

**KING SAUD UNIVERSITY
COLLEGE OF MEDICINE**

1 – NERVOUS SYSTEM BLOCK (Male-Group B)

Week (1) Starting: 01/09/2013 to 05/09/2013 (25/10/1434 to 29/10/1434)

ANS, Spinal Cord & Peripheral Nerves

CHAIR PERSON: Prof. Sultan Ayoub Meo

CO-CHAIR: Dr. Amro Al-Habib

Sunday 01 September 2013	Monday 02 September 2013	Tuesday 03 September 2013	Wednesday 04 September 2013	Thursday 05 September 2013
8:00 - 10:00 am Student activity	8:00 - 10:00am Practical Spinal cord (Histology) All Staff	8:00 - 10:00 am Practical Skull (Anatomy) All Staff	8:00 - 9:00am Embryological development of the spinal cord and vertebral column (Anatomy) Prof. Ahmed Fathalla 9:00 - 10:00am Physiology of motor tracts (Physiology) Dr. Taha	8:00 - 9:00am Normal cells of the CNS (Histology) Dr. Ali Mohammad
10:00 - 11:00am Anatomy of the spinal cord (Anatomy) Dr. Khaleel Al Yahiya	10:0 - 11:00am Student activity	10:00 - 11:00am Spinal cord Functions & reflexes (Physiology) Dr. Taha	10:00 - 11:00 am Sensory tracts (Anatomy) Dr. Essam Salama	10:00 - 11:00 am Physiology of pain (Physiology) Dr. Abdulrahman Alhowaikan
11:00- 12:00 pm Organization of the CNS (Anatomy) Prof. Saeed Abumakarem	11:00- 12:00 pm Brachial plexus and radial nerve (Anatomy) Dr. Vohra	11:00 - 12:00 pm Physiology of sympathetic nervous system (Physiology) Prof. Sultan Ayoub Meo	11:00 - 12:00 pm Physiology of parasympathetic NS (Physiology) Prof. Sultan Ayoub Meo	11:00 - 12:00 pm Sacral plexus, sciatic nerve and femoral nerve (Anatomy) Prof. Saeed Abumakarem
Lunch 12:00- 1:00 pm	Lunch 12:00- 1:00 pm	Lunch 12:00- 1:00 pm	Lunch 12:00- 1:00 pm	Lunch 12:00- 1:00 pm
1:00 - 3:00pm Student activity	1:00 -2:00pm Physiology of synapses and receptors (Physiology) Dr. Taha	1:00 - 2:00pm Median and ulnar nerves (Anatomy) Dr. Vohra	1:00 - 2:00 pm Stretch reflex & Tendon jerks (Physiology) Dr. Taha	1:00 -2:00pm Clinical Skills Dermatomes and myotomes surface Anatomy (Group B1)
	2:00 – 3:00pm Self-Directed Learning	2:00 – 3:00pm Self-Directed Learning	2:00 – 3:00pm Self-Directed Learning	2:00 – 3:00pm Clinical Skills Dermatomes and myotomes surface anatomy (Group B2)

LECTURE THEATER B
Room No.236, Level 2

WEEK 2 – NERVOUS SYSTEM BLOCK (Male-Group B)

Week (2) Starting: 08/09/2013 to 12/09/2013 (02/11/1434 to 06/11/1434)

