

LF2 pathophysiology exam questions 2020

Under construction / Forgotten

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Last update: Monday, 21 Dec 2020 at 11.41 am.

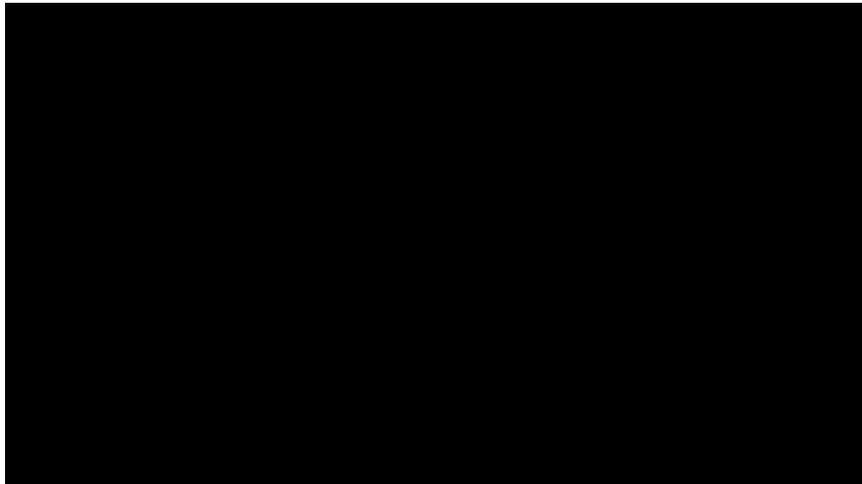
- Timestamps of the exact time of the video where the answer is hidden will be added soon.

