

1 – NERVOUS SYSTEM BLOCK (Male-Group A)

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  <b>Student activity</b>	8:00 - 10:00 am <b>Clinical Skills</b> Dermatomes and myotomes surface anatomy (Group A1) (Anatomy)	8:00 - 10:00 am  Examination of sensory system  (Introduction to Clinical Medicine) Group A1	8:00 - 9:00am Median and ulnar nerves (Anatomy) Dr. Vohra	8:00 - 9:00 am Sacral plexus, sciatic nerve and femoral nerve (Anatomy) Prof. Saeed Abumakarem
	9:00 - 10:00 am <b>Clinical Skills</b> Dermatomes and myotomes surface anatomy (Group A2) (Anatomy)		9:00 - 11:00am  <b>Practical</b>  Spinal cord	9:00 - 10:00am  Practical  Skull (Anatomy) All Staff
10:00 - 11:00am Organization of the CNS (Anatomy) Prof. Saeed Abumakarem	10:00 - 11:00am  <b>Student activity</b>	10:00 - 11:00am Physiology of the parasympathetic NS (Physiology) Prof. Sultan Ayoub Meo	(Histology) All	10:00 - 11:00 am Pharmacology of neurotransmitters (Pharmacology) Prof. Al Haider
11:00- 12:00 pm Anatomy of the spinal cord (Anatomy) Dr. Khaleel Al Yahiya	11:00- 12:00 pm Spinal cord Functions & reflexes (Physiology) Dr. Taha	11:00 - 12:00 pm Physiology of motor tracts (Physiology) Dr. Taha	11:00 - 12:00 pm Stretch reflex & tendon jerks (Physiology)  Dr. Taha	11:00 - 12:00pm Physiology of pain  (Physiology) Dr. Abdulrahman Alhowaikan
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  <b>Student activity</b>	1:00 -2:00pm Normal cells of the CNS (Histology) Dr. Ali Mohammad	1:00 - 2:00 pm Sensory tracts (Anatomy)  Dr. Essam Salama	1:00 - 2:00pm Embryological development of the spinal cord and vertebral column (Anatomy) Prof. Ahmed Fathalla	1:00 - 2:00pm Self-Directed Learning
	2:00 - 3:00pm Physiology of sympathetic nervous system (Physiology) Prof. Sultan Ayoub Meo	2:00 - 3:00pm Physiology of synapses and receptors (Physiology) Dr. Taha	2:00 - 3:00pm Brachial plexus and radial nerve (Anatomy)  Dr. Vohra	2:00 - 3:00pm Self-Directed Learning

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

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 Anatomy of brainstem (Anatomy) Prof. Ahmed Fathalla	8:00-10:00 am Small Group Learning (PBL)	8:00-9:00am Pathology of brain tumors –I (Pathology) Dr.Hisham Al-Khalidi	8:00 - 9:00am Pathology of brain tumors –II (Pathology) Dr.Hisham Al-Khalidi	8:00 -10:00 am Small Group Learning (PBL)
9:00 - 10:00 am Physiology of the brainstem (Physiology) Dr. Taha	Case 1 Part 1	9:00 - 10:00 am Biochemistry of myelin (Biochemistry) Dr. Amr Moustafa	9:00 - 10:00 am Radiology of brain stem and cerebellum (Radiology) Dr. Hamdy Hassan	Case 1 Part 2
10:00 - 11:00am Anatomy of CN IX & X (Anatomy) Dr. Essam Salama	10:00 -11:00am Physiology of sleep (Physiology) Dr. Taha	10:00 - 11:00am Anatomy of CN XI & XII (Anatomy) Dr. Essam Salama	10:00 - 12:00pm Examination of sensory system  (Introduction to Clinical Medicine) Group A2	10:00 - 11:00 am <u>Practical</u> Neuropathology I (Pathology) Dr. Marie Mukhashin/ Dr. Hisham Al-Khalidi
11:00- 12:00 pm Pathology and pathogenesis of multiple sclerosis (Pathology) Dr.Hisham Al-Khalidi	11:00 - 12:00 pm Spinal cord (Radiology) Dr. Taja Al Dean	11:00 - 12:00 pm Cellular injury of Nervous System (Pathology) Dr.Hisham Al-Khalidi		11:00 – 12:00pm 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 - 3:00 pm  <u>Practical</u>  Brainstem & CNs  (Anatomy) All	1:00 -3:00pm  <u>Practical</u>  EMG/nerve conduction  (Physiology)	1:00 - 3:00 pm  <b>Salam</b>	1:00 - 2:00 pm Self-directed Learning  2:00 – 3:00 Self-directed Learning	1:00 -3:00  <u>Practical</u>  brachial plexus and lumbosacral Plexus  (Anatomy) All

