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**COLLEGE OF MEDICINE**

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| **WEEK 1 –BLOCK ENDOCRINE A (Male)** | | | | |
| **Week (1 ) Starting: 26/01/2014 to 30/01/2014 (25/3/1435 to 29/03/1435)**  **PITUITARY GLAND** | | | | |
| **CHAIR PERSON :** Dr. Riad Al-Sulimani | | | | |
| **CO-CHAIR:** Dr. Usman Ghani | | | | |
| **Sunday**  **26 January 2014** | **Monday**  **27 January 2014** | **Tuesday**  **28 January 2014** | **Wednesday**  **29 January 2014** | **Thursday**  **30 January 2014** |
| **8:00 - 9:00 am**  Introduction to Endocrine Block  (Lecture Theater C Level 3)  **Prof. Riad Sulimani** | **8:00-9:00am**  General mechanisms of actions of hormones  **(Biochemistry)**  **Dr. Amr Moustafa** | **8:00 - 9:00 am**  Diabetes insipidus  **(Physiology)**  **Dr. Taha Saddig** | **8:00 - 9:00am**  **Self- Directed Learning** | **8:00 -9:00 am**  Anterior pituitary disorders  **(Medicine)**  **Dr. Mohammed Al Maatouq** |
| **9:00 - 10:00 am**  Anatomy & histology of the pituitary gland  **(Anatomy)**  **Prof. Ahmed Fathalla**  **Dr. Aly Mohammed** | **9:00 – 10:00am**  Physiology of hypothalamo-pituitary axis and regulatory mechanisms  **(Physiology)**  **Dr. Abdulmajeed Aldrees** | **9:00– 10:00am**  **Self- Directed Learning** | **9:00 - 10:00 am**  Physiology of  posterior pituitary gland  **(Physiology)**  **Dr. Abdulmajeed Aldrees** | **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**  **Self- Directed Learning** | **10:00 - 11:00am**  **Self- Directed Learning** | **10:00 - 11:00am**  **Self- Directed Learning** |
| **11:00- 12:00 pm**  **Self- Directed Learning** | **11:00 -12:00pm**  **Self- Directed Learning** | **11:00- 12:00 pm**  Physiology of the anterior pituitary gland  (**Physiology)**  **Dr. Abdulmajeed Aldrees** | **11:00 – 12:00pm**  **Self- Directed Learning** | **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 the endocrine system  **(Physiology)**  **Dr. Abdulmajeed Aldrees** | **1:00 – 3:00pm**  **(Practical)**  Anatomy and radiology of the pituitary gland  **(Anatomy and Radiology)**  **Dr. Essam Salama and Anatomy Staff** | **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 2 – BLOCK ENDOCRINE A (Male)** | | | | |
| **Week (2 ) Starting: 02/02/2014 to 06/02/2014 (02/04/1435 to 06/04/2014)**  **THYROID GLAND** | | | | |
| **CHAIR PERSON :** Dr.Riad Al-Sulimani | | | | |
| **CO-CHAIR:** Dr.Usman Ghani | | | | |
| **Sunday**  **02 February 2014** | **Monday**  **03 February 2014** | **Tuesday**  **04 February 2014** | **Wednesday**  **05 February 2014** | **Thursday**  **06 February 2014** |
| **8:00 - 9:00 am**  **Self- Directed Learning** | **8:00 - 10:00 am**  **Problem-Based Learning**  **Case 1 Part** **1** | **8:00 - 9:00am**  **Self- Directed Learning** | **8:00 - 10:00am**  **(Practical)**  Anatomy and histology of thyroid & parathyroid  Glands  **(Anatomy)**  **Dr. Essam Salama and Anatomy Staff** | **8:00 - 10:00 am**  **Problem-Based Learning**  **Case 1 Part 2** |
| **9:00 - 10:00 am**  **Self- Directed Learning** | **9:00 – 10:00am**  Anatomy & embryology of the thyroid and para-thyroid glands  **(Anatomy)**  **Prof. Saeed Abuel Makarem** |
