

**KING SAUD UNIVERSITY  
COLLEGE OF MEDICINE**

**WEEK 1 –BLOCK ENDOCRINE B (Male)**

Week (1 ) Starting: 26/1/2013 (14/3/1434)

**PITUITARY GLAND**

**CHAIR PERSON : Dr. Riad Al-Sulimani**

**CO-CHAIR: Dr. Usman Ghani**

Saturday 26 January 2013	Sunday 27 January 2013	Monday 28 January 2013	Tuesday 29 January 2013	Wednesday 30 January 2013
8:00 - 9:00 am  Self- Directed Learning	8:00-10:00am  Problem-Based Learning Case 1 Part 1	8:00 - 10:00 am <b>(Practical)</b> Anatomy and radiology of the pituitary gland <b>(Anatomy and Radiology)</b> <b>All Staff</b>	8:00 - 10:00am Historical standards of professional behavior + Islamic values and rules for medical professionalism <b>(Professionalism)</b> <b>Prof. Jamal Jarallah</b>	8:00 - 10:00 am  Problem-Based Learning Case 1 Part 2
9:00 - 10:00 am Anatomy & histology of the pituitary gland <b>(Anatomy)</b> <b>Dr. Ahmed</b>		10:00 - 11:00am Introduction to the endocrine system  <b>(Physiology)</b> <b>Dr. Shahid Habib</b>	10:00 - 11:00am General mechanisms of the actions of hormone <b>(Biochemistry)</b> <b>Dr. Amr Moustafa</b>	
11:00- 12:00 pm Self- Directed Learning	11:00- 12:00 pm Self- Directed Learning	11:00 - 12:00pm Physiology of the anterior pituitary gland <b>(Physiology)</b> <b>Dr. Shahid Habib</b>	11:00 - 12:00pm Self- Directed Learning	11:00 - 12:00pm Self- Directed Learning
Lunch 12:00 - 1:00pm	Lunch 12:00 - 1:00pm	Lunch 12:00 - 1:00pm	Lunch 12:00 - 1:00pm	Lunch 12:00 - 1:00pm
1:00 - 2:00pm Introduction to Endocrine Block (Lecture Theater C Level 3) <b>Prof. Riad Sulimani</b>	1:00 - 2:00pm Physiology of hypothalamo-pituitary axis and regulatory mechanisms  <b>(Physiology)</b> <b>Dr. Shahid Habib</b>	1:00 - 3:00 pm Salam	1:00 - 2:00pm Anterior pituitary disorders <b>(Medicine)</b> <b>Dr. Anwar Jammah</b>	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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**WEEK 2 – BLOCK ENDOCRINE B (Male)**

Week (2) Starting: 2/2/2013 (21/3/1434)

**THYROID GLAND**

**CHAIR PERSON : Dr.Riad Al-Sulimani**

**CO-CHAIR: Dr.Usman Ghani**

Saturday 2 February 2013	Sunday 3 February 2013	Monday 4 February 2013	Tuesday 5 February 2013	Wednesday 6 February 2013
8:00 - 9:00 am Physiology of the thyroid gland <b>(Physiology)</b> <b>Dr. Aldrees</b>	8:00 - 10:00 am  Problem-Based Learning Case 2 Part 1	8:00 - 10:00 am  Interprofessional relationship  <b>(Professionalism)</b> Prof. Jamal Jarallah	8:00 - 9:00am Self- Directed Learning	8:00 - 10:00 am  Problem-Based Learning Case 2 Part 2
9:00 - 10:00 am Self- Directed Learning		10:00 - 11:00am Biochemistry of thyroid hormones & thermogenesis <b>(Biochemistry)</b> <b>Dr. Usman Ghani</b>	9:00 – 10:00am Pharmacology of drugs used in hyperthyroidism <b>(Pharmacology)</b> <b>Dr. Mahesar</b>	
10:00 - 11:00am Anatomy & embryology of the thyroid and parathyroid glands <b>(Anatomy)</b> <b>Prof. Saeed Abuel Makarem</b>	10:00 – 11:00am Self- Directed Learning	10:00 - 11:00am Biochemistry of thyroid hormones & thermogenesis <b>(Biochemistry)</b> <b>Dr. Usman Ghani</b>	10:00 - 11:00am Hypo and hyperthyroidism and hashimotos thyroiditis <b>(Pathology)</b> <b>Dr. Raddaoui</b>	10:00 – 11:00am Self- Directed Learning
11:00- 12:00 pm Histology of the thyroid gland <b>(Histology)</b> <b>Dr. Aly</b>	11:00 - 12:00 pm Hyper and hypo thyroidism <b>(Physiology)</b> <b>Dr. Aldrees</b>	11:00- 12:00pm Thyroid nodules and thyroid neoplasm <b>(Pathology)</b> <b>Dr. Raddaoui</b>	11:00- 12:00pm Pharmacology of drugs used in hypothyroidism <b>(Pharmacology)</b> <b>Dr. Mahesar</b>	11:00 – 12:00pm Self- Directed Learning
Lunch 12:00 – 1:00pm	Lunch 12:00 – 1:00pm	Lunch 12:00 – 1:00pm	Lunch 12:00 – 1:00pm	Lunch 12:00 – 1:00pm
1:00 - 3:00 pm <b>(Practical)</b>  Anatomy and histology of thyroid & parathyroid Glands <b>(Anatomy)</b> <b>All Staff</b>	1:00 – 3:00pm  Self- Directed Learning	1:00 - 3:00 pm  Salam	1:00 – 3:00pm  Self- Directed Learning	1:00 – 3:00pm  Self- Directed Learning

