

KING SAUD UNIVERSITY  
COLLEGE OF MEDICINE

**WEEK 1 –BLOCK ENDOCRINE A (Male)**

Week (1) Starting: 26/01/2013 (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 Anatomy & histology of the pituitary gland (Anatomy) <b>Dr. Ahmed Fathalla</b> <b>Dr. Aly Mohammed</b>	8:00-10:00am  Problem-Based Learning Case 1 Part 1	8:00 - 9:00 am Diabetes insipidus (Physiology) <b>Dr. Taha Saddig</b>	8:00 - 9:00am Physiology of posterior pituitary gland (Physiology) <b>Dr. Taha Saddig</b>	8:00 -10:00 am  Problem-Based Learning Case 1 Part 2
9:00 - 10:00 am Introduction to the endocrine system (Physiology) <b>Dr. Shahid Habib</b>		9:00- 10:00am Physiology of the anterior pituitary gland (Physiology) <b>Dr. Shahid Habib</b>	9:00 - 10:00 am Self- Directed Learning	
10:00 - 11:00am Self- Directed Learning	10:00 - 11:00am Self- Directed Learning	10:00 - 11:00am Anterior pituitary disorders (Medicine) <b>Dr. Anwar Jammah</b>	10:00 - 12:00pm Historical standards of professional behavior + Islamic values and rules for medical professionalism  (Professionalism) <b>Prof. Jamal Al Jarallah</b>	10:00 - 11:00am Self- Directed Learning
11:00- 12:00 pm  Self- Directed Learning	11:00 -12:00pm Physiology of hypothalamo- pituitary axis and regulatory mechanisms (Physiology) <b>Dr. Shahid Habib</b>	11:00- 12:00 pm  General mechanisms of actions of hormones (Biochemistry) <b>Dr. Amr Moustafa</b>		11:00- 12:00 pm  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 – 3:00pm (Practical) Anatomy and radiology of the pituitary gland (Anatomy and Radiology) <b>All Staff</b>	1:00 - 3:00 pm  <b>Salam</b>	1:00 – 3:00pm 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

**LECTURE THEATER A**

**Room No.2141, Level**

WEEK 2 – BLOCK ENDOCRINE A (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 Anatomy & embryology of the thyroid and parathyroid glands (Anatomy) Prof. Saeed Abuel Makarem	8:00 - 10:00 am  Problem-Based Learning Case 2 Part 1	8:00 - 9:00am  Self- Directed Learning	8:00 10:00am (Practical) Anatomy and histology of thyroid & parathyroid Glands (Anatomy) All Staff	8:00 - 10:00 am  Problem-Based Learning Case 2 Part 2
9:00 - 10:00 am Physiology of the thyroid gland (Physiology) Dr. Aldrees		9:00 – 10:00am Self- Directed Learning		
10:00 - 11:00am Histology of the thyroid gland (Histology) Dr. Aly Mohammed	10:00 - 11:00am Biochemistry of thyroid hormones & thermogenesis (Biochemistry) Dr. Usman Ghani	10:00 - 12:00am  Professionalism	10:00 - 11:00pm Pharmacology of drugs used in hyperthyroidism (Pharmacology) Dr. Mahesar	10:30 - 11:30am Pharmacology of drugs used in hypothyroidism (Pharmacology) Dr. Mahesar
11:00- 12:00 pm Hyper and hypo thyroidism (Physiology) Dr. Aldrees	11:00 - 12:00 pm Hypo and hyperthyroidism and hashimotos thyroiditis (Pathology) Dr. Emad Raddaoui		11:00- 12:00pm Thyroid nodules and thyroid neoplasm (Pathology) Dr. Emad Raddaoui	11:30 – 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 - 2:00 pm Self- Directed Learning	1:00 – 2:00pm  Self- Directed Learning	1:00 - 3:00 pm  Salam	1:00 – 3:00pm 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

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**WEEK 3 – BLOCK ENDOCRINE A (Male)**

Week (3) Starting: 9/2/2013 (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 Histology of the parathyroid glands <b>(Anatomy)</b> <b>Dr. Aly</b>	8:00 - 9:00 am Hypo- and hyper-parathyroidism <b>(Physiology)</b> <b>Dr. Taha Saddig</b>	8:00 - 9:00am Self- Directed Learning	8:00 - 10:00 am History taking and examination of the thyroid gland  <b>(Introduction to Clinical Medicine)</b> <b>Male Group A1</b>	8:00 - 9:00 am Self- Directed Learning
9:00 – 10:00 am Calcium homeostasis <b>(Physiology)</b> <b>Dr. Taha Saddig</b>	9:00 – 10:00 am The immune system and endocrine disorders  <b>(Immunology)</b> <b>Prof. Zahid Shakoore</b>	9:00 – 10:00 am Self- Directed Learning	10:00 - 12:00am  History taking and examination of the thyroid gland  <b>(Introduction to Clinical Medicine)</b> <b>Male GroupA2</b>	9:00 - 11:00 am Self- Directed Learning
10:00 12:00pm <b>Practical</b> Pathology of thyroid and parathyroid gland <b>(Pathology)</b>  <b>Dr. Marie Mukhashin</b>	10:00 - 12:00pm Understanding the healthcare system in KSA  <b>(Professionalism)</b>	10:00 - 11:00am Vitamin D, Rickets and osteoporosis <b>(Biochemistry)</b>  <b>Dr. Usman Ghani</b>		11:00- 12:00pm Self- Directed Learning
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 Self- Directed Learning	1:00 – 2:00pm Self- Directed Learning	1:00 – 3:00 pm  <b>Salam</b>	1:00 - 2:00 pm Self- Directed Learning	1:00 – 2:00pm Self- Directed Learning
2:00 – 3:00pm Self- Directed Learning				