GENERAL

1. Health, illness, death

2. Disorders of temperature control

3. Edema

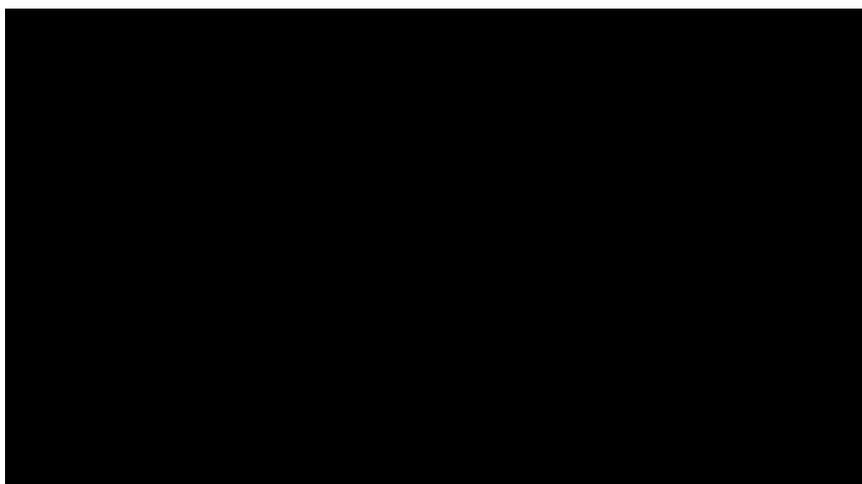


4. Concrements, colic

5. Icterus

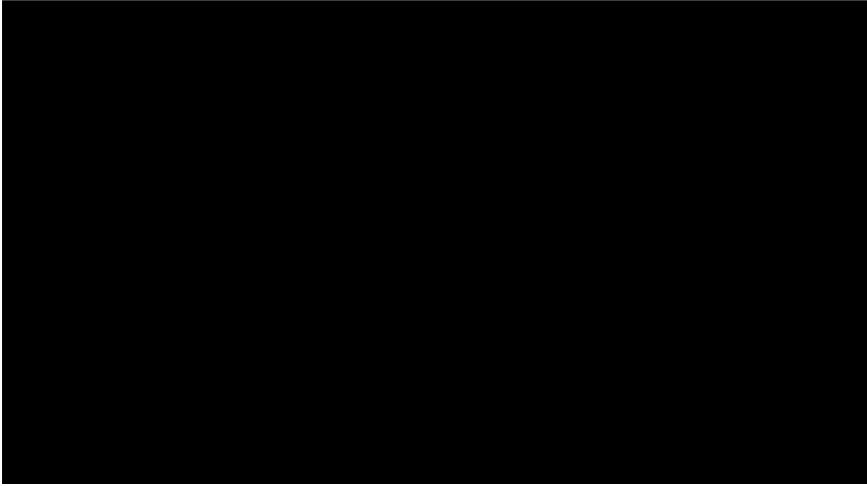
6. Acidosis

Hypoventilation/hypercapnia





MAC



RAC

