

**ТЕМАТИЧЕСКИЙ ПЛАН ПРАКТИЧЕСКИХ ЗАНЯТИЙ ПО
ЭНДОКРИНОЛОГИИ ДЛЯ СУБОРДИНАТОРОВ ПО ПРОФИЛЮ
«ОБЩАЯ ВРАЧЕБНАЯ ПРАКТИКА» МФИУ, обучающихся на
английском языке (30 часов)**

1. Diabetes Mellitus

Diabetes Mellitus Type 1 and Type 2 in Terms of Analytical Epidemiology.
Insulin Resistance: The Main Component of Metabolic Syndrome and Associated Conditions.

Primary and Secondary Prevention of Diabetes Mellitus Type 1 and Type 2.
Modern Diagnostic Algorithm for Management of Patients with Diabetes Mellitus Type 1 and Type 2. Criteria of Effective Treatment.

Treatment of Diabetes Mellitus in Terms of Evidence Based Medicine.

New Remedies and Methods in Diabetes Mellitus and Obesity Treatment (Insulin Analogs, Dipeptidyl Peptidase-4 Inhibitor (Dpp-4), Glucagon-Like Peptide-1 Receptor Agonists (Glp-1 Analog), Sodium Glucose Cotransporter-2 Inhibitor (Sglt2), Insulin Pump, Daily Monitoring of Glycaemia, Transplantation).

Principles of Treatment Patients with Somatic Pathology Associated with Diabetes Mellitus.

2. Early and Late Complications of Diabetes Mellitus.

Late Complications of Diabetes Mellitus:

Diabetic Foot Syndrome. of Surgical Treatment Policy in Patients with Diabetes Mellitus.

Diabetic Nephropathy. Treatment of Patients with This Pathology.

Diabetic Retinopathy. Treatment of Patients with This Pathology.

Gestational Diabetes Mellitus.

Gestational Diabetes Mellitus: Diagnostic Criteria , Principles of Treatment and Pregnancy Attendance. Diabetes Pregnancy .

Early Complications of Diabetes Mellitus: Ketoacidosis, Hyperosmolar Coma, Lactic-Acidemic Coma. Pathogenesis. Clinical Characteristics. Diagnostics. Modern Principles of Treatment. Staging of Treatment.

Hypoglycemic Coma. Etiology. Pathogenesis at Various Stages. Clinical Symptoms of Hypoglycemia. Therapeutic Policy. Hypoglycemic Coma in Patients with Diabetes Mellitus. Prevention of Hypoglycemic Reactions.

3. Thyroid Disease.

Goiter Syndrome. Nodal Pathology of Thyroid Gland: Diagnostic and Medical Policy. Indications for Surgical Treatment.

Principles of Differential and Diagnostic Examination in Case of Goiter. Medical Checkup Scheduling for Patients with Nodal Goiter. Principles Of Supervision and Treatment Of Goiter Patients.

Principles of Supervision and Treatment of Patients upon Surgery and/or Radioiodine Therapy.

Prevention of Iodine Deficiency in Different Countries.

Differential Diagnostics of Thyroid Gland Hypofunction, Treatment Methods. Subclinical Hypothyroidism.

Hypofunction of Thyroid Gland: Differential Diagnostics, Algorithm of Examination and Treatment in Case of Hypothyroid Syndrome.

Subclinical Hypothyroidism: Concept and Criteria of Verification, Risk of Somatic Pathology Development and Expediency of Treatment Depending on Disease Manifestation Age o.

Principles of Management of Patients with Hypothyroidism when Planning for Pregnancy or Surgical Treatment.

Differential Diagnosis of Thyroid Gland Hyperfunction (Hyperthyroidism), Treatment Policy. Subclinical Hyperthyroidism.

Thyroid Gland Hyperfunction : Differential Diagnosis, Diagnostic Algorithm and Treatment Principles in Hyperthyroid Syndrome.

Subclinical Hyperthyroidism. Definition. Diagnostic Algorithm. Risk of Somatic Pathology Development. Treatment Policy Depending on Disease Manifestation Age.

Etiology, Pathogenesis, Diagnostic Algorithm, Graves' Disease Treatment, Toxic Adenoma. Treatment Expediency. Treatment Related Complications in Case of Graves' Disease.

Thyrotoxic Crisis: Etiopathogenesis, Clinical Manifestations, Diagnostics, Principles Of Rendering Emergency Aid at Various Stages. Prevention Of Thyrotoxic Crisis.

Hypothyroid (Myxedematous) Coma

4. Diseases of the Hypothalamic-Pituitary System. Adrenal Disease.

Hypopituitarism

Hypopituitarism: Reasons, Clinical Implications, Diagnosis and Treatment Policy.

Hypocortical Syndrome. Hypercortical Syndrome.

Reasons, Clinical Manifestations, Diagnosis and Treatment Policy.

Medical Emergencies in Case of Adrenal Insufficiency.

Acute Adrenal Insufficiency and Addisonian Crisis: Etiopathogenesis, Clinical Manifestations, Diagnostic Algorithm, Principles of Rendering Emergency Aid at Various Stages. Prevention of Addisonian Crisis in Case of Chronic Adrenal Insufficiency.

Arterial Hypertension of Endocrine Genesis: Reasons, Clinical Manifestations, Diagnosis And Treatment Policy.

Differential Diagnosis of Primary and Secondary Hyperaldosteronism.
Paragangliomas. Definition. Diagnosis. Treatment.

5. Endocrine Aspects of Reproductive Health.

Polycystic Ovary Syndrome: Reasons, Clinical Manifestations, Diagnosis
And Treatment Policy.

Congenital Adrenocortical Hyperplasia, Hyperprolactinemia.

Hypogonadism in Men and Women: Reasons, Clinical Manifestations in
Various Age Periods, Diagnosis, Differential Diagnosis, Definition of Therapeutic
Expediency Principles of Replacement Therapy.

Endocrine Abnormality Caused By Aging (Sexual Dysfunction, Osteoporosis Development)

Age Associated Sexual Dysfunction, Osteoporosis Development.

Menopausal Syndrome in Women. Estrogen and Progestin Therapy:
Indications, Contraindications, Side Effects.

Age Associated Androgenic Deficiency. Diagnosis, Treatment and
Prevention.

Classification of Osteoporosis. Definition of Primary and Secondary
Osteoporosis. Principles of Diagnosis and Management of Primary Osteoporosis
Forms. Secondary Osteoporosis Forms o in Case of Endocrine Diseases. Effect of
Vit.D and Its Metabolites.