

KING SAUD UNIVERSITY  
COLLEGE OF MEDICINE

**WEEK 1 – NERVOUS SYSTEM BLOCK (Female Group)**

Week (1) Starting: 10/9/2011 (12/10/1432H)

**ANS, Spinal Cord & Peripheral Nerves**

CHAIR PERSON: Prof. Sultan Ayoub Meo

CO-CHAIR: Dr. Omar Al-Habib

Saturday 10 September 2011	Sunday 11 September 2011	Monday 12 September 2011	Tuesday 13 September 2011	Wednesday 14 September 2011
8:00 - 10:00 am  <b>NO LECTURE</b>  <b>General Orientation</b>	8:00-9:00am Anatomy and physiology of the sympathetic nervous system (Physiology) <b>Dr. Fawzia Al Roug</b>	8:00 - 10:00 am <b>Practical</b> Dermatomes, myotomes and surface anatomy (Anatomy)  <b>All</b>	8:00 - 9:00 am Embryological development of the spinal cord and vertebral column (Anatomy)  <b>Dr. Zeenat</b>	8:00 - 9:00 am Sacral plexus and sciatic nerve and femoral nerve (Anatomy) <b>Dr. Jamilah</b>
	9:00– 10:00am Anatomy of the spinal cord (Anatomy) <b>Dr. Zeenat</b>		9:00 - 10:00 am Physiology of motor tracts (Physiology)  <b>Dr. Faten Zakaria</b>	9:00 - 10:00 am Stretch reflex & Tendon jerks (Physiology)  <b>Dr. Faten Zakaria</b>
10:00 - 11:00am Physiology of synapses and receptors (Physiology) <b>Dr. Eman Al Eter</b>	10:00 - 11:00am Spinal cord Functions & reflexes (Physiology) <b>Dr. Faten Zakaria</b>	10:00 - 11:00am Brachial plexus and radial nerve (Anatomy) <b>Dr. Sanaa</b>	10:00 - 11:00pm Pharmacology of central neurotransmitter (Pharmacology) <b>Prof. Azah</b>	10:00 - 12:00pm Spinal cord  (Radiology) <b>Dr. Taja AL Dean</b>
11:00- 12:00 pm Organization of the CNS (Anatomy) <b>Dr. Sanaa</b>	11:00 - 12:00pm Sensory tracts (Anatomy)  <b>Dr. Jamilah</b>	11:00 - 12:00pm Anatomy and physiology of parasympathetic NS (Physiology) <b>Dr. Fawzia Al Roug</b>	11:00 - 12:00pm Median and ulnar nerves (Anatomy) <b>Dr. Sanaa</b>	11:00 - 12:00pm Physiology of pain  (Physiology) <b>Dr. Hayam Gad</b>
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  <b>Orientation Lecture</b>  <b>[ Lecture Hall 4 ]</b>	1:00 - 3:00pm  Small Group Learning(PBL) Case 1 Part 1	1:00 - 3:00 pm <b>Practical</b> spinal cord (Histology)  <b>All</b>	1:00 - 3:00 pm  Self-Directed Learning	1:00 -3:00pm  Small Group Learning(PBL) Case 1 Part 2

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WEEK 2 – NERVOUS SYSTEM BLOCK (Female Group)

Week (2) Starting: 17/09 /2011 (19 /10/1432 H)