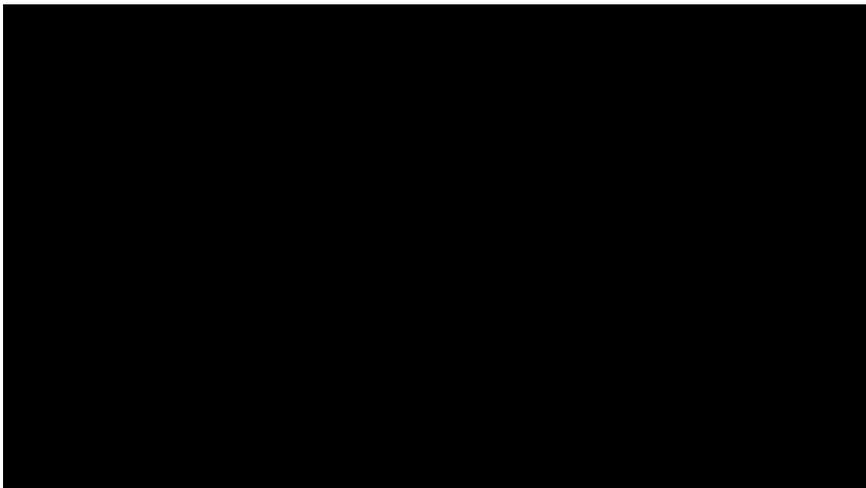


7. Alkalosis

MAL

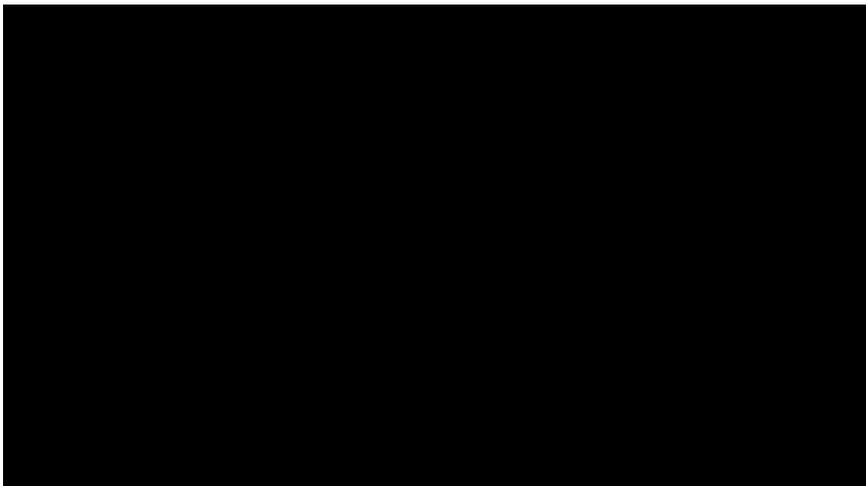


RAL



8. Hyperhydration

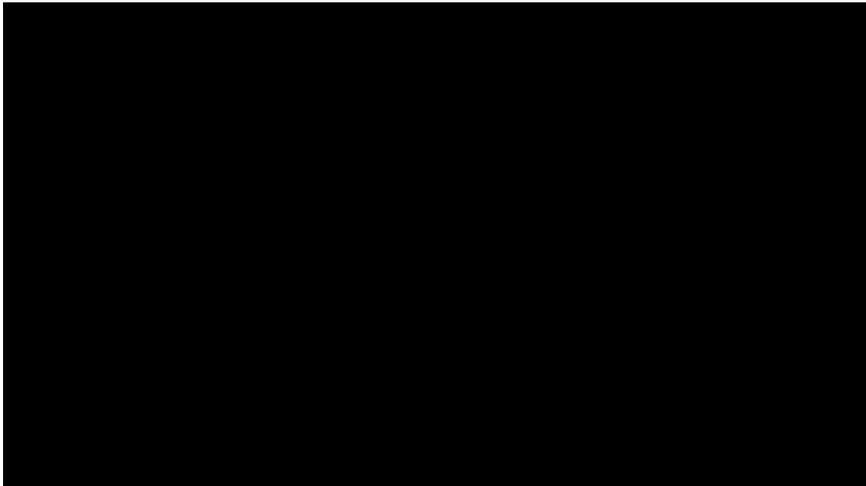
isotonic hyperhydration



hypotonic hyperhydration

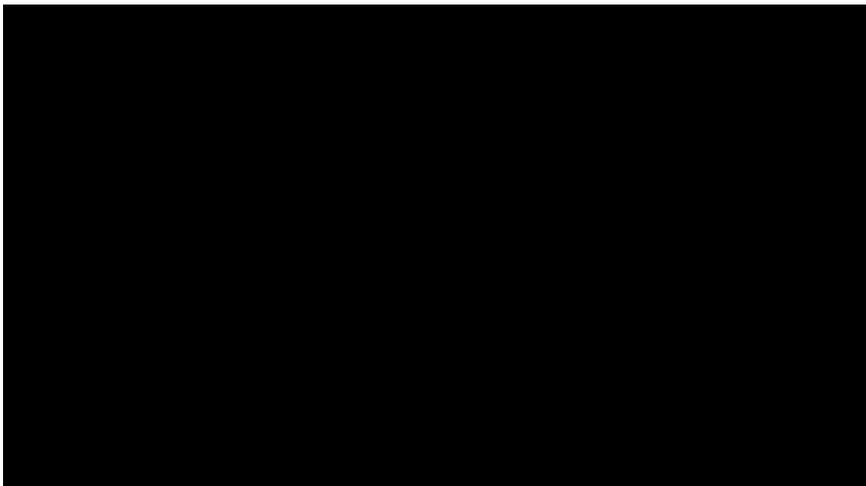


hypertonic hyperhydration