Brainstem & Related Cranial Nerves

CHAIR PERSON : Prof. Sultan Ayoub Meo

CO-CHAIR: Dr. Amro Al-Habib

Sunday 08 September 2013	Monday 9 September 2013	Tuesday 10 September 2013	Wednesday 11 September 2013	Thursday 12 September 2013
8:00 - 9:00 am Self-Directed Learning	8:00-10:00am Small Group Learning(PBL) Case 1 Part 1	8:00-9:00am Physiology of the brainstem (Physiology) Dr. Taha	8:00 - 9:00am Radiology of brain stem and cerebellum (Radiology) Dr. Hamdy Hassan	8:00 - 10:00 am Small Group Learning(PBL) Case 1 Part 2
9:00 – 10:00am Anatomy of brainstem (Anatomy) Prof. Ahmed Fathalla		9:00 - 10:00 am Anatomy of CN XI & XII (Anatomy) Dr. Essam Salama	9:00 - 10:00 am Pathology of brain tumors –II (Pathology) Dr.Hisham Al-Khalidi	
10:00 -12:00pm <u>Practical</u> Brainstem & CNS (Anatomy) All	10:00 -12:00 pm <u>Practical</u> EMG/nerve conduction (Physiology)	10:00 - 11:00am Cellular injury of Nervous System (Pathology) Dr.Hisham Al-Khalidi	10:00 - 11:00am Physiology of sleep (Physiology) Dr. Taha	10:00 -11:00 am Internal structures of the brainstem (Anatomy) Dr. Vohra
Lunch 12:00- 1:00 pm	Lunch 12:00- 1:00 pm	Lunch 12:00- 1:00 pm	Lunch 12:00- 1:00 pm	Lunch 12:00- 1:00 pm
1:00 - 3:00pm Examination of sensory system (Introduction to Clinical Medicine) Group - B1	1:00 -2:00pm Anatomy of CN IX & X (Anatomy) Dr. Essam Salama 2:00 – 3:00pm Spinal cord (Radiology) Dr. Taja Al Dean	1:00 - 3:00 pm Salam	1:00 - 2:00 pm Biochemistry of myelin (Biochemistry) Dr. Amr Moustafa 2:00 – 3:00pm Self-Directed Learning	1:00 -3:00pm <u>Practical</u> Neuropathology I (Pathology) Dr. Marie Mukhashin/ Dr. Hisham Al-Khalidi

LECTURE THEATER B

Room No.236, Level 2

**KING SAUD UNIVERSITY
COLLEGE OF MEDICINE**

WEEK 3 – NERVOUS SYSTEM BLOCK (Male-Group B)

Week (3) Starting: 15/09/2013 to 19/09/2013 (09/11/1434 to 13/11/1434)

Hearing & Special Senses

CHAIR PERSON : Prof. Sultan Ayoub Meo

CO-CHAIR: Dr. Amro Al-Habib

Sunday 15 September 2013	Monday 16 September 2013	Tuesday 17 September 2013	Wednesday 18 September 2013	Thursday 19 September 2013
8:00-9:00am Nerve supply of the face (Cranial nerves V and VII) (Anatomy) Prof. Saeed Abumakarem	8:00 -10:00 am Small Group Learning (PBL) Case 2 Part 1	8:00-9:00am Physiology of the inner ear (Physiology) Prof. Sultan Meo	8:00 - 9:00 am Cranial nerves: II, III, IV, VI (Anatomy) Prof. Saeed Abumakarem	8:00 - 10:00 am Small Group Learning (PBL) Case 2 Part 2
9:00 – 10:00am Physiology of consciousness (Physiology) Dr. Taha		9:00 – 10:00am Cranial nerve VIII (Anatomy) Prof. Ahmed Fathalla	9:00 – 10:00am Physiology of taste and smell (Physiology) Prof. Sultan Meo	
10:00 – 11:00 am Anatomy of the Ear (Anatomy) Dr. Essam Salama	10:00 – 11:00 am Photo transduction in light and dark (Physiology) Dr. Abdulmajeed Aldrees	10:00 – 11:00 am Physiology of hearing (Physiology) Prof. Sultan Meo	10:00 - 11:00am Introduction to the cerebellum and VIII cranial nerve (Physiology) Prof. Sultan Ayoub Meo	10:00 - 11:00am Vitamin A (Biochemistry) Dr. Usman Ghani
11:00 ~ 12:00pm Vision, Accommodation & the light pathways and effects of lesions (Physiology) Dr. Abdulmajeed Aldrees	11:00 - 12:00pm Microbiology of middle ear infection (Microbiology) Dr. Ali Somily	11:00- 12:00pm Self-Directed Learning	11:00- 12:00pm Anatomy of the nose and olfactory nerve (Anatomy) Dr. Vohra	11:00- 12:00pm Physiology of color vision (Physiology) Dr. Abdulmajeed Aldrees
Lunch 12:00- 1:00 pm	Lunch 12:00- 1:00 pm	Lunch 12:00- 1:00 pm	Lunch 12:00- 1:00 pm	Lunch 12:00- 1:00 pm
1:00 ~ 3:00 Introduction to the course and overview about professionalism (Professionalism) Dr. Kamran Sattar	1:00 ~ 3:00 <u>Practical</u> Audiometry (Physiology)	1:00 -3:00 pm Salam	1:00 ~ 2:00 pm Self-Directed Learning	1:00 ~2:00pm Physiology of the eye & refraction (Physiology) Dr. Abdulmajeed Aldrees
			2:00 – 3:00pm Self-Directed Learning	2:00 – 3:00pm Self-Directed Learning

LECTURE THEATER B
Room No.236, Level 2

WEEK 4 – NERVOUS SYSTEM BLOCK (Male-Group B)