**Brainstem & Related Cranial Nerves**

CHAIR PERSON : Prof. Sultan Ayoub Meo

CO-CHAIR: Dr. Omar Al-Habib

Saturday 17 September 2011	Sunday 18 September 2011	Monday 19 September 2011	Tuesday 20 September 2011	Wednesday 21 September 2011
8:00 -9:00 am  Anatomy of brainstem (Anatomy) Dr. Zeenat	8:00-10:00am <u>Practical</u> brainstem & CNs (Anatomy) All	8:00 - 9:00 am Becoming a student in a PBL tutorial Prof. Azer	8:00 -10:00 am  Examination of sensory system (Introduction to Clinical Medicine) Group F1	8:00 - 9:00 am Radiology of brain stem and cerebellum (Radiology) Dr. Hamdy Hassan
9:00 - 10:00 am Internal structures of the brainstem (Anatomy) Dr. Sanaa		9:00 - 10:00 am Anatomy of CN 11 & 12 (Anatomy)  Dr. Zeenat		9:00 - 10:00 am Pathology and pathogenesis of multiple sclerosis (Pathology)  Dr. Hala Kfoury
10:00 - 12:00 pm  <u>Practical</u> EMG/nerve conduction (Physiology)	10:00 - 12:00pm Normal cells of the CNS (Anatomy)  Dr. Raeesa	10:00 - 11:00am Self-Directed Learning	10:00 - 11:00pm Biochemistry of myelin (Biochemistry) Dr. Reem Sallam	10:00 - 12:00 pm  <u>Practical</u> Neuropathology I (Pathology) Dr.Shaesta/Dr. Hala
	11:00- 12:00 pm Physiology of the brainstem (Physiology)  Dr. Hayam Gad	11:00 - 12:00 pm Pathology of brain tumors –I (Pathology) Dr.Hala Kfoury	11:00- 12:00 pm Pathology of brain tumors –II (Pathology) Dr.Hala Kfoury	
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 Anatomy of CN 9&10 (Anatomy) Dr. Jamilah	1:00 -3:00pm  Small Group Learning (PBL) Case 1 Part 1	1:00 - 3:00 pm  Salam	1:00 - 3:00 pm <u>Practical</u> brachial plexus and lumbosacral Plexus (Anatomy) All	1:00 -3:00pm  Small Group Learning (PBL) Case 1 Part 2

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WEEK 3 – NERVOUS SYSTEM BLOCK (Female Group)

Week (3) Starting: 24/09 /2011 (26 /10/1432 H)

Hearing & Special Senses

CHAIR PERSON : Prof. Sultan Ayoub Meo

CO-CHAIR: Dr. Omar Al-Habib

National Holiday

Saturday 24 September 2011	Sunday 25 September 2011	Monday 26 September 2011	Tuesday 27 September 2011	Wednesday 28 September 2011
National Holiday	8:00 - 9:00 am Anatomy of the ear (Anatomy) Dr. Jamillah	8:00 - 10:00am  <u>Practical</u> Audiometry (Physiology)  Dr. Maha Al Enazy	8:00 - 10:00am  Examination of sensory system (Introduction to Clinical Medicine)  Group F2	8:00 - 9:00 am Nerve supply of the face (Cranial nerves 5 and 7) (Anatomy) Dr. Sanaa
	9:00 – 10:00 am Physiology of hearing (Physiology)  Dr. Lila Al Ayadi			9:00 - 10:00 am Photo traneduction in Light & the Dark (Physiology) Dr. Faten Zakaria
	10:00 - 11:00am Introduction to the course and overview about professionalism (Professionalism) Prof. Hanan Habib	10:00 – 11:00 am Physiology of the eye & refraction  (Physiology) Dr. Faten Zakaria	10:00 - 11:00 am Vision, Accommodation & Papillary pathway and effects of lesions (Physiology)  Dr. Faten Zakaria	10:00 - 11:00am Cranial nerves: 2, 3, 4, 6 (Anatomy) Dr. Sanaa
	11:00- 12:00pm Microbiology of middle ear infection (Microbiology) Prof. Hanan Habib	11:00- 12:00pm Cranial nerve 8 (Anatomy) Dr. Zeenat	11:00- 12:00pm Physiology of color vision (Physiology) Dr. Faten Zakaria	11:00- 12:00pm Vitamin A (Biochemistry) Dr. Sumbul
	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  Small Group Learning (PBL) Case 3 Part 1	1:00 -3:00 pm  Salam	1:00 -3:00 pm <u>Practical</u>  Color Vision, light and accommodation reflex (Physiology) Dr. Maha Al Enazy	1:00 -3:00pm  Small Group Learning (PBL) Case 3 Part 2

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**WEEK 4 – NERVOUS SYSTEM BLOCK (Female Group)**

Week (4) Starting: 01/10/2011 (3/11/1432 H)