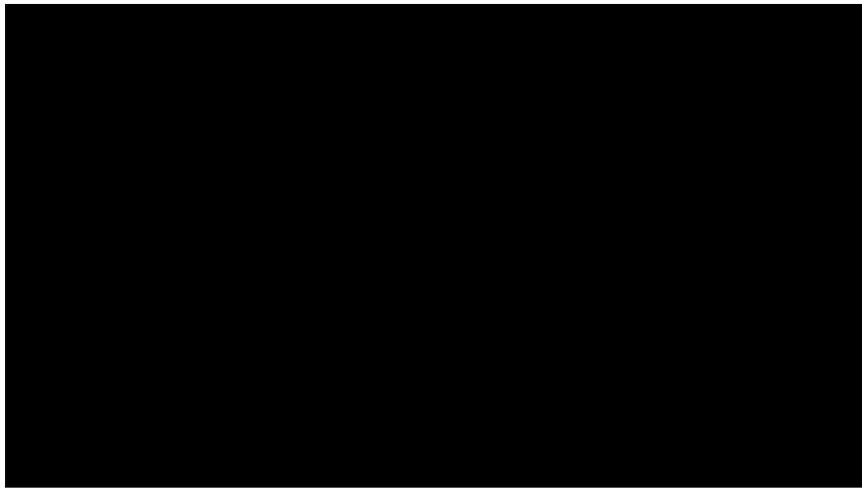


9. Dehydration

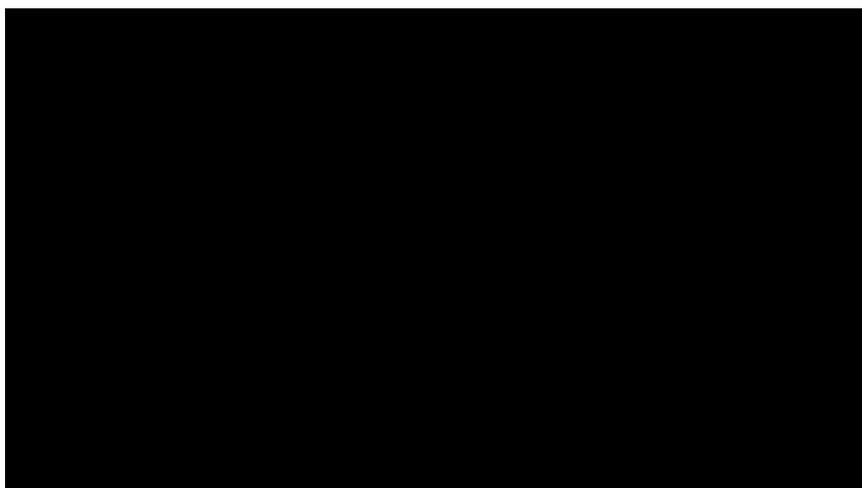
isotonic dehydration



hypotonic dehydration



hypertonic dehydration



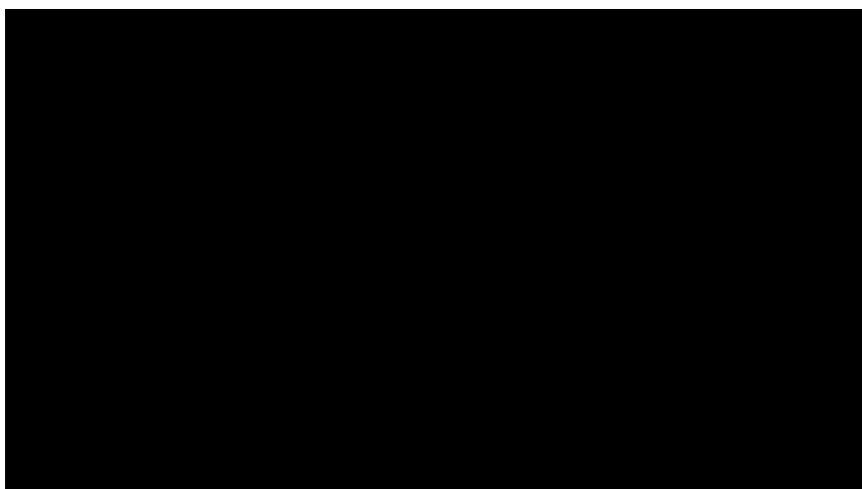
10. Disorders of K⁺ and Cl⁻ metabolism, relation to AB balance

