

ANNOTATION
work program of the discipline
"Endocrinology"

Speciality	05/31/01 General medicine
Number of credits	In accordance with the RUP
Interim certification form (test/test with assessment/exam)	test

1. The purpose of studying the discipline

The purpose of studying the discipline is to provide the basics of endocrinology and teach students methods of clinical diagnosis, medical tactics, and provision of emergency care to patients with diseases of the endocrine system, which is necessary in working conditions in practical healthcare institutions.

2. Brief With maintaining discipline_

Section 1. Diabetes

Definition. Etiology. Diabetes mellitus type 1. The role of viral infection and autoimmune processes. Heredity. Lesions of the pancreas. Diabetes mellitus type 2. The role of insulin receptor resistance, heredity, obesity, counter-insulin hormones, pregnancy, stress, infection, purulent infection, overeating and physical inactivity. "The severity of the disease. The concept of compensation or decompensation, remission. Diagnosis and differential diagnosis of diabetes mellitus. Treatment

Section 2. Thyroid diseases

Diffuse toxic goiter. Etiology. Autoimmune mechanisms. Pathogenesis of the main symptoms. Clinic. Complications of thyrotoxicosis. The degree of enlargement of the thyroid gland. Diagnostics. Differential diagnosis of diffuse toxic goiter. Thyrotoxic adenoma. Autoimmune ophthalmopathy. Clinical manifestations. Diagnostics. Hypothyroidism. Primary, secondary, tertiary. Etiology. Pathogenesis. Symptoms of the main hypothyroidism syndromes. Rationale for the diagnosis of hypothyroidism. Diseases associated with hypothyroidism. Diagnosis and differential diagnosis of hypothyroidism. Thyroiditis. Autoimmune thyroiditis. Etiology. Pathogenesis. Clinical forms. Diagnosis. Principles of treatment. Subacute thyroiditis. Etiology. Pathogenesis. Clinic. Differential diagnosis. Diseases occurring under the guise of nodular goiter. Treatment.

Section 3. Adrenal diseases

Diseases of the adrenal cortex. Primary chronic insufficiency of the adrenal cortex (Addison's disease). Etiology and pathogenesis. Clinical manifestations and laboratory data. Diagnosis and differential diagnosis. Secondary cortical failure

adrenal glands. Pathogenesis. Features of clinical manifestations. Treatment. Acute adrenal insufficiency. Pathogenesis. Clinic. Treatment. Brain diseases substances of the adrenal glands. Pheochromocytoma. Clinical picture. Clinical forms diseases (paroxysmal, constant, asymptomatic). Diagnosis. Differential diagnosis. Forecast. Treatment.

Section 4. Pituitary gland diseases

Itsenko-Cushing's disease. Etiology and pathogenesis. Clinical picture. Diagnostic principles. Differential diagnosis. Principles of treatment. Sheehan and Simmonds syndromes. Pathogenesis, clinical manifestations, laboratory data. Differential diagnosis, principles of hormone replacement therapy. Acromegaly. Diagnostic principles and treatment. Dwarfism. Classification. Principles of diagnosis and treatment.

Palliative care concepts. Regulatory legal framework for providing palliative care.