**The Balance System**

CHAIR PERSON : Prof. Sultan Ayoub Meo

CO-CHAIR: Dr. Omar Al-Habib

Saturday 01 October 2011	Sunday 02 October 2011	Monday 03 October 2011	Tuesday 04 October 2011	Wednesday 05 October 2011
8:00 – 9:00 am  Self Directed Learning	8:00 - 9:00am Pathways of proprioception  (Physiology)  Dr. Fawzia Al Roug	8:00 - 9:00 am  Self Directed Learning	8:00 - 9:00am Self Directed Learning	8:00 - 9:00 am Drugs affecting the balance system (Pharmacology) Prof. Omnia
9:00 - 10:00 am Anatomy of the nose and olfactory nerve (Anatomy) Dr. Jamilah	9:00 – 10:00 am Introduction to the balance system (Neurology)  Prof. Abdulrhaman Al Tahan	9:00 – 10:00am Anatomy of the cerebellum and the relevant connections (Anatomy) Dr. Sanaa	9:00 – 10:00am Physiology of the cerebellum  (Physiology) Dr. Aida Korish	9:00 - 10:00 am Physiology of sleep  (Physiology) Dr. Eman Al Eter
10:00 - 11:00am  Self Directed Learning	10:00 - 11:00am Physiology of the proprioceptors in Balance (Physiology) Dr. Faten Zakaria	10:00 - 11:00am Physiology of the inner ear (Physiology) Dr. Faten Zakaria	10:00 -11:00 am  Self Directed Learning	10:00 - 11:00am  Self Directed Learning
11:00- 12:00pm Physiology of taste and smell (Physiology)  Dr. Lila Al Ayadi	11:00- 12:00pm  Self Directed Learning	11:00- 12:00pm Introduction to the cerebellum (Physiology) Dr. Aida Korish	11:00- 12:00pm Physiology of postural reflexes (Physiology)  Dr. Faten Zakaria	11:00- 12:00pm  Epilepsy (Neurology) Prof. Saad Al Rajeh
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 Motor examination  (Introduction to Clinical Medicine) Group F- 1	1:00 -3:00pm Definition and key elements of professionalism. General concepts of professionalism (Professionalism)  Prof. Hanan Habib	1:00 - 3:00 pm  Salam	1:00 - 3:00 pm Self-Directed Learning	1:00 -3:00pm <u>Practical</u> of cerebellum and 8 <sup>th</sup> cranial nerve  (Anatomy) Ali

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WEEK 5 – NERVOUS SYSTEM BLOCK (Female Group)

Week (5) Starting: 08/10/2011 (10/11/1432 H)

## Cerebral Hemisphere & Blood Circulation

CHAIR PERSON : Prof. Sultan Ayoub Meo

CO-CHAIR: Dr. Omar Al-Habib

Saturday 08 October 2011	Sunday 09 October 2011	Monday 10 October 2011	Tuesday 11 October 2011	Wednesday 12 October 2011
8:00 – 9:00 am Anatomy of the cerebral hemispheres (Anatomy)  Dr. Zeenat	8:00 - 9:00am Physiology of speech (Physiology)  Dr. Lila Al Ayadi	8:00 - 9:00am Pathogenesis and risk factors of cerebrovascular accidents II (Pathology) Dr.Hala Kfoury	8:00 -10:00am  Motor examination  (Introduction to Clinical Medicine) Group F-2	8:00 - 9:00 am Drugs used in epilepsy-I (Pharmacology)  Prof. Azah
9:00 – 10:00 am Functions of the cerebral hemisphere (Physiology) Dr. Faten Zakaria	9:00 – 10:00 am Understanding the physiological basis of speech disorders (Neurology) Dr. Fawaz Al Hussain	9:00 – 10:00am Pathogenesis of cerebral infarction at cellular and molecular levels  (Biochemistry) Dr. Reem Sallam		9:00 - 10:00 am  Drugs used in epilepsy-II  (Pharmacology) Prof. Azah
10:00 - 11:00am Cerebral blood circulation {arteries and veins} (Anatomy) Dr. Jamilah	10:00 - 11:00am  Self-directed learning	10:00 - 11:00am Autoregulation of cerebral blood flow  (Physiology) Dr. Eman Al Eter	10:00 - 11:00 am Embryology of cerebral hemisphere and cerebellum  (Anatomy) Dr. Zeenat	10:00 - 11:00am Radiology of cerebral hemisphere (Radiology)  Prof. Al Orini
11:00 - 12:00am Physiology of brain transmitters (Physiology) Dr. Eman Al Eter	11:00 - 12:00am Pathogenesis and risk factors of cerebrovascular accidents I (Pathology) Dr.Hala Kfoury	11:00- 12:00pm  Upper and lower neuron lesions (Physiology) Dr. Hayam Gad	11:00 - 12:00am Spasticity and increased muscle tone (Physiology) Dr. Faten Zakaria	11:00 - 12:00am Physiology of consciousness (Physiology) Dr. Eman Al Eter
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  Self-directed learning	1:00 -3:00pm  Small Group Learning (PBL) Case 4 Part 1	1:00 - 3:00 pm  Salam	1:00 - 3:00 pm <u>Practical</u> Radiology and Anatomy of cerebral hemisphere  (Anatomy & Radiology) All	1:00 -3:00pm  Small Group Learning (PBL) Case 4

