Properties of Nerve Fibers
4. Neuromuscular Transmission
5. Physiology of Muscle & Muscle Contraction (1)
6. Physiology of Muscle & Muscle Contraction (2)
7. Physiology of Bone
8. Bone, Cartilage and Joint

➤ **Practical:-**

- Biopack on nerve action potential.
- Biopack on muscles contraction

# PATHOLOGY

➤ Musculoskeletal: (4 weeks)

1. Bone Fracture Healing
2. Osteomyelitis & suppurative arthritis
3. Congenital and development bone disease
4. Introduction to Non-Infectious Arthritis
5. Soft Tissue and bone tumors

➤ Practical:-

- Musculoskeletal pathology

## Microbiology

1. Myocitis
2. Tetanus and Botulism

## Immunology

1. Immunology tolerance and autoimmunity
2. Classification of Rheumatological Diseases

## Radiology

1. Radiological anatomy of the Musculoskeletal system (2)

## Virology

1. Viruses Causing Maculopapular rash (2)

## Parasitology

1. Scabies and Cutaneous Leishmaniasis
2. Mycetoma

## Mycology

1. Dermatophytes