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**WEEK 4 – BLOCK ENDOCRINE A (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 – 10:00 am  <b>Midterm Exam</b>	8:00 -10:00 am  <b>Problem-Based Learning</b>  <b>Case 3 Part 1</b>	8:00 -10:00 am Interprofessional relationship  <b>(Professionalism)</b>  <b>Prof. Jamal Al Jarallah</b>	8:00 - 9:00am Adrenal hormones Part 2 <b>(Physiology)</b> <b>Dr. Khalid</b>	8:00 -10:00 am  <b>Problem-Based Learning</b>  <b>Case 3 Part 2</b>
10:00 - 11:00am  Treatment of osteoporosis <b>(Pharmacology)</b> <b>Dr. Ishfaq</b>	10:00- 11:00 am Adrenal gland hormones (mineralocorticoids) <b>(Physiology)</b> <b>Dr. Khalid</b>	10:00 - 12:00pm <b>(Practical)</b> Anatomy and radiology of the adrenal glands <b>(Anatomy and Radiology)</b>  <b>All Staff</b>	9:00 – 10:00am  Biochemistry of Cushing syndrome <b>(Biochemistry)</b> <b>Dr. Amr Moustafa</b>	10:00- 11:00 am Pharmacology of drugs used in calcium and vitamin D disorders <b>(Pharmacology)</b> <b>Dr. Ishfaq</b>
11:00- 12:00pm Histology of adrenal gland  <b>(Anatomy)</b> <b>Dr. Aly</b>	11:00- 12:00pm Adrenal hormones (glucocorticoids and androgens) Part 1 <b>(Physiology)</b> <b>Dr. Khalid</b>		10:00- 11:00 am Physiology of adrenal medulla and pheochromocytoma  <b>(Physiology)</b> <b>Dr. Taha</b>	11:00- 12:00pm Pharmacology of corticosteroids <b>(Pharmacology)</b> <b>Dr. Ishfaq</b>
11:00- 12:00pm Histology of adrenal gland  <b>(Anatomy)</b> <b>Dr. Aly</b>	11:00- 12:00pm Adrenal hormones (glucocorticoids and androgens) Part 1 <b>(Physiology)</b> <b>Dr. Khalid</b>		11:00- 12:00pm Pathology of the adrenal gland <b>(Pathology)</b> <b>Dr. Emad Raddaoui</b>	11:00- 12:00pm Pharmacology of corticosteroids <b>(Pharmacology)</b> <b>Dr. Ishfaq</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 – 2:00pm Embryology & anatomy of adrenal glands <b>(Anatomy)</b> <b>Dr. Essam</b>	1:00 – 2:00pm Biochemistry of Addison's disease <b>(Biochemistry)</b> <b>Dr. Amr Moustafa</b>	1:00 - 3:00 pm  <b>Salam</b>	1:00 – 2:00pm Histology of adrenal gland <b>(Practical)</b> All Staff	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 5 – BLOCK ENDOCRINE A (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. Atia</b>	8:00 - 10:00 am <b>Problem-Based Learning</b>  Case 4 Part 1	8:00 - 9:00am Metabolic changes in diabetes mellitus <b>(Biochemistry)</b> <b>Dr. Amr Moustafa</b>	8:00 -10:00am  <b>Practical</b> Measurement of glucose in blood and urine <b>(Biochemistry)</b>	8:00 - 10:00 am Problem-Based Learning  Case 4 Part 2
9:00 – 10:00 am Anatomy of the pancreas <b>(Anatomy)</b> <b>Dr. Vohra</b>		9:00 –11:00am Concept of community services + social contract  <b>(Professionalism)</b>		
10:00 - 11:00 am Physiology of the pancreas <b>(Physiology)</b> <b>Dr. Khalid</b>	10:00- 11:00 am Pathology and pathogenesis of type 1 diabetes mellitus <b>(Pathology)</b> <b>Dr. Emad Raddaoui</b>		10:00 - 11:00 am Common infections in diabetes mellitus (Diabetic foot) <b>(Microbiology)</b> <b>Prof. Kambal</b>	10:00 - 11:00am Glucose homeostasis <b>(Biochemistry)</b> <b>Dr. Usman Ghani</b>
11:00- 12:00pm Physiology of insulin <b>(Physiology)</b> <b>Dr. Khalid</b>	11:00- 12:00pm Management of diabetic ketoacidosis and hypoglycemia <b>(Pharmacology)</b> <b>Prof. Al Humayyd</b>	11:00- 12:00pm Biochemistry of diabetic ketoacidosis <b>(Biochemistry)</b> <b>Dr. Amr Moustafa</b>	11:00- 12:00pm Self- Directed Learning	11:00- 12:00pm Self- Directed Learning
<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 Use of insulin in treatment of diabetes <b>(Pharmacology)</b> <b>Prof. Al Humayyd</b>	1:00 – 3:00pm Oral hypoglycaemic drugs Part 2 <b>(Pharmacology)</b> <b>Prof. Al Humayyd</b>	1:00 - 3:00 pm  Salam	1:00 - 3:00pm History taking from a patient with Diabetes Mellitus Type 2  <b>(Introduction to Clinical Medicine)</b> Male Group A1	1:00 – 3:00pm History taking from a patient with Diabetes Mellitus Type 2  <b>(Introduction to Clinical Medicine)</b> Male Group A2
2:00 – 3:00pm  Oral hypoglycaemic drugs Part 1 <b>(Pharmacology)</b> <b>Prof. Al Humayyd</b>				

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WEEK 6 – BLOCK ENDOCRINE A (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 Ghany

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

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