Week (4) Starting: 22/09/2013 to 26/09/2013 (16/11/1434 to 20/11/1434)

The Balance System

CHAIR PERSON : Prof. Sultan Ayoub Meo

CO-CHAIR: Dr. Amro Al-Habib

Sunday 22 September 2012	Monday 23 September 2012	Tuesday 24 September 2012	Wednesday 25 September 2012	Thursday 26 September 2013
<h1>National Holiday</h1>	<h1>National Holiday</h1>	8:00 – 9:00am Physiology of the cerebellum (Physiology) Prof. Sultan Ayoub Meo	8:00 - 9:00am Examination of sensory system (Introduction to Clinical Medicine) Group - B2	8:00 – 10:00am Small Group Learning (PBL) Case 3 Part 1*
		9:00 – 10:00am Physiology of the proprioceptors in balance (Physiology) Dr. Abdulrahman Alhawaikan	9:00 – 10:00am Motor system examination (Introduction to clinical medicine) Group - B1	
		10:00 -11:00 am Self-Directed Learning	10:00 -11:00 am Drugs related to balance system (Pharmacology) Dr. Osama	10:00 - 12:00pm <u>Practical</u> Color Vision, light and accommodation reflex (Physiology)
		11:00- 12:00pm Anatomy of the cerebellum and the relevant connections (Anatomy) Prof. Ahmed Fathalla	11:00- 12:00pm Pathways of proprioception (Physiology) Dr. Abdulrahman Alhawaikan	
		Lunch 12:00- 1:00 pm	Lunch 12:00- 1:00 pm	Lunch 12:00- 1:00 pm
		1:00 – 3:00pm Self-Directed Learning	1:00 - 2:00 pm Physiology of postural reflexes (Physiology) Dr. Abdulrahman Alhawaikan 2:00 – 3:00pm Self-Directed Learning	1:00 - 3:00 pm <u>Practical</u> Anatomy of cerebellum and V- XII cranial nerve (Anatomy)

LECTURE THEATER B

Room No.236, Level 2

*Because of National day, an email will be mailed to tutors and students about the discussion of this case

WEEK 5 – NERVOUS SYSTEM BLOCK (Male-Group B)

Week (5) Starting: 29/09/2013 to 03/10/2013 (23/11/1434 to 27/11/1434)

Cerebral Hemisphere & Blood Circulation

CHAIR PERSON : Prof. Sultan Ayoub Meo

CO-CHAIR: Dr. Amro Al-Habib

Sunday 29 September 2013 8:00 - 10:00 am	Monday 30 September 2013 8:00 - 10:00 am	Tuesday 01 October 2013 8:00-10:00am	Wednesday 02 October 2013 8:00 - 9:00am	Thursday 03 October 2013 8:00 - 10:00 am
MIDTERM EXAMINATION	Small Group Learning (PBL) Case 4 Part 1	Radiology and anatomy of the cerebral hemisphere (Anatomy & Radiology) All	Pathogenesis and risk factors of cerebrovascular accidents-I (Pathology) Dr.Hisham Al-Khalidi	Small Group Learning (PBL) Case 4 Part 2
			9:00 – 10:00am Pathogenesis and risk factors of cerebrovascular accidents-II (Pathology) Dr.Hisham Al-Khalidi	
10:00 - 11:00 am Cerebral blood circulation {arteries and veins} (Anatomy) Dr. Khaleel Al Yahiya	10:00- 12:00 pm Definition and key elements of professionalism. General concepts of professionalism (Professionalism) Prof. Samy Azer	10:00 - 11:00am Functions of the cerebral hemisphere (Physiology) Prof. Sultan Ayoub Meo	10:00 - 11:00 am Embryology of the cerebral hemisphere and cerebellum (Anatomy) Prof. Saeed Abumakarem	10:00 - 12:00am Motor system examination (Introduction to clinical medicine) Group – B2
11:00 - 12:00 pm Anatomy of the cerebral hemisphere (Anatomy) Dr. Essam Salama		11:00 - 12:00 pm Upper and lower neuron lesions (Physiology) Dr. Abdulrahman Alhawaikan	11:00 - 12:00 pm Autoregulation of cerebral blood flow (Physiology) Prof. Sultan Ayoub Meo	
Lunch 12:00- 1:00 pm	Lunch 12:00- 1:00 pm	Lunch 12:00- 1:00 pm	Lunch 12:00- 1:00 pm	Lunch 12:00- 1:00 pm
1:00 - 2:00 pm Feedback on Midterm lectures and examination Prof. Sultan Ayoub Meo	1:00 - 2:00pm Physiology of brain transmitters (Physiology) Dr. Taha	1:00 - 3:00 pm Salam	1:00 - 2:00 pm Physiology of speech (Physiology) Prof. Sultan Ayoub Meo	1:00 - 2:00pm Self-Directed Learning
2:00 – 3:00pm Self Directed Learning	2:00 – 3:00pm Pathogenesis of cerebral infarction at cellular and molecular levels (Biochemistry) Dr. Amr Moustafa		2:00 – 3:00pm Self Directed Learning	2:00 – 3:00pm Self Directed Learning