11. Disorders of Ca, P metabolism

12. Classification of hypoxias

13. Intoxication

14. AB balance testing



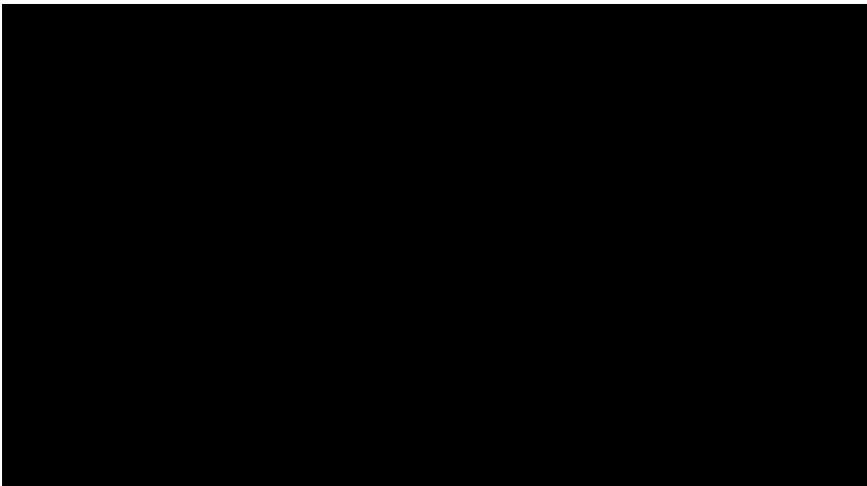


BLOOD

- 15. Anemic syndrome**
- 16. Anemias caused by erythrocytes loss**
- 17. Anemias caused by impaired hematopoiesis**
- 18. Hyperviscosity**
- 19. Disorders of hemostasis**
- 20. DIC**
- 21. Hematologic testing**

CIRCULATION

- 22. Pathophysiology of arteries**
- 23. Pathophysiology of capillaries and veins**
- 24. Primary arterial hypertension**
- 25. Secondary hypertension**





26. Hypovolemic shocks, compensatory mechanisms

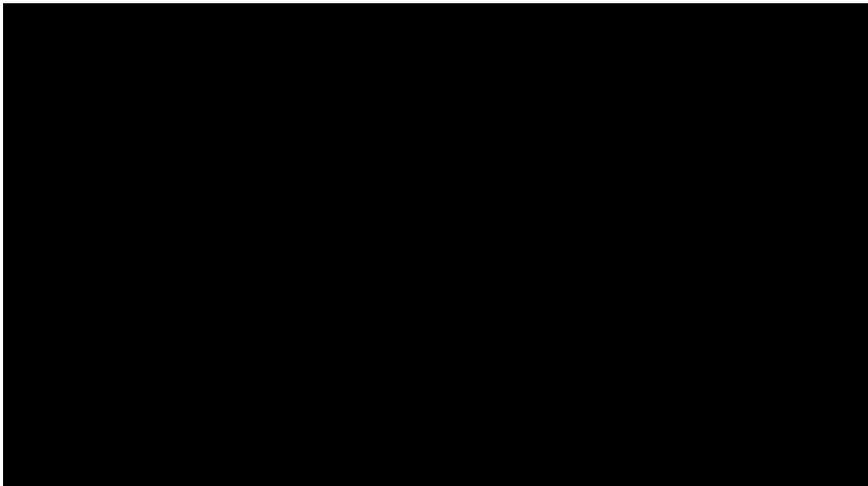
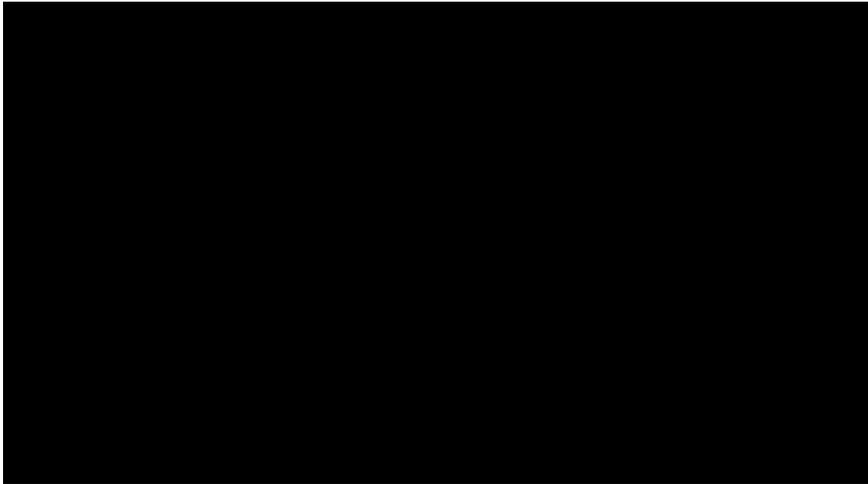
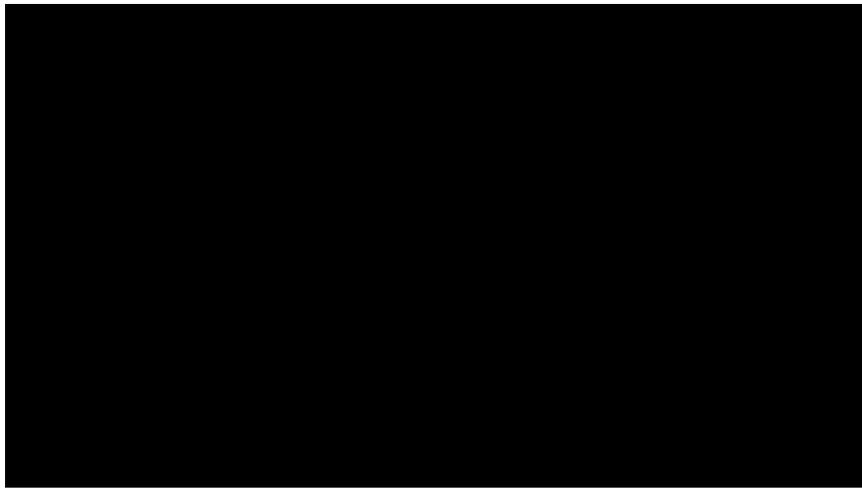