| **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**  Concept of community services and social contract  **Professionalism**  **Dr. Kamran Sattar** | **10:00 - 11:00pm**  Pharmacology of drugs used in hyperthyroidism  **(Pharmacology)**  **Dr. Mahesar** | **10:00 - 11:00am**  Pharmacology of drugs used in hypothyroidism  **(Pharmacology)**  **Dr. Mahesar** |
| **11:00- 12:00 pm**  **Self- Directed Learning** | **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**  Physiology of the thyroid gland  **(Physiology)**  **Dr. Abdulmajeed Aldrees** | **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**  Hyper and hypo thyroidism  **(Physiology)**  **Dr. Abdulmajeed Aldrees** | **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: 09/02/2014 to 13/02/2014 (09/04/1435 to 13/04/1435)**  **PARATHYROID GLAND AND CALCIUM METABOLISM** | | | | |
| **CHAIR PERSON :** Dr.Riad Al-Sulimani | | | | |
| **CO-CHAIR:** Dr.Usman Ghani | | | | |
| **Sunday**  **09 February 2014** | **Monday**  **10 February 2014** | **Tuesday**  **11 February 2014** | **Wednesday**  **12 February 2014** | **Thursday**  **13 February 2014** |
| **8:00 - 9:00am**  **Self- Directed Learning** | **8:00 - 9:00 am**  Calcium homeostasis  **(Physiology)**  **Dr. Taha Saddig** | **8:00 - 9:00am**  **Practical**  Pathology of thyroid and parathyroid gland  **(Pathology)**  **Dr. Marie Mukhashin** | **8:00 - 9:00am**  Treatment of osteoporosis  **(Pharmacology)**  **Dr. Ishfaq** | **8:00 - 9:00 am**  Pharmacology of drugs used in calcium and vitamin D disorders  **(Pharmacology)**  **Dr. Ishfaq** |
| **9:00 – 10:00 am**  **Self- Directed Learning** | **9:00 – 10:00 am**  **Self- Directed Learning** | **9:00 – 10:00am**  **Self- Directed Learning** | **9:00 - 11:00 am**  **Self- Directed Learning** |
| **10:00 - 11:00am**  Hypo- and hyper-parathyroidism  **(Physiology)**  **Dr. Taha Saddig** | **10:00 -12:00pm**  Ethics of Medical Reserach  **(Professionalism)**  **Prof. Ahmed Adeel** | **10:00 - 11:00am**  Vitamin D, Rickets and osteoporosis  **(Biochemistry)**  **Dr. Usman Ghani** | **10:00 – 11:00am**  **Self- Directed Learning** | **Self- Directed Learning** |
| **11:00 – 12:00pm**  **Self- Directed Learning** | **11:00- 12:00pm**  Professionalism through mentoring  **(Professionalism)**  **Dr. Kamran Sattar** | **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**  Histology of the parathyroid glands  **(Anatomy)**  **Dr. Aly** | **1:00 – 3:00 pm**  **Salam** | **1:00 - 2:00** **pm**  **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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| **WEEK 4 – BLOCK ENDOCRINE A (Male)** | | | | |
| **Week (4 ) Starting: 16/02/2014 to 20/02/2014 (15/04/1435 to 19/04/1435)**  **ADRENAL GLANDS** | | | | |
| **CHAIR PERSON :** Dr.Riad Al-Sulimani | | | | |
| **CO-CHAIR:** Dr.Usman Ghani | | | | |
| **Sunday**  **16 February 2014** | **Monday**  **17 February 2014** | **Tuesday**  **18 February 2014** | **Wednesday**  **19 February 2014** | **Thursday**  **20 February 2014** |
| **8:00 –10:00 am**  **Midterm Exam** | **8:00 -10:00 am**  **Problem-Based Learning**  **Case 2 Part 1** | **8:00 – 9:00am**  Histology of adrenal gland  **(Practical)**  **All Staff** | **8:00 - 9:00am**  Adrenal hormones  Part 2  **(Physiology)**  **Dr. Khalid Alregaiey** | **8:00 -10:00 am**  **Problem-Based Learning**  **Case 2 Part 2** |
