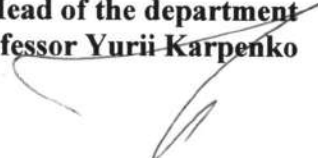


“Approved”
Head of the department
Professor Yurii Karpenko



Questions for preparation for the test
ACTUAL ISSUES OF ENDOCRINOLOGY

1. Etiology and pathogenesis of diabetes.
2. Type 1 diabetes mellitus: the role of viral infection and autoimmune processes, genetic predisposition.
3. Diabetes mellitus type 2: the role of genetic predisposition, obesity, external factors.
4. Classification of glycemia disorders, clinical forms of diabetes. Diabetes clinic.
5. The main clinical symptoms of diabetes.
6. Characteristics of internal organ damage in diabetes: cardiovascular system, hepatobiliary system, urinary organs, diabetic osteoarthropathy .
7. Diagnostic criteria for diabetes and other hyperglycemia.
8. The main methods of treatment of diabetes mellitus: diet therapy, dosed physical activity, sugar-lowering pharmacotherapy, teaching the patient self-control.
9. Oral hypoglycemic drugs.
10. Insulin therapy .
11. Classification of insulin preparations.
12. Calculation of the daily need for insulin.
13. Regime of insulin therapy: traditional and intensified insulin therapy .
14. Complications of insulin therapy : hypoglycemic states, insulin allergy, post-injection lipodystrophy , insulin resistance , chronic insulin overdose (Somoji syndrome), insulin edema.
15. Diabetic nephropathy: stages of development, diagnosis, differential diagnosis, treatment and prevention.
16. Diabetic retinopathy: stages of the process, diagnosis, prevention and treatment.
17. Diabetic neuropathy: classification, diagnosis and treatment.
18. Diabetic foot syndrome: classification, diagnosis, treatment algorithm.
19. Hypoglycemic coma, hypoglycemic conditions. Etiology, pathogenesis, clinic, diagnosis, treatment.
20. Ketoacidotic states with diabetic (hyperketonemic) coma. Etiology, pathogenesis, clinic, diagnosis, differential diagnosis, treatment.
21. Hyperosmolar (non-acidotic) diabetic coma.
22. Lactic acidosis and coma.
23. Manifestations of iodine deficiency.
24. Determination of the size of the thyroid gland. Age dynamics of gland volume.
25. Definition of the term "goiter". The concept of simple non-toxic and nodular forms of goiter.
26. Iodine prevention: mass, group, individual.
27. Etiology, pathogenesis, clinical manifestations of Grave`s disease, thyrotoxic and endocrine ophthalmopathy .
28. Medicinal and surgical treatment of toxic goiter, use of ¹³¹-iodine for therapeutic purposes.
29. Hypothyroidism: etiology, pathogenesis and clinical signs. Justification of the diagnosis.
30. Treatment of hypothyroidism.
31. Thyroiditis: classification, etiology, clinical course, diagnosis, treatment.
32. Pathomorphological classification of tumors of the thyroid gland.
33. Modern scheme of treatment of thyroid cancer patients.
34. Hyperparathyroidism. Clinic, clinical forms. Indications for surgical treatment. Drug therapy.
35. Hypoparathyroidism. Clinic. Diagnostics . Differential diagnosis. Treatment.

36. Chronic adrenal insufficiency (Addison's disease). Etiology, pathogenesis, clinic, diagnosis, prevention and treatment.
37. Acute adrenal insufficiency. Etiology, pathogenesis, clinic, diagnosis, prevention and treatment.
38. Corticosteroma , glucosteroma . Clinic, diagnosis and differential diagnosis, treatment.
39. Androsteroma . Clinic, diagnosis and differential diagnosis, treatment.
40. Primary hyperaldosteronism (Conn's syndrome). Clinic, diagnosis and differential diagnosis, treatment.
41. Pheochromocytoma. Clinic, diagnosis and differential diagnosis, treatment.
42. Acromegaly: etiology and pathogenesis, clinic, diagnosis and differential diagnosis, treatment.
43. Cushing's disease : etiology and pathogenesis, clinic, diagnosis and differential diagnosis, treatment.
44. Hyperprolactinemia syndrome : classification, etiology and pathogenesis, clinic, diagnosis and differential diagnosis, treatment.
45. Hypopituitarism: etiology and pathogenesis, clinic, diagnosis and differential diagnosis, treatment
46. Diabetes insipidus: etiology and pathogenesis, clinic, diagnosis and differential diagnosis, treatment.
47. Hypopituitarism with predominant somatotrophic insufficiency (pituitary dwarfism).
48. Pituitary gigantism: etiology and pathogenesis, clinic, diagnosis and differential diagnosis, treatment.
49. Shereshevsky-Turner syndrome .
50. Hermaphroditism syndrome.
51. Cryptorchidism.
52. Syndrome of mono- and anarchism .
53. Klinefelter's syndrome .
54. Disorders of sexual development in boys and girls.
55. Climax in women and men.

Head of educational part,
associate professor



O. V. Savelieva