LECTURE THEATER B
Room No.236, Level

WEEK 6 – NERVOUS SYSTEM BLOCK (Male-Group B)

Week (6) Starting: 6/10/2013 to 10/10/2013 (1/12/1434 to 5/12/1434)

Neuropsychiatric Disorders and Basal Ganglia

CHAIR PERSON : Prof. Sultan Ayoub Meo

CO-CHAIR: Dr. Amro Al-Habib

Sunday 06 October 2013	Monday 07 October 2013	Tuesday 08 October 2013	Wednesday 09 October 2013	Thursday 10 October 2013
8:00 - 9:00am Anatomy of the limbic system and thalamus (Anatomy) Prof. Saeed Abumakarem	8:00 -10:00 am Small Group Learning (PBL) Case 5 Part 1	8:00 - 9:00am Radiology of cerebral hemisphere (Radiology) Prof. Ibrahim Al Orini	8:00 - 9:00am Self Directed Learning	Hajj Vacation
9:00 – 10:00am Spasticity and increased muscle tone (Physiology) Dr. Taha		9:00 – 10:00am Introduction to degenerative brain diseases (Pathology) Dr.Hisham Al-Khalidi	9:00 – 10:00am Drugs used in epilepsy-I (Pharmacology) Prof. Al Humayyd	
10:00 - 11:00 am Anatomy of the basal ganglia and connections (Anatomy) Prof. Ahmed Fathalla	10:00 - 11:00am Introduction to neuropsychiatric disorders (Psychiatry) Dr. Bazaid	10:00 - 11:00am Self Directed Learning	10:00 - 11:00 am Depression (Psychiatry) Dr. Al Jarad	
11:00 - 12:00 pm Physiology of basal ganglia and regulatory mechanisms (Physiology) Prof. Sultan Ayoub Meo	11:00 - 12:00 pm Pain modulation (Physiology) Dr. Abdulrahman Alhowaikan	11:00- 12:00pm Drugs used in anxiety and panic disorders (Pharmacology) Dr. Osama	11:00- 12:00pm Biochemical aspects of Alzheimer (Biochemistry) Dr. Amr Moustafa	
Lunch 12:00- 1:00 pm	Lunch 12:00- 1:00 pm	Lunch 12:00- 1:00 pm	Lunch 12:00- 1:00 pm	
1:00 - 3:00 pm Clinical examination of cranial nerves (Introduction to Clinical Medicine) Group B- 1	1:00 -3:00pm Accountability and professional responsibilities (Professionalism) Prof. Sami Azer	1:00 - 3:00 pm Salam	1:00 - 2:00 pm Drugs used in parkinsonism (Pharmacology) Dr. Osama	
			2:00 – 3:00pm Self Directed Learning	

LECTURE THEATER B
Room No.236, Level 2

Week 7: 10/10/2013 to 20/10/2013 – Hajj Vacation

WEEK 8 – NERVOUS SYSTEM BLOCK (Male-Group B)

Week (8) Starting: 20/10/2013 to 24/10/2013 (15/12/1434 to 19/12/1434)