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**WEEK 6 – NERVOUS SYSTEM BLOCK (Female Group)**

Week (6) Starting: 15/10/2011 (17/11/1432 H)

**Neuropsychiatric Disorders and Basal Ganglia**

CHAIR PERSON : Prof. Sultan Ayoub Meo

CO-CHAIR: Dr. Omar Al-Habib

Saturday 15 October 2011	Sunday 16 October 2011	Monday 17 October 2011	Tuesday 18 October 2011	Wednesday 19 October 2011
8:00 – 10:00 am  Mid Exam	8:00 - 9:00am Anatomy of the limbic system and thalamus (Anatomy) Dr. Zeenat	8:00 - 9:00am Introduction to degenerative brain diseases (Pathology) Dr.Hala Kfoury	8:00 -10:00am  Clinical examination of cranial nerves	8:00 – 9:00 am Self Directed Learning
	9:00 – 10:00 am  Drugs used in anxiety and panic disorders (Pharmacology) Prof. Hana Hagar	9:00 – 10:00am Biochemical aspects of Alzheimer Dr. Sumbul	(Introduction to Clinical Medicine) Group F-1	9:00 – 10:00am  Drugs used in schizophrenia (Pharmacology)  Prof. Azah
10:00 - 11:00am Anatomy of the basal ganglia and connections (Anatomy) Dr. Zeenat	10:00 - 12:00am Introduction to neuropsychiatric disorders  (Psychiatry) Dr. Eman	10:00 - 11:00am Pain modulation  (Physiology) Dr. Hayam Gad	10:00 - 11:00 am Drugs used in management of pain (Pharmacology)  Prof. Omnia	10:00 - 12:00am Depression  (Psychiatry) Dr. Jawaher
11:00 - 12:00am Physiology of basal ganglia and regulatory mechanisms  (Physiology) Dr. Fawzia Al Roug	11:00- 12:00pm Self Directed Learning	11:00- 12:00pm Schizophrenia (Psychiatry) Prof. Fatmah	11:00 - 12:00am  Drugs used in headache and migraine (Pharmacology) Prof. Omnia	11:00 - 12:00am  Drugs used in parkinsonism (Pharmacology) Prof. Hanan Hagar
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  Accountability and professional responsibilities (Professionalism) Prof. Hanan	1:00 -3:00pm  Small Group Learning(PBL) Case 5 Part 1	1:00 - 2:00 pm  Salam	1:00 - 2:00 pm  Feedback in midterm exam	1:00 -3:00pm  Small Group Learning(PBL) Case 5 Part 2
			2:00 – 3:00pm Self Directed Learning	

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WEEK 7 – NERVOUS SYSTEM BLOCK (Female Group)

Week (7) Starting: 22/10/2011 (24/11/1432 H)