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**WEEK 3 – BLOCK ENDOCRINE B (Male)**

Week (3) Starting: 9/2/2012 (28/3/1434)

**PARATHYROID GLAND AND CALCIUM METABOLISM**

**CHAIR PERSON : Dr.Riad Al-Sulimani**

**CO-CHAIR: Dr.Usman Ghani**

Saturday 9 February 2013	Sunday 10 February 2013	Monday 11 February 2013	Tuesday 12 February 2013	Wednesday 13 February 2013
8:00 - 9:00am  Self- Directed Learning	8:00 - 10:00 am  Understanding the healthcare system in KSA <b>(Professionalism)</b>	8:00 - 9:00am Vitamin D, Rickets and osteoporosis <b>(Biochemistry)</b> <b>Dr. Usman Ghani</b>	8:00 - 9:00 am Self- Directed Learning	8:00 - 10:00 am History taking and examination of the thyroid gland  <b>(Introduction to Clinical Medicine)</b>  Male Group B1
9:00 – 10:00 am Self- Directed Learning		9:00 – 10:00 am Self- Directed Learning	9:00 – 10:00 am Self- Directed Learning	
10:00 - 11:00am  Self- Directed Learning	10:00 – 11:00am Histology of the parathyroid glands <b>(Anatomy)</b> <b>Dr. Aly</b>	10:00 - 12:00am  <b>Practical</b> Pathology of thyroid and parathyroid gland  <b>(Pathology)</b> <b>Dr. Marie Mukhashin</b>	10:00 - 11:00 am Self- Directed Learning	10:00 - 12:00am  History taking and examination of the thyroid gland  <b>(Introduction to Clinical Medicine)</b>  Male Group B2
11:00- 12:00pm Self- Directed Learning	11:00 -12:00pm Hypo- and hyper-parathyroidism <b>(Physiology)</b> <b>Dr. Taha Saddig</b>		11:00- 12:00pm The immune system and endocrine disorders <b>(Immunology)</b> <b>Prof. Zahid Shakoore</b>	
Lunch 12:00 – 1:00pm	Lunch 12:00 – 1:00pm	Lunch 12:00 – 1:00pm	Lunch 12:00 – 1:00pm	Lunch 12:00 – 1:00pm
1:00 – 3:00 pm  Self- Directed Learning	1:00 – 2:00 pm  Calcium homeostasis  <b>(Physiology)</b> <b>Dr. Taha Saddig</b>	1:00 – 3:00 pm  Salam	1:00 – 3:00 pm  Self- Directed Learning	1:00 – 2:00 pm  Pharmacology of drugs used in calcium and vitamin D disorders <b>(Pharmacology)</b> <b>Dr. Ishfaq</b>

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**WEEK 4 – BLOCK ENDOCRINE B (Male)**

Week (4) Starting: 16/2/2013 (6/4/1434)

