UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

SYLLABUS DEL CORSO

Endocrinologia B

2627-3-H4101D258-H4101D050M

Aims

The Endocrinology B module (lectures) aims to provide the knowledge base for learning clinical and surgical semiotics and the physiopathology of endocrine system diseases. Knowledge of physiopathology in turn represents the basis for understanding the relationships between diseases and their clinical expressions, thus allowing the interpretation of symptoms and clinical signs, laboratory tests and instrumental and radiological diagnostics. The tools are provided to learn the concepts of disease limited to an organ, an apparatus or systemic involvement starting from one or more mechanisms underlying the disease itself. In most endocrine diseases it becomes important to understand the need for a holistic approach for the management of diseases and related complications

Contents

Diabetes and metabolic diseases and related complications, hypothalamic and pituitary diseases, thyroid nodule, phospho-calcium metabolism diseases and osteoporosis. Adrenal cortex and medullary diseases

Detailed program

HYPOTHALAMIC-PITUITARY AXIS DISEASES – Pathophysiology of the hypothalamic-pituitary axis, pituitary adenomas (acromegaly/gigantism, prolactinoma, Cushing's disease, TSHoma, gonadotropinoma, non-secreting tumors, craniopharyngioma); hypopituitarism; Sheehan's syndrome. - Neurohypophyseal system and related pathology: diabetes insipidus, syndrome of inappropriate ADH secretion. MEN and neuroendocrine tumors
THYROID AND PARATHYROID PATHOLOGY - Thyroid nodule and thyroid neoplasms (papillary, follicular, undifferentiated, medullary carcinoma).
PARATHYROIDS AND METABOLIC BONE PATHOLOGY - Phosphocalcic metabolism; hyperparathyroidism (primary, secondary, tertiary); hypoparathyroidism and pseudohypoparathyroidism; hypercalcemia; osteoporosis;

Paget's disease of bone.
ADRENAL PATHOLOGY Adrenal and related pathology: Cushing's syndrome, Addison's disease; primary hyperaldosteronism. Pheochromocytoma and paraganglioma.

Prerequisites

Knowledge related to the preparatory courses indicated in the degree course regulations: pathology and immunology

Teaching form

The Endocrinology B module is structured with traditional lectures with the entire student assembly.
Lectures (12 hours).
All lessons will be delivered “in presence”.

Textbook and teaching resource

“Malattie del Sistema Endocrino e del Metabolismo” Giovanni Faglia, Paolo Beck-Peccoz IV edizione giugno 2016, Collana Patologia sistematica medica e chirurgica, Edito da McGraw-Hill ISBN 9788838623929

“Endocrinologia e metabolismo” Giovanni Faglia, Paolo Beck-Peccoz, Anna Spada, Andrea Lania. Edizione 2009, Collana Core Curriculum, Edito da McGraw-Hill. ISBN: 9788838639586.

“HARRISON - Endocrinologia Clinica” J. Larry Jameson Edizione 2007, Edito da McGraw- Hill. ISBN: 9788838639210

Semester

Second semester.

Assessment method

Oral exam (in presence): see General Syllabus of the course

Office hours

Appointment by email:
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Sustainable Development Goals

GOOD HEALTH AND WELL-BEING | QUALITY EDUCATION | GENDER EQUALITY