table comparing different types of shock



phases of shock



27. Distributive shocks

distributive shock

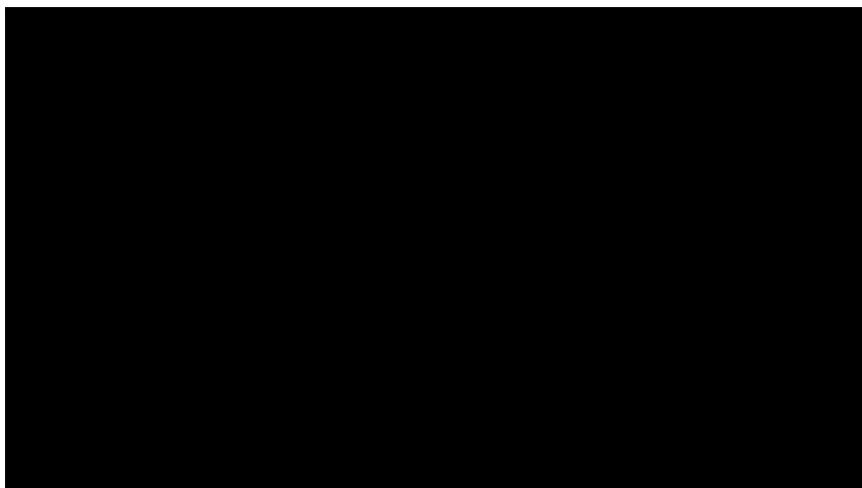
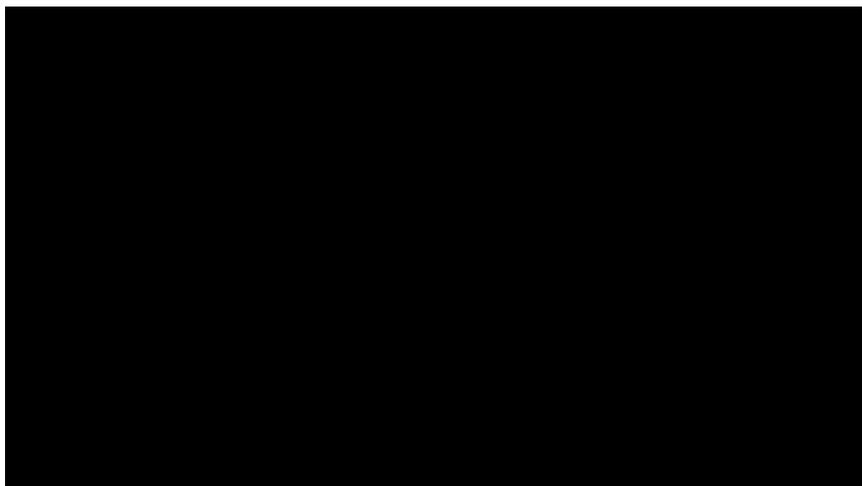