**ADRENAL GLANDS**

**CHAIR PERSON : Dr.Riad Al-Sulimani**

**CO-CHAIR: Dr.Usman Ghani**

Saturday 16 February 2013	Sunday 17 February 2013	Monday 18 February 2013	Tuesday 19 February 2013	Wednesday 20 February 2013	
8:00 – 10:00am  <b>Midterm Exam</b>	8:00 - 10:00am  <b>Problem-Based Learning</b>  Case 3 Part 1	8:00 -9:00 am Biochemistry of Cushing syndrome <b>(Biochemistry)</b>  <b>Dr. Amr Moustafa</b>	8:00 - 9:00am Biochemistry of Addison’s disease <b>(Biochemistry)</b> <b>Dr. Amr Moustafa</b>	8:00 - 10:00 am  <b>Problem-Based Learning</b>  Case 3 Part 2	
10:00 ~ 11:00am Histology of adrenal gland <b>(Anatomy)</b> <b>Dr. Aly</b>	10:00- 11:00 am <b>Self- Directed Learning</b>	10:00 – 12:00pm  <b>Professionalism</b>	9:00 – 10:00am Adrenal hormones (glucocorticoids and androgens) Part 1 <b>(Physiology)</b> <b>Dr. Khalid</b>	9:00 – 10:00am Physiology of adrenal medulla and pheochromocytoma <b>(Physiology)</b> <b>Dr. Taha Sadig</b>	
11:00- 12:00pm Embryology & anatomy of adrenal glands <b>(Anatomy)</b>  <b>Dr. Essam</b>	11:00- 12:00pm Treatment of osteoporosis <b>(Pharmacology)</b>  <b>Dr. Ishfaq</b>		10:00 ~ 11:00 am Pathology of the adrenal gland <b>(Pathology)</b>  <b>Dr. Raddaoui</b>	11:00- 12:00pm Pharmacology of corticosteroids <b>(Pharmacology)</b>  <b>Dr. Ishfaq</b>	10:00 - 11:00 am Coping with diabetes mellitus in adolescence <b>(Psychiatry)</b> <b>Dr. Bazaid</b>
11:00- 12:00pm Embryology & anatomy of adrenal glands <b>(Anatomy)</b>  <b>Dr. Essam</b>	11:00- 12:00pm Treatment of osteoporosis <b>(Pharmacology)</b>  <b>Dr. Ishfaq</b>		11:00- 12:00pm Pharmacology of corticosteroids <b>(Pharmacology)</b>  <b>Dr. Ishfaq</b>	11:00- 12:00pm Pharmacology of corticosteroids <b>(Pharmacology)</b>  <b>Dr. Ishfaq</b>	11:00- 12:00pm  <b>Self- Directed Learning</b>
<b>Lunch</b> 12:00 – 1:00pm	<b>Lunch</b> 12:00 – 1:00pm	<b>Lunch</b> 12:00 – 1:00pm	<b>Lunch</b> 12:00 – 1:00pm	<b>Lunch</b> 12:00 – 1:00pm	
1:00 ~ 2:00 pm Adrenal gland hormones (mineralocorticoids) <b>(Physiology)</b>  <b>Dr. Khalid</b>	1:00 – 3:00pm  <b>(Practical)</b> Anatomy and radiology of the adrenal glands <b>(Anatomy and Radiology)</b>  <b>All Staff</b>	1:00 - 3:00 pm  <b>Salam</b>	1:00 - 2:00 pm Adrenal hormones Part 2 <b>(Physiology)</b> <b>Dr. Khalid</b>	1:00 - 2:00 pm Histology of adrenal gland <b>(Practical)</b> <b>All Staff</b>	
2:00 – 3:00pm  <b>Self- Directed Learning</b>	2:00 – 3:00pm  <b>Self- Directed Learning</b>	2:00 – 3:00pm  <b>Self- Directed Learning</b>	2:00 – 3:00pm  <b>Self- Directed Learning</b>	2:00 – 3:00pm  <b>Self- Directed Learning</b>	

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**WEEK 5 – BLOCK ENDOCRINE B (Male)**

Week (5) Starting: 23/2/2013 (13/4/1434)

