



Icahn
School of
Medicine at
Mount
Sinai

COURSE INFORMATION SHEET

Title of Course: Endocrinology Pathophysiology

Academic Year: 2017-2018

Duration of Course: 4 weeks

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Mission Statement of Course:

This course is designed to teach the basic principles of the pathophysiology and pharmacology of Endocrine Diseases to Second Year Medical Students.

Goals of Course:

To teach the pathophysiology of endocrine diseases, highlight the presenting signs, symptoms, laboratory, pathologic and radiographic findings of endocrine disorders so that students will be able to formulate a differential diagnosis and diagnostic plan when confronted with patients with possible disorders of the endocrine system. To teach the pharmacology of the endocrine system and the medical treatments available for endocrine diseases.

Objectives of Course:

Students who have completed the Endocrinology course will:

1. Identify the causes of disorders of the Endocrine System.
2. Recognize the signs and symptoms of Endocrine Disease.
3. Apply knowledge of signs, symptoms to the diagnostic workup of endocrine diseases.



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4. Analyze the results of laboratory, radiographic and pathologic studies in diseases of the endocrine system.
5. Formulate a differential diagnosis based on signs, symptoms and results of laboratory, radiographic and pathologic studies.
6. Estimate the likelihood of Endocrine Disease based on history, physical exam and results of laboratory, radiologic and pathologic studies.
7. Understand the pharmacology of drugs that treat endocrine diseases and apply that knowledge to the treatment of endocrine disorders.