table comparing different types of shock

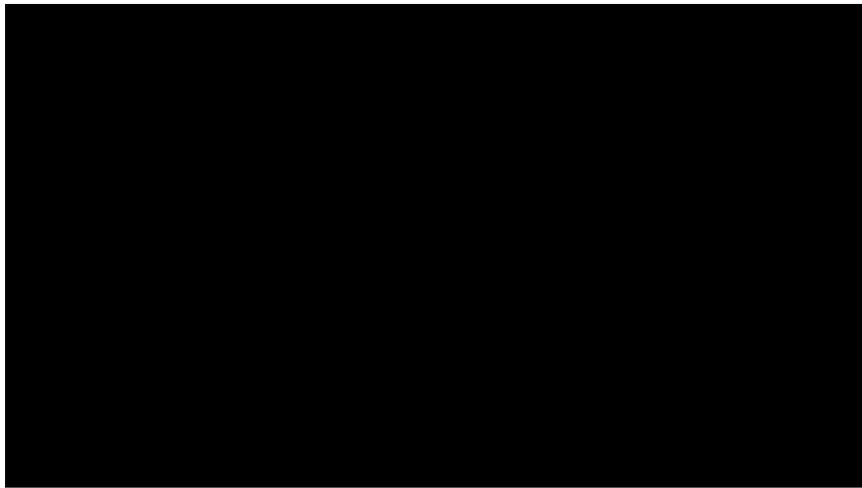


28. Acute heart failure

29. Chronic heart failure

30. Disorders of coronary circulation, clinical forms of ischemic heart disease

31. Acute myocardial infarction



- 32. Hemodynamics of valvular defects**
- 33. Hemodynamics of congenital heart defects**
- 34. Disturbances of impulse conduction in the heart and cardiac arrhythmias, including ECG findings**
- 35. Testing of cardiovascular system**
- 36. Characteristics of pathological ECG recordings**

KIDNEY

- 37. Disturbances of renal blood flow**
- 38. Disorders of glomerular filtration**
- 39. Disorders of tubular transport**
- 40. Nephrotic and nephritic syndrome**
- 41. Acute renal failure**
- 42. Chronic renal failure**
- 43. Disorders of urinary tract**
- 44. Dialysis: principles and effect**
- 45. Testing of renal function**

RESPIRATION

- 46. Changed compliance of lung and respiratory system**
- 47. Changed airway resistance**
- 48. Pneumothorax**
- 49. Defense lung reflexes**
- 50. Control of breathing in respiratory diseases**
- 51. Disturbances of alveolar ventilation, respiratory insufficiency**
- 52. Hypobarism, hyperbarism**