**DIABETES MELLITUS, TYPE 1**

**CHAIR PERSON : Dr.Riad Al-Sulimani**

**CO-CHAIR: Dr.Usman Ghani**

Saturday 23 February 2013	Sunday 24 February 2013	Monday 25 February 2013	Tuesday 26 February 2013	Wednesday 27 February 2013
8:00 - 9:00am Histology of pancreas (exocrine and endocrine) <b>(Anatomy)</b> <b>Dr. Attia</b>	8:00 - 10:00 am <b>Problem-Based Learning</b>  Case 4 Part 1	8:00 - 9:00am Use of insulin in treatment of diabetes <b>(Pharmacology)</b> <b>Prof. Al Humayyd</b>	8:00 - 10:00am History taking from a patient with Diabetes Mellitus Type 2  <b>(Introduction to Clinical Medicine)</b> <b>Male Group B1</b>	8:00 - 10:00 am  <b>Problem-Based Learning</b>  Case 4 Part 2
9:00 – 10:00 am Physiology of the pancreas <b>(Physiology)</b> <b>Dr. Khalid</b>		9:00 – 10:00am Biochemistry of diabetic ketoacidosis <b>(Biochemistry)</b> <b>Dr. Amr Moustafa</b>		
10:00 - 11:00 am Pathology and pathogenesis of type 1 diabetes mellitus <b>(Pathology)</b> <b>Dr. Raddaoui</b>	10:00- 11:00 am <b>Self- Directed Learning</b>	10:00 – 11:00am Common infections in diabetes mellitus (Diabetic foot) <b>(Microbiology)</b> <b>Dr. Ali Somily</b>	10:00 - 12:00pm History taking from a patient with Diabetes Mellitus Type 2  <b>(Introduction to Clinical Medicine)</b> <b>Male Group B2</b>	10:00 - 11:00am Management of diabetic ketoacidosis and hypoglycemia <b>(Pharmacology)</b> <b>Prof. Al Humayyd</b>
11:00- 12:00pm Anatomy of the pancreas <b>(Anatomy)</b> <b>Dr. Vohra</b>		11:00- 12:00pm Glucose homeostasis <b>(Biochemistry)</b> <b>Dr. Usman Ghani</b>		11:00- 12:00pm <b>Self- Directed Learning</b>
<b>Lunch</b> 12:00 – 1:00pm	<b>Lunch</b> 12:00 – 1:00pm	<b>Lunch</b> 12:00 – 1:00pm	<b>Lunch</b> 12:00 – 1:00pm	<b>Lunch</b> 12:00 – 1:00pm
1:00 ~ 2:00 pm Physiology of insulin <b>(Physiology)</b> <b>Dr. Khalid</b>	1:00 – 2:00pm Metabolic changes in diabetes mellitus <b>(Biochemistry)</b> <b>Dr. Amr Moustafa</b>	1:00 - 3:00 pm  Salam	1:00 ~ 3:00 pm Concept of community services + social contract  <b>(Professionalism)</b>	1:00 ~ 3:00pm <b>Practical</b> Measurement of glucose in blood and urine <b>(Biochemistry)</b>
2:00 – 3:00pm <b>Self- Directed Learning</b>				

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**WEEK 6 – BLOCK ENDOCRINE B (Male)**

Week (6) Starting: 2/3/2013 (20/4/1434)

**OBESITY , METABOLIC SYNDROME AND DIABETES MELLITUS,  
TYPE 2**

**CHAIR PERSON : Dr.Riad Al-Sulimani**

**CO-CHAIR: Dr.Usman Ghani**

Saturday 2 March 2013	Sunday 3 March 2013	Monday 4 March 2013	Tuesday 5 March 2013	Wednesday 6 March 2013
8:00 – 10:00 am  <b>Professionalism</b>	8:00 -9:00 am Biochemistry of obesity: role of hormones <b>(Biochemistry)</b> <b>Dr. Usman Ghani</b>	8:00 - 9:00 am <b>Self- Directed Learning</b>	<b>Consolidation</b>	<b>Consolidation</b>
	9:00 – 10:00am Pathology and pathogenesis of type 2 diabetes mellitus <b>(Pathology)</b> <b>Dr. Raddaoui</b>	9:00 – 10:00am  <b>Self- Directed Learning</b>		
10:00 - 11:00am Oral hypoglycaemic drugs Part 1 <b>(Pharmacology)</b> <b>Prof. Al Humayyd</b>	10:00- 11:00 am Oral hypoglycaemic drugs Part 2 <b>(Pharmacology)</b> <b>Prof. Al Humayyd</b>	10:00 - 11:00am <b>Self- Directed Learning</b>		
11:00- 12:00pm Epidemiology of diabetes mellitus <b>(Community and Family Medicine)</b> <b>Prof. Ashry Gad</b>	11:00- 12:00pm Biochemistry of metabolic syndrome <b>(Biochemistry)</b> <b>Dr. Usman Ghani</b>	11:00- 12:00pm <b>Self- Directed Learning</b>		
<b>Lunch</b> 12:00 – 1:00pm	<b>Lunch</b> 12:00 – 1:00pm	<b>Lunch</b> 12:00 – 1:00pm		
1:00 -2:00pm  <b>Self- Directed Learning</b>	1:00 – 2:00pm Epidemiology of obesity <b>(Community Medicine)</b> <b>Prof. Ashry Gad</b>	1:00 - 3:00 pm  Salam		

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