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

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

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

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 Pathways of proprioception (Physiology) <b>Dr. Abdulrahman Alhawaikan</b>	8:00 ~ 9:00am Drugs related to balance system  (Pharmacology) <b>Dr. Osama</b>	Small Group Learning (PBL)  Case 3 Part 1*
		9:00 ~ 10:00 Anatomy of the cerebellum and the relevant connections (Anatomy) <b>Prof. Ahmed Fathalla</b>	9:00 ~ 10:00am Physiology of the cerebellum (Physiology) <b>Prof. Sultan Ayoub Meo</b>	
		10:00 ~ 11:00 am Introduction to the cerebellum and VIII cranial nerve (Physiology) <b>Prof. Sultan Ayoub Meo</b>	10:00 ~ 11:00am <b>Practical</b> Anatomy of cerebellum and V- XII cranial nerve (Anatomy)  All	10:00 ~ 11:00am Physiology of postural reflexes (Physiology)  <b>Dr. Abdulrahman Alhawaikan</b>
		11:00~ 12:00pm  Self Directed Learning	11:00~ 12:00pm <b>Practical</b>  Color Vision, light and accommodation reflex (Physiology)	11:00~ 12:00pm Physiology of the proprioceptors in Balance (Physiology) <b>Dr. Abdulrahman Alhawaikan</b>
		Lunch 12:00- 1:00 pm	Lunch 12:00- 1:00 pm	Lunch 12:00- 1:00 pm
		1:00 ~ 3:00pm  SALAM	1:00 ~ 3:00 pm  Self Directed Learning	1:00 ~ 3:00 pm Clinical examination of cranial nerves  (Introduction to clinical medicine)  Group A2

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\*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 A)

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	Monday 30 September 2013	Tuesday 01 October 2013	Wednesday 02 October 2013	Thursday 03 October 2013
8:00 – 10:00 am	8:00 - 10:00 am	8:00-9:00am	8:00 - 9:00am	8:00 - 10:00 am
<b>MIDTERM EXAM</b>	Small Group Learning (PBL)  Case 4 Part 1	Functions of the cerebral hemisphere (Physiology) Prof. Sultan Ayoub Meo	Upper and lower neuron lesions (Physiology) Dr. Abdulrahman Alhowaikan	Small Group Learning (PBL)  Case 4 Part 2
		9:00 – 11:00am	9:00 – 10:00am	
		Definition and key elements of professionalism. General concepts of professionalism  (Professionalism) Prof. Azer	Radiology of cerebral hemisphere (Radiology) Prof. Ibrahim Al Orini	
10:00 - 11:00am	10:00- 11:00 am		10:00 - 11:00am	10:00 - 11:00am
Anatomy of the cerebral hemispheres (Anatomy) Dr. Essam Salama	Embryology of the cerebral hemisphere and cerebellum (Anatomy) Prof. Saeed Abumakarem		Autoregulation of cerebral blood flow (Physiology) Prof. Sultan Ayoub Meo	Physiology of speech (Physiology) Prof. Sultan Ayoub Meo
11:00- 12:00 pm	11:00- 12:00 pm	11:00-12:00 pm	11:00-12:00 pm	11:00- 12:00 pm
Feedback on Midterm lectures and examination  Prof. Sultan Ayoub Meo	Physiology of brain transmitters (Physiology) Dr. Taha	Pathogenesis and risk factors of cerebrovascular accidents-II (Pathology) Dr.Hisham Al-Khalidi	Pathogenesis and risk factors of cerebrovascular accidents-I (Pathology) Dr.Hisham Al-Khalidi	Spasticity and increased muscle tone (Physiology) Dr. Taha
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 pm	1:00 -2:00pm	1:00 - 3:00 pm	1:00 - 3:00 pm	1:00 -2:00pm
<b>Practical</b>  Radiology and anatomy of the cerebral hemisphere  (Anatomy& Radiology) All	Pathogenesis of cerebral infarction at cellular and molecular levels (Biochemistry) Dr. Amr Moustafa	<b>Salam</b>	Clinical examination of cranial nerves  (Introduction to clinical medicine)  Group A1	Self-Directed Learning
	2:00 – 3:00pm Cerebral blood circulation {arteries and veins} (Anatomy) Dr. Khaleel Al Yahiya			2:00 – 3:00pm  Self-Directed Learning

