"APPROVED"

Dean of Medical and Biological faculty Associate Professor S.U.Aliev.

"__" _____ 2024

CALENDAR AND THEME PLAN

2023-2024 academic year

Department: Pathological anatomy
Subject: Pathological anatomy
Faculty: General Medicine
Course: **3** semester: **VI**

Hours allocated per semester: **lectures** - 8 hours; **practical exercises** -26 hours

Lectures

№	Lecture Topics	Quantity teaching hours
	6- semester	
1	**Topic 1. Blood diseases.** Diseases of leukocytes, lymph nodes, spleen and thymus. Leukemia. Lymphadenitis. Splenomegaly. Congenital anomaly and tumors of the spleen. Thymus development disorders. Disease of red blood cells and bleeding disorders. Anemia. Hemorrhagic diathesis. Disseminated intravascular coagulation (DIC). Transfusion complications.	2
2	**Topic 2. Pulmonary diseases.** Pathology of the lungs. Congenital anomaly. Acute respiratory distress syndrome. Obstructive and restrictive diseases. Tumors. Vascular diseases. Lung infection. Lung transplant. Diseases of the pleura.	2
3	**Topic 3. Diseases of the genital organs.** Diseases of the male genital organs. Diseases of the female genital organs. Infections. Pathologies of the vulva, vagina, cervix and uterine body, fallopian tubes and ovaries. Gestational and placental disorders. Diseases of the mammary glands. Abnormal development. Inflammatory and tumor diseases.	2
4	**Topic 4. Endocrine diseases.**	

	Thyroid diseases. Goiter, classification, pathological anatomy. Diabetes mellitus, classification, pathogenesis, pathological anatomy, complications. Pituitary tumors. Diseases of the adrenal glands.	2
	Total	**8 hours**

№	Practice Topics	Volum of teachin hours
	6- semester	
1	**Topic 1.** Leukemia. Lymphadenitis. Splenomegaly. Thymus development disorders. Thymus enlargement. Red blood cell diseases and bleeding disorders. Anemia. Hemorrhagic diathesis. Disseminated intravascular coagulation (DIC). Transfusion complications.	2
2	**Topic 2.** Pathology of the lungs. Congenital anomaly. Acute respiratory distress syndrome.	2
3	**Topic 3.**Pathology of the lungs. Vascular diseases. Acute lung infections. Lung transplantation.	2
4	**Topic 4.** Pathologies of the gastrointestinal tract. Congenital anomaly. Esophagitis. Acute and chronic gastritis. Gastric polyposis and tumors.	2
5	**Topic 5.** Ischemic intestinal disease. Malabsorption and diarrhea. Infectious enterocolitis. Intestinal tumors.	2
6	**Topic 6.** Pathologies of the liver and biliary tract. General information about liver diseases. Infectious diseases (viral, bacterial, parasitic hepatitis).	2
7	**Topic 7.** Liver damage under the influence of toxic and medicinal drugs. Liver tumors.	2
8	**Topic 8.** Kidney diseases. Abnormal development. Glomerulopathies.	2
9	**Topic 9.** Tubulointerstitial disease. Kidney tumors. Obstructive uropathy.	2
10	**Topic 10.** Diseases of the urinary tract and male genital organs.	2
11	**Topic 11.** Diseases of the female genital organs. Infections. Pathologies of the vulva, vagina, cervix and uterine body, fallopian tubes and ovaries. Disorders of pregnancy and placenta.	2
12	**Topic 12.** Diseases of the mammary glands. Abnormal development. Inflammatory and tumor diseases.	2
13	**Topic 13. Diseases of the endocrine system.**	2
	Total	**48 hour**

Recommended laboratory exercises:

Training topics	Number of hours
6-semester:	
Topic 1. Histochemical staining methods. Concept and types.	2
Topic 2. Methods for identifying fibers in tissues (Van Gieson staining method).	2
Topic 3. Staining of elastic fibers using the Weigert resorcinol-fuchsin method.	2
Topic 4. Methods for determining lipids in tissues (Sudan 3) and staining techniques.	2
Topic 5. Technique for dyeing fabrics using the CHIC reaction method.	2
Total	**10**

Responsible for educational work,

Doctor of Medical Sciences,

Associate Professor: **E.A. Eshbayev**

Head of the Department,

Doctor of Medical Sciences, Professor : **Kh.Z. Tursunov**