| **9:00 – 10:00am**  Biochemistry of Cushing syndrome  **(Biochemistry)**  **Dr. Amr Moustafa** | **9:00 – 10:00am**  The immune system and endocrine disorders  **(Immunology)**  **Prof. Zahid Shakoor** |
| **10:00 - 11:00am**  **Feedback on Midterm Exam**  **Prof. Riad Sulimani** | **10:00- 11:00** **am**  Adrenal gland hormones  (mineralocorticoids)  **(Physiology)**  **Dr. Khalid Alregaiey** | **10:00 - 12:00pm**  History taking and examination of the thyroid gland  **(Introduction to Clinical Medicine)**  **Male Group A1** | **10:00- 11:00** **am**  Physiology of adrenal medulla and pheochromocytoma  **(Physiology)**  **Dr. Taha Saddig** | **10:00- 11:00** **am**  Biochemistry of Addison’s disease  **(Biochemistry)**  **Dr. Amr Moustafa** |
| **11:00- 12:00pm**  Embryology & anatomy of adrenal glands  **(Anatomy)**  **Dr. Essam** | **11:00- 12:00pm**  Adrenal hormones (glucocorticoids and androgens)  Part 1  **(Physiology)**  **Dr. Khalid Alregaiey** | **11:00- 12:00pm**  Pathology of the adrenal gland  **(Pathology)**  **Dr. Emad Raddaoui** | **11:00- 12:00pm**  Pharmacology of corticosteroids  **(Pharmacology)**  **Dr. Saeed Shaikh** |
| **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**  Histology of adrenal gland  **(Anatomy)**  **Dr. Aly** | **1:00 – 3:00pm**  **(Practical)**  Anatomy and radiology of the  adrenal glands  **(Anatomy and Radiology)**  **Dr. Essam Salama and Anatomy Staff** | **1:00 - 3:00 pm**  **Salam** | **1:00 – 3:00pm**  History taking and examination of the thyroid gland **(Introduction to Clinical Medicine)**    **Male GroupA2** | **1:00 – 2:00pm**  **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: 23/02/2014 to 27/02/2014 (23/04/1435 to 27/04/1435)**  **DIABETES MELLITUS, TYPE 1** | | | | |
| **CHAIR PERSON :** Dr.Riad Al-Sulimani | | | | |
| **CO-CHAIR:** Dr.Usman Ghani | | | | |
| **Sunday**  **23 February 2014** | **Monday**  **24 February 2014** | **Tuesday**  **25 February 2014** | **Wednesday**  **26 February 2014** | **Thursday**  **27 February 2014** |
| **8:00 - 9:00am**  Histology of pancreas  (exocrine and endocrine)  **(Anatomy)**  **Dr. Atia** | **8:00 - 9:00 am**  **Self- Directed Learning** | **8:00 - 9:00am**  **Self- Directed Learning** | **8:00 - 10:00am**  **Practical**  Measurement of glucose in blood and urine  **(Biochemistry)**  **A1** | **8:00 – 10:00 am**  Putting in Sterile Gloves  **(Introduction to Clinical Medicine)**  **Male Group A1** |
| **9:00 – 10:00 am**  **Self- Directed Learning** | **9:00 – 10:00 am**  Metabolic changes in diabetes mellitus  **(Biochemistry)**  **Dr. Amr Moustafa** | **9:00 –11:00am**  Professionalism in different cultural contexts  (Sensitivity to others belief and world views) **(Professionalism)**  **Dr. Kamran Sattar** |
| **10:00 - 11:00** **am**  Anatomy of the pancreas  **(Anatomy)**  **Dr. Vohra** | **10:00- 11:00 am**  Pathology and pathogenesis of type 1 diabetes mellitus  **(Pathology)**  **Dr. Emad Raddaoui** | **10:00 - 12:00pm**  **Practical**  Measurement of glucose in blood and urine  **(Biochemistry)**  **A2** | **10:00 - 11:00am**  Glucose homeostasis  **(Biochemistry)**  **Dr. Usman Ghani** |
