



ENDOCRINOLOGIA E DERMATOLOGIA

8 CFU - 1° Semester

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LEARNING OBJECTIVES

▪ ENDOCRINOLOGY AND DERMATOLOGY - Module ENDOCRINOLOGY

▪ Endocrinology

- Basic formative targets: fundamental knowledge of anatomy and physiology of endocrine and metabolic system; of mechanisms causing endocrine and metabolic diseases.
- Formative targets of the class:
 - Gaining of fundamental theoretical knowledge needed for comprehension of endocrine system diseases (included pediatric and pubertal endocrinology, endocrine diseases of the elder and endocrinology and physiopathology of human reproduction), andrological diseases (prevention of couple infertility and techniques related to assisted reproduction) and metabolic diseases (childhood

diabetes, gestational diabetes, prevention and management of chronic complications of diabetes mellitus, obesity, dyslipidemia);

- Gaining of knowledge related to functional and instrumental endocrine/metabolic semeiotic ;
- Gaining of theoretical knowledge needed to recognize the main diseases which constitute endocrine and metabolic emergencies;
- Gaining of theoretical knowledge related to endocrine and metabolic aspects of childhood diseases, including congenital and neonatal disendocrine and dismetabolic forms of childhood and adolescence;
- Gaining of theoretical knowledge related to endocrine alterations responsible for defects of reproductive activity of male and female, including infective, disendocrine, dismetabolic aspects of couple infertility;
- Gaining of theoretical knowledge related to diagnosis of tumor diseases of endocrine glands and hormone-dependent tumors;
- Gaining of theoretical knowledge related to epidemiology, prevention, differential diagnosis of the different forms of obesity and thinness;
- Gaining of theoretical knowledge relative to epidemiology and primary and secondary prevention, diagnosis of the various forms of diabetes mellitus, including childhood diabetes and gestational diabetes, and diagnostic prevention and multidisciplinary treatment of risk factors for chronic complications of diabetes (ocular, nephrology, cardiovascular, etc.);
- Gaining of theoretical knowledge related to prevention and diagnosis of lipid metabolism diseases.

▪ **Scienze infermieristiche e ginecologiche**

L ' objective of the course of study and to establish respect for cultural and ethical diversity and to instill knowing how to optimize the right to health

DETAILED COURSE CONTENT

▪ **ENDOCRINOLOGY AND DERMATOLOGY - Module ENDOCRINOLOGY**

▪ Endocrinology

- Basics of Endocrinology
- Hypothalamus diseases and Hypopituitarism
- Pituitary adenomas, acromegaly and hyperprolactinemia
- Anatomy and physiology of thyroid
- Hypo and Hyperthyroidism, Thyroiditis and nodular diseases
- Thyroid in pregnancy
- Testicle diseases, seminal fluid exam, male infertility
- Ovary diseases, hirsutism, polycystic ovary syndrome
- Adrenal diseases
- Endocrine pancreas diseases: Diabetes mellitus type 1, Diabetes mellitus type 2, Acute and chronic complications of diabetes mellitus, Diabetes in pregnancy
- Other endocrine diseases: Obesity, Hypoglycemia, Endocrine-metabolic comas

▪ **Scienze infermieristiche e ginecologiche**

Family counseling

Skills of community midwife

The quality of obstetric care

Pathology midwife obstetric care

ectopic pregnancy

premature rupture of membranes

hypertension

TEXTBOOK INFORMATION

- **ENDOCRINOLOGY AND DERMATOLOGY - Module ENDOCRINOLOGY**

Endocrinologia: Malattie del Metabolismo. Autori vari. Edizioni Idelson-Gnocchi, Napoli. 2017. ISBN 8879476572

Uniendo. Lenzi A., Lombardi G., Martino E., Vigneri R. Minerva Medica. First edition. 2010. ISBN 13978-88-7711-693-2

- **Scienze infermieristiche e ginecologiche**

Pescetto- De Cecco- Pecorari - Manuale di Ginecologia e Ostetricia Ed. Seu 2009

Disciplina ostetrica MC Graw Hill