Cerebrospinal Circulation and CNS Infections

CHAIR PERSON : Prof. Sultan Ayoub Meo

CO-CHAIR: Dr. Omar Al-Habib

Saturday 22 October 2011	Sunday 23 October 2011	Monday 24 October 2011	Tuesday 25 October 2011	Wednesday 26 October 2011
8:00 – 9:00 am Anatomy of the meninges, CNS cavities, and CSF circulation (Anatomy) Dr. Sanaa	8:00 - 9:00am Congenital malformations and hydrocephalus (Pathology) Dr.Hala Kfoury	8:00 - 10:00am Pathology of meningitis and its complications (Pathology) Dr.Hala Kfoury	8:00 - 10:00am <u>(Practical)</u> Biochemical aspects of CSF  (Biochemistry) All Staff	8:00 - 9:00 am Cerebral malaria  (Microbiology)  Prof. Adeel
9:00 – 10:00 am Microbiology of acute pyogenic meningitis (Microbiology) Prof. Hanan Habib	9:00 – 10:00 am Viral infections of the CNS (Microbiology) Dr. Malak El Hazmi	9:00 – 10:00am Biochemical aspects of CSF  (Biochemistry) Dr. Rana Hasanato		9:00 - 10:00 am Self Directed Learning
10:00 - 11:00am Self Directed Learning	10:00 - 12:00am Drugs used in depression- new groups (Pharmacology)  Prof. Omnia	10:00 - 12:00pm <u>Practical</u> Neuropathology- II  (Pathology)  Dr. Shaesta/Dr. Hala	10:00 - 11:00 am Drugs used in meningitis  (Pharmacology) Prof. Azah	10:00 - 12:00am Cerebral TB and other chronic cerebral infections (Microbiology) Dr. Fawzia Al Otaibi
11:00 - 12:00am Drugs used in depression- old groups  (Pharmacology)  Prof. Omnia	Fungal infections of the CNS (Microbiology) Dr. Ahmed Al Barrag		11:00 - 12:00am Self Directed Learning	11:00 - 12:00am 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 - 3:00 pm Clinical examination of cranial nerves  (Introduction to Clinical Medicine) Group F-2	1:00 -3:00pm  Small Group Learning (PBL) Case 6 Part 1	1:00 - 3:00 pm  Salam	1:00 - 3:00 pm Initiative, integrity and trustworthiness (Professionalism) Prof. Hanan Habib	1:00 -3:00pm  Small Group Learning (PBL) Case 6 Part 2

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WEEK 8 – NERVOUS SYSTEM BLOCK (Female Group)

Week (8) Starting: 29/10/2011 (02/12/1432 H)

Ageing and Trauma of the Nervous system

CHAIR PERSON : Prof. Sultan Ayoub Meo

CO-CHAIR: Dr. Omar Al-Habib

Saturday 29 October 2011	Sunday 30 October 2011	Monday 31 October 2011	Tuesday 01 November 2011	Wednesday 02 November 2011
8:00 - 9:00am Ageing and changes in the brain  (Physiology) Dr. Aida Korish	8:00 - 9:00am  Self Directed Learning	<b>Vacation</b>	<b>Vacation</b>	<b>Vacation</b>
9:00 – 10:00am  Pathological aspects of trauma and cellular aspects of injury (Pathology) Dr.Hala Kfoury	9:00 – 10:00am  Self Directed Learning			
10:00 - 11:00am Self Directed Learning	10:00 - 11:00am Self Directed Learning			
11:00- 12:00pm Alcohol and the brain  (Pharmacology) Dr. Alia	11:00- 12:00pm Self Directed Learning			
Lunch 12:00- 1:00 pm	Lunch 12:00- 1:00 pm			
1:00 - 2:00 pm  Vitamin B6 and B12 (Biochemistry) Dr. Sumbul	1:00 - 2:00 pm  Self Directed Learning			
2:00 – 3:00pm  Self Directed Learning	2:00 – 3:00pm  Self Directed Learning			

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WEEK 9 – NERVOUS SYSTEM BLOCK (Female Group)

Week (9) Starting: 05/11/2011 (09/12/1431H)

CHAIR PERSON : Prof. Sultan Ayoub Meo

CO-CHAIR: Dr. Omar Al-Habib

Saturday 05 November 2011	Sunday 06 November 2011	Monday 07 November 2011	Tuesday 08 November 2011	Wednesday 09 November 2011
<b>Vacation</b>	<b>Vacation</b>	<b>Vacation</b>	<b>Vacation</b>	<b>Vacation</b>

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WEEK 10 – NERVOUS SYSTEM BLOCK (Female Group)

Week (10) Starting: 12/11/2011 (16/12/1432 H)

Revision Week

CHAIR PERSON : Prof. Sultan Ayoub Meo

CO-CHAIR: Dr. Omar Al-Habib

Saturday 12 November 2011	Sunday 13 November 2011	Monday 14 November 2011	Tuesday 15 November 2011	Wednesday 16 November 2011
<b>Revision</b>	<b>Revision</b>	<b>Revision</b>	<b>Revision</b>	<b>Revision</b>