Cerebrospinal Circulation and CNS Infections

CHAIR PERSON : Prof. Sultan Ayoub Meo

CO-CHAIR: Dr. Amro Al-Habib

Sunday 20 October 2013	Monday 21 October 2013	Tuesday 22 October 2013	Wednesday 23 October 2013	Thursday 24 October 2013
Hajj Vacation	8:00 - 9:00 am Self-Directed Learning	8:00 –10:00 am Initiative, integrity and trustworthiness (Professionalism) Dr. Shaik Mujeeb	8:00-9:00am Schizophrenia (Psychiatry) Dr. Al Osaimi	8:00-9:00am Fungal infections of the CNS (Microbiology) Dr. Ahmed Al Barrag
	9:00 - 10:00 am Drugs used in depression- old groups (Pharmacology) Prof. Al Haider		9:00 – 10:00am Microbiology of acute pyogenic meningitis (Microbiology) Dr. Ali Somily	9:00 – 10:00am Drugs used in schizophrenia (Pharmacology) Prof. Al Motrefi
	10:00 - 11:00am Drugs used in epilepsy- II (Pharmacology) Prof. Al Humayyd	10:00 - 11:00am Anatomy of the meninges, CNS cavities, and CSF circulation (Anatomy) Dr. Essam Salama	10:00 - 11:00am Vitamin B6 and B12 (Biochemistry) Dr. Amr Moustafa	10:00 - 11:00am Drugs used in depression- new groups (Pharmacology) Prof. Al Haider
	11:00- 12:00pm Self Directed Learning	11:00 - 12:00 pm Drugs used in management of pain (Pharmacology) Dr. Osama	11:00- 12:00pm Ageing and changes in the brain (Physiology) Dr. Abdulrahman Alhowaikhan	11:00- 12:00pm Viral infections of the CNS (Microbiology) Dr. A. K Al Hetheel
	Lunch 12:00- 1:00 pm	Lunch 12:00- 1:00 pm	Lunch 12:00- 1:00 pm	Lunch 12:00- 1:00 pm
	Clinical examination of cranial nerves (Introduction to Clinical Medicine)	1:00 - 2:00 pm Self Directed Learning	1:00 - 2:00 pm Self Directed Learning	1:00 - 2:00 pm Self Directed Learning
	Group - B2	2:00 – 3:00pm Self Directed Learning	2:00 – 3:00pm Self Directed Learning	2:00 – 3:00pm Self Directed Learning

LECTURE THEATER B Room No.236, Level 2

KING SAUD UNIVERSITY
COLLEGE OF MEDICINE

WEEK – 9 NERVOUS SYSTEM BLOCK (Male-Group B)

Week (9) Starting: 27/10/2013 to 31/10/2013 (22/12/1434 to 26/12/1434)

Aging and Trauma of the Nervous System

CHAIR PERSON : Prof. Sultan Ayoub Meo

CO-CHAIR: Dr. Amro Al-Habib

Sunday 27 October 2013	Monday 28 October 2013	Tuesday 29 October 2013	Wednesday 30 October 2013	Thursday 31 October 2013
8:00 - 9:00am Congenital malformations and Hydrocephalus (Pathology) Dr.Hisham Al-Khalidi	8:00 - 9:00am Cerebral malaria (Microbiology) Prof. Adeel	8:00 - 10:00am <u>Integrated Practical</u> Biochemical and microbiological aspects of CSF (Biochemistry & Microbiology) All Staff	8:00 - 9:00 am Self Directed Learning	8:00 - 9:00am Self Directed Learning
9:00 – 10:00am Pathology of meningitis and its complications (Pathology) Dr.Hisham Al-Khalidi	9:00 – 10:00am Drugs used in meningitis (Pharmacology) Prof. Al Humayyd		9:00 – 10:00am Self Directed Learning	9:00 – 10:00am Self Directed Learning
10:00 - 11:00 am Head Trauma (Neurosurgery) Dr. Amro Al-Habib	10:00 – 12:00pm <u>Practical</u> Neuropathology II (Pathology) Dr. Marie Mukhashin/ Dr. Hisham Al-Khalidi	10:00 - 11:00 am Drugs used in headache and migraine (Pharmacology) Dr. Ishfaq Bukhari	10:00 - 11:00 am Self Directed Learning	10:00 - 11:00 am Self Directed Learning
11:00 - 12:00 pm Cerebral TB and other chronic cerebral infections (Microbiology) Prof. Kambal		11:00 - 12:00 pm Self Directed Learning	11:00 - 12:00 pm Self Directed Learning	11:00 - 12:00 pm Self Directed Learning
Lunch 12:00- 1:00 pm	Lunch 12:00- 1:00 pm	Lunch 12:00- 1:00 pm	Lunch 12:00- 1:00 pm	Lunch 12:00- 1:00 pm
1:00 - 2:00 pm Biochemical aspects of CSF (Biochemistry) Dr. Amr Moustafa	1:00 - 2:00 pm Alcohol and the brain (Pharmacology) Dr. Bokhari	1:00 - 3:00 pm Salam	1:00 - 2:00 pm Self Directed Learning	1:00 - 2:00 pm Self Directed Learning
2:00 – 3:00pm Self Directed Learning	2:00 – 3:00pm Self Directed Learning		2:00 – 3:00pm Self Directed Learning	2:00 – 3:00pm Self Directed Learning

LECTURE THEATER B Room No.236, Level 2