53. Artificial ventilation, oxygenotherapy

54. Inequalities of ventilation-perfusion ratio

55. Diffusion impairment, lung edema

56. Pulmonary embolism

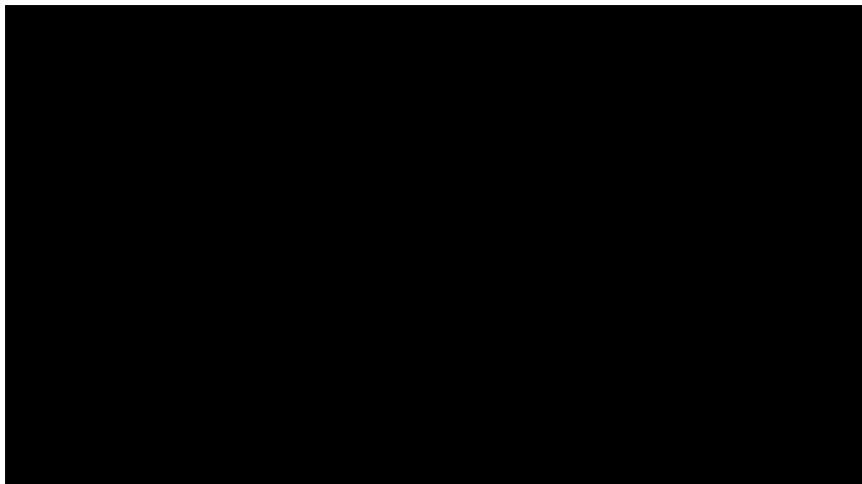
57. Pulmonary hypertension

58. Bronchial asthma



https://www.wikilectures.eu/w/Obstructive_and_restrictive_lung_diseases

59. Obstructive pulmonary diseases, especially COPD



https://www.wikilectures.eu/w/Obstructive_and_restrictive_lung_diseases

60. Restrictive pulmonary diseases

https://www.wikilectures.eu/w/Obstructive_and_restrictive_lung_diseases

61. Lung function tests

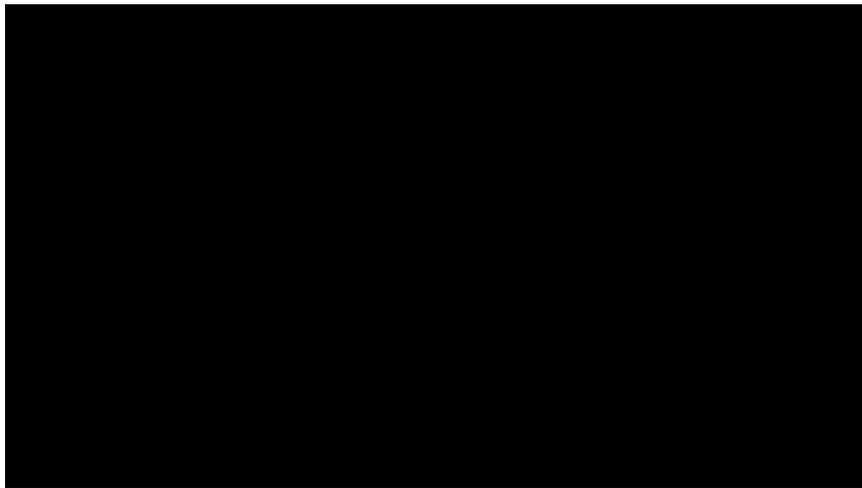
ENDOCRINOLOGY

62. Disturbances of hormonal regulations

63. Disorders of adenohipophysis

64. Cushing's syndrome

65. Addison's disease, disorders of mineralocorticoids



66. Disorders of adrenal medulla, stress

67. Hyperfunction of thyroid gland

68. Hypofunction of thyroid gland

69. Disorders of sex hormones in ontogenesis

70. Diabetes mellitus, classification and acute complications

71. Chronic complications of diabetes mellitus

72. Examination of endocrine glands

GIT, METABOLISM

73. Obesity

74. Metabolic syndrome, gout

75. Primary hyponutrition

76. Malabsorption syndrome

77. Consequences of vitamin deficiency, hypervitaminosis

78. Disorders of oesophagus and stomach

- 79. Vomiting, diarrhea**
- 80. Constipation, ileus**
- 81. Pancreatitis**
- 82. Liver failure**
- 83. Portal hypertension and ascites**
- 84. Examination of function of liver and pancreas**

NERVOUS SYSTEM

- 85. Upper motor neuron disorders (spastic paralysis)**
- 86. Lower motor neuron disorders (flacid paralysis)**
- 87. Spinal shock**
- 88. Disorders of neuromuscular junction and muscles**
- 89. Disorders of somatosensory sensation, pain**
- 90. Disorders of basal ganglia**
- 91. Cerebellar disorders**
- 92. Schizophrenia, mood disorders**
- 93. Syndrome of dementia**
- 94. Disorders of cerebral blood flow**
- 95. Intracranial hypertension and hypotension**
- 96. Brain edema, disorders of brain blood barrier**
- 97. Sleep disorders and disorders of consciousness**
- 98. Epilepsy and epileptic seizures**
- 99. Examination method in neurology**