| **11:00- 12:00pm**  Physiology of the pancreas  **(Physiology)**  **Dr. Khalid Alregaiey** | **11:00- 12:00pm**  Use of insulin in treatment of diabetes  **(Pharmacology)**  **Prof. Al Humayyd** | **11:00- 12:00pm**  Biochemistry of diabetic ketoacidosis  **(Biochemistry)**  **Dr. Amr Moustafa** | **11:00- 12:00pm**  Common infections in diabetes mellitus  (Diabetic foot)  **(Microbiology)**  **Prof. Kambal** |
| **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**  Physiology of insulin  **(Physiology)**  **Dr. Khalid Alregaiey** | **1:00 – 2:00pm**  **Self- Directed Learning** | **1:00 - 3:00 pm**  **Salam** | **1:00 - 3:00pm**  Management of diabetic ketoacidosis and hypoglycemia  **(Pharmacology)**  **Prof. Al Humayyd** | **1:00 – 2:00pm**  Pathology and pathogenesis of type 2 diabetes mellitus **(Pathology)**  **Dr. Emad Raddaoui** |
| **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 6 – BLOCK ENDOCRINE A (Male)** | | | | |
| **Week (6 ) Starting: 02/03/2014 to 06/03/2014 (01/05/1435 to 05/05/1435)**  **OBESITY , METABOLIC SYNDROME AND DIABETES MELLITUS**  **TYPE 2** | | | | |
| **CHAIR PERSON :** Dr.Riad Al-Sulimani | | | | |
| **CO-CHAIR:** Dr.Usman Ghany | | | | |
| **Sunday**  **02 March 2014** | **Monday**  **03 March 2014** | **Tuesday**  **04 March 2014** | **Wednesday**  **05 March 2014** | **Thursday**  **06 March 2014** |
| **8:00 – 9:00 am**  Biochemistry of obesity: role of hormones  **(Biochemistry)**  **Dr. Usman Ghani** | **8:00 - 10:00 am**  **Problem-Based Learning**  **Case 3 Part 1** | **8:00 - 10:00 am**  History taking from a patient with Diabetes Mellitus Type 2  **(Introduction to Clinical Medicine)**  **Male Group A1** | **8:00 - 9:00am**  Epidemiology of diabetes mellitus  **(Community and Family Medicine)**  **Prof. Ashry Gad** | **8:00 - 10:00 am**  **Problem-Based Learning**  **Case 3 Part 2** |
| **9:00 - 10:00 am**  Coping with diabetes mellitus in adolescence  **(Psychiatry)**  **Dr. Turki Al-Batti** | **9:00 – 10:00 am**  Oral hypoglycaemic drugs  Part 1  **(Pharmacology)**  **Prof. Al Humayyd** |
| **10:00 - 11:00am**  Biochemistry of metabolic syndrome  **(Biochemistry)**  **Dr. Usman Ghani** | **10:00- 11:00 pm**  **Self- Directed Learning** | **10:00 - 12:00pm**  History taking from a patient with Diabetes Mellitus Type 2  **(Introduction to Clinical Medicine)**  **Male Group A2** | **10:00 - 11:00am**  Oral hypoglycaemic drugs  Part 2  **(Pharmacology)**  **Prof. Al Humayyd** | **10:00 - 12:00pm**  **Professionalism** |
| **11:00- 12:00pm**  **Self- Directed Learning** | **11:00- 12:00pm**  Epidemiology of obesity  **(Community Medicine)**  **Prof. Ashry Gad** | **11:00- 12:00pm**  Candidiasis  **(Microbiology)**  **Dr. Al Barrag** |
| **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 -3:00pm**  **Self- Directed Learning** | **1:00 – 3:00pm**  Putting in Sterile Gloves  **(Introduction to Clinical Medicine)**  **Male Group A2** | **1:00 - 3:00 pm**  **Salam** | **1:00 - 3:00 pm**  **Self- Directed Learning** | **1:00 - 3:00 pm**  **Self- Directed Learning** |

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