

**TOPICAL PLAN OF THE PRACTICAL LESSONS ON ENDOCRINOLOGY
for the 4-th-year students**

№	Topic	Hours
1	Diabetes mellitus definition. Classification, etiopathogenesis. Clinical features and diagnosis of diabetes mellitus.	1
2	Diabetes mellitus type 1, 2:, differentiation diagnostic, clinical assessment, investigations.	2
3	Long-term (late) complications of diabetes mellitus: classification and diagnostic criteria of retinopathy, nephropathy, neuropathy. Clinical assessment, investigations.	2
4	Diabetic foot: classification and diagnostic criteria. Clinical assessment, investigations.	2
5	Management of chronic complication. Diabetes mellitus and pregnancy.	1
6	Management of type 2 diabetes mellitus. The diet. The oral hypoglycemic agents. Criteria of compensation.	2
7	The main principles of type 1 diabetes mellitus therapy. Insulin therapy. Insulin's Classification.	2
8	Regimens of insulin therapy. Complications of insulin therapy. Curation of a patient to fill in a case history.	1
9	Pathogenesis, diagnosis and treatment of hyperglycemic and hypoglycemic coma in patients with diabetes mellitus.	1
10	Acute states management. Defense of a case history.	1
11	Iodine deficiency. Diagnostic criteria. Clinical assessment, investigations and management. Iodine prevention. Definition "Thyroid struma".	2
12	Hyperthyroidism. Classification, etiopathogenesis, diagnostic criteria, treatment. Graves' disease. Endocrinal Ophthalmopathy. Hyperthyroid crisis.	2
13	Hypothyroidism: diagnostic criteria, complications, treatment. Thyroiditis: classification, differentiation diagnostic, clinical assessment, investigations and management. Myxoedema coma.	2
14	Thyroid nodules. Malignant tumors. Clinical assessment, investigations, differentiation diagnostic and management.	1
15	Hypoparathyroidism. Hyperparathyroidism. Diagnostic criteria. Clinical assessment, investigations and management.	1
16	Hypofunction of the adrenal cortex. Classification of adrenocortical insufficiency. Clinical assessment, investigations and management of the chronic adrenocortical insufficiency. Acute adrenocortical insufficiency. Congenital adrenal hyperplasia.	1
17	Hyperfunction of the adrenal cortex. Classification. Cushing's syndrome. Clinical assessment, differentiation diagnostic and treatment. Adrenal tumours. Pheochromocytoma. Aldosteronism. Clinical assessment, diagnostic criteria, treatment.	2
18	Hypothalamic and pituitary diseases. Hypopituitarism. Hypothalamic syndrome of pubertal period. Obesity. Acromegaly. Gigantism. Pituitary dwarfism. Diabetes insipidus. Syndrome of inappropriate ADH secretion. Prolactinoma. Clinical assessment, investigations and management.	2
19	Diseases of the Reproductive system. Delayed puberty. Sexual precocity. Disorders of sexual differentiation. Primary and secondary hypogonadism. The hermaphroditism. The menopause. Diagnosis and the differential diagnosis, management.	1
20	Control of the students' knowledge and skills	2
	Amount	30

**TOPICAL PLAN OF THE LECTURES ON ENDOCRINOLOGY
for the 4-h h-year students**

No	TOPIC	Hours
1	Diabetes mellitus definition and classification. Clinical features and diagnosis of diabetes mellitus. Topical questions chronic complications of diabetes mellitus. Achievements in the treatment of diabetes complications.	2
2	Advances in diabetes management. The history of the clinical care development and contemporary methods of the type 1, 2 diabetes mellitus treatment. Insulin and oral hypoglycemic agents. Acute complications of diabetes mellitus.	2
3	Diseases of the thyroid gland. Hyperthyroidism diagnosis, the differential diagnosis, prevention and management. Hypothyroidism. Thyroiditis. Hypothyroidism diagnosis, the differential diagnosis, prevention and management. Nodule goiter. Diseases of the parathyroid glands.	2
4	Suprarenal gland's diseases. Adrenocortical insufficiency. Hormone-active adrenal tumours.	2
5	Diseases of the hypothalamic-pituitary system. Cushing's syndrome.	2
	Amount	10