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

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 – 9:00 am  Self-Directed Learning	8:00 ~ 10:00 am  Small Group Learning (PBL)  Case 5 Part 1	8:00 ~ 9:00am Drugs used in anxiety and panic disorders (Pharmacology)  Dr. Osama	8:00 ~ 9:00am Drugs used in management of pain (Pharmacology) Dr. Osama	Hajj Vacation
9:00 – 10:00am Anatomy of the basal ganglia and connections (Anatomy) Prof. Ahmed Fathalla		9:00 – 10:00am  Self-Directed Learning	9:00 – 10:00am  Self Directed Learning	
10:00 ~ 11:00am  Self-Directed Learning	10:00~ 11:00 am  Pain modulation (Physiology) Dr. Abdulrahman Alhowaikan	10:00 ~ 11:00am Introduction to degenerative brain disease (Pathology) Dr.Hisham Al-Khalidi	10:00 ~ 11:00 am  Drugs used in epilepsy-I (Pharmacology) Prof. Humayyd	
11:00 ~ 12:00 pm Anatomy of the limbic system and thalamus (Anatomy) Prof. Saeed Abumakarem	11:00~ 12:00pm  Biochemical aspect of Alzheimer (Biochemistry) Dr. Amr Moustafa	11:00~ 12:00pm  Depression (Psychiatry) Dr. Al Jarad	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	
1:00 ~ 2:00 pm Physiology of basal ganglia and regulatory mechanisms (Physiology) Prof. Sultan Ayoub Meo	1:00 ~2:00pm Introduction to neuropsychiatric disorders (Psychiatry) Dr. Bazaid	1:00 ~ 3:00 pm  Salam	1:00 ~ 3:00 pm  Accountability and professional responsibilities (Professionalism) Prof. Samy Azer	
2:00 – 3:00pm  Self-Directed Learning	2:00 – 3:00pm  Self-Directed Learning			

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

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

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 - 9:00 am Anatomy of the meninges, CNS cavities, and CSF circulation (Anatomy) Dr. Essam Salama	8:00 - 9:00 am Viral infections of the CNS (Microbiology) Dr. A.K. Al Hetheel	8:00 - 9:00 am  Self-Directed Learning
	9:00 - 10:00 am  Self-Directed Learning	9:00 - 10:00 am Schizophrenia (Psychiatry) Dr. Al Osaimi	9:00 - 10:00 am Fungal infections of the CNS (Microbiology) Dr. Ahmed Al Barrag	9:00 - 10:00 am Drugs used in depression- new groups (Pharmacology) Prof. Al Haider
	10:00 - 11:00am Drugs used in depression- old groups (Pharmacology) Prof. Al Haider	10:00 - 11:00am Congenital malformations and hydrocephalus (Pathology) Dr.Hisham Al-Khalidi	10:00- 11:00 am Microbiology of acute pyogenic meningitis (Microbiology) Dr. Ali Somily	10:00 - 12:00am <u>Practical</u> Neuropathology II (Pathology) Dr. Marie Mukhashin/ Dr. Hisham Al-Khalidi
	11:00- 12:00pm Drugs used in epilepsy-II (Pharmacology) Prof. Humayyd	11:00 - 12:00 pm Drugs used in schizophrenia (Pharmacology) Prof. Al Motrefi	11:00 - 12:00 pm Pathology of meningitis and its complications (Pathology) Dr.Hisham Al-Khalidi	
	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 -2:00pm Drugs used in parkinsonism (Pharmacology) Dr. Osama	1:00 - 3:00 pm  Salam	1:00 -2:00pm  Self-Directed Learning	1:00 - 3:00 pm  Initiative, integrity and trustworthiness  (Professionalism) Dr. Shaikh Mujeeb
	2:00 - 3:00pm Self-Directed Learning		2:00 - 3:00pm  Self-Directed Learning	

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

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  Vitamin B6 and B12 (Biochemistry) Dr. Amr Moustafa	8:00 - 10:00 am  <u>Integrated Practical</u> Biochemical and microbiological aspects of CSF  (Biochemistry & Microbiology) All Staff	8:00 - 9:00am  Self-Directed Learning	8:00 - 9:00am  Self-Directed Learning	8:00 - 9:00am  Self-Directed Learning
9:00 – 10:00am Biochemical aspects of CSF (Biochemistry) Dr. Amr Moustafa		9:00 – 10:00am  Self-Directed Learning	9:00 – 10:00am  Self-Directed Learning	9:00 – 10:00am  Self-Directed Learning
10:00 - 11:00 am  Cerebral TB and other chronic cerebral infections (Microbiology) Prof. Kambal	10:00 - 11:00am  Drugs used in meningitis (Pharmacology) Prof. Al Humayyd	10:00 - 11:00 am  Self-Directed Learning	10:00 - 11:00 am  Self-Directed Learning	10:00 - 11:00 am  Self-Directed Learning
11:00 - 12:00 pm  Cerebral malaria (Microbiology)  Prof. Adeel	11:00 - 12:00 pm  Ageing and changes in the brain (Physiology) Dr. Abdulrahman Alhowaikan	11:00 - 12:00 pm  Drugs used in headache and migraine (Pharmacology) Dr. Ishfaq Bukhari	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  Alcohol and the brain (Pharmacology) Dr. Bokhari	1:00 -2:00pm  Head Trauma (Neurosurgery) Dr. Amro Al-Habib	1:00 -3:00pm  Salam	1:00 -2:00pm  Self-Directed Learning	1:00 -2:00pm  Self-Directed Learning
2:00 – 3:00pm  Self-Directed Learning	2:00 – 3:00pm  Self-Directed Learning		2:00 – 3:00pm  Self-Directed Learning	2:00 – 3:00pm  Self-Directed Learning

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