

Course Description Form

1. Course Name: Diabetes, Endocrinology, and Metabolism	
2. Course Code:	
3. Semester / Year: 2023-2024	
4. Description Preparation Date: 4\03\2024	
5. Available Attendance Forms: lectures and clinical sessions	
6. Number of Credit Hours (Total) / Number of Units (Total)	
36 hours	
7. Course administrator's name (mention all, if more than one name)	
Assistant Professor Haider Ayad Yassin, haider.alidrisi@uobasrah.edu.iq	
8. Course Objectives	
Course Objectives	<ul style="list-style-type: none"> Understand the clinical manifestations of various endocrine disorders. Analytical evaluations including dynamic tests and imaging to diagnose endocrine disorders. Treatment strategies for various endocrine disorders. The student must acquire knowledge about common diabetes, endocrine and metabolic diseases, their emergency cases, and how to deal with them in the optimal way. Introducing diabetes, endocrine and metabolic diseases, including clinical symptoms and signs and basic knowledge of medicine. In addition to teaching students how to take and build a medical history. Review basic information about the disease entities encountered and their impact on community health. Discuss methods of diagnosis, treatment and prevention of common endocrine diseases and metabolic disorders. The ability to build a map of how medical information from the patient recorded and used with clinical signs. How to use the available facilities to reach a discreet approach to diagnosing and treating diseases related to diabetes, endocrinology and metabolism. Creating the ability to deal with various emergency situations as a security doctor from the first day of training and developing skills in performing simple diagnostic and interventional procedures.

	<ul style="list-style-type: none"> Learn how to perform an ultrasound of the thyroid and parathyroid glands and performing histological examinations for thyroid diseases. Students must acquire the necessary skills and knowledge about diabetes endocrine diseases, metabolism, and necessary emergency cases. It is known by any doctor, regardless of his field of interest in the future. Therefore, the student is introduced to medicine, including commonly used medical terms, the environment, health, and the history of medicine in different time periods.
--	---

9. Teaching and Learning Strategies

Strategy	<ul style="list-style-type: none"> Giving theoretical lectures in person The student learns how to deal with emergency cases through training in the emergency and critical cases department, internal wards, and the intensive care unit. Programmed clinical training on diabetes, endocrinology and metabolism and their interactions in internal medicine departments and specialized centers for diabetes, endocrinology, and metabolism. Seminars on the important and most common topics in diabetes endocrinology, and metabolism
-----------------	---

10. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1	1	Understand complications, How to diagnose it prevent And treat them	Acute complications of diabetes	Lecture & cases	Clir Questions and discussion, presentation of clinical cases, quick test
2	1	Diagnose, prevent, treat GDM How to follow patients look For complications.	Diabetes in pregnancy	Lecture & cases	Clir Questions and discussion, presentation of clinical cases, quick test
3	1	Identify the clinical signs and symptoms of the disease, how to diagnose treat, potential complications, their treatments and appropriate prevention. Read the labs for diagnosis and follow-up	Pituitary tumors (Adenoma and hyperprolactinemia)	Lecture & cases	Clir Questions and discussion, presentation of clinical cases, quick test
4	1	Diagnose and treat acromegaly	Acromegaly and non-functioning pituitary adenoma	Lecture & cases	Clir Questions and discussion, presentation of clinical cases, quick test
5	1	Diagnosis, causes treatment of DI and Hypopituitarism	Diabetes Insipidus and Hypopituitarism	Lecture & cases	Clir Questions and discussion, presentation of clinical cases, quick test

6	1	Diagnose and treat adrenal pheo	Pheochromocytoma, and adrenal incidentaloma	Lecture & cases	Clir	Questions and discussion, presentation of clinical cases, quick test
7	1	Identify the clinical signs and symptoms of the disease, how to diagnose, treat, potential complications, their treatment and appropriate prevention. Read the labs for diagnosis and follow-up	Pathophysiology of calcium and phosphorus homeostasis and Hyperparathyroidism	Lecture & cases	Clir	Questions and discussion, presentation of clinical cases, quick test
8	1	Diagnose and hypocalcemia Causes Treat hypoparathyroidism	Hypocalcemia and hypoparathyroidism	Lecture & cases	Clir	Questions and discussion, presentation of clinical cases, quick test
9	2	Physiology of the gonadal axis, Causes of precocious and delayed Puberty, and treatment	The reproductive system delayed puberty, precocious puberty, and male hypogonadism and infertility	Lecture & cases	Clir	Questions and discussion, presentation of clinical cases, quick test
10	1	Evaluate and treatment of androgen Excess in females	Amenorrhea, hirsutism, polycystic ovarian syndrome	Lecture & cases	Clir	Questions and discussion, presentation of clinical cases, quick test

11. Course Evaluation

- Daily evaluation during the clinical session regarding active participation and scientific discussion
- The written examination includes the best answer, multiple matching questions, and the clinical case problem in the mid- and end-of-year exams.

12. Learning and Teaching Resources

Required textbooks (curricular books, if any)	Davidson's Principles and Practice of Medicine 24th edition Davidson's Essentials of Medicine, 3rd Edition MacLeod practice of Medicine
Main references (sources)	Williams Textbook of Endocrinology - 14th Edition Harrison's Principles of Internal Medicine, 21e
Recommended books and references (scientific journals, reports...)	
Electronic References, Websites	The endocrine society clinical practice guidelines American Diabetes Association Standard of Care 2023 Uptodate Google Scholar

