

Ankara Üniversitesi
Kütüphane ve Dokümantasyon Daire Başkanlığı
Açık Ders Malzemeleri

Ders izlençe Formu

Dersin Kodu ve İsmi	VME314- PATHOLOGY III
Dersin Sorumlusu	Prof. Dr. Rifki HAZIROĞLU, Prof. Dr. Sevil ATALAY VURAL, Araş.Gör.Dr. Gözde YÜCEL TENKEKİ, Araş.Gör.Dr. Arda Selin TUNÇ
Dersin Düzeyi	Lisans
Dersin Kredisi	3
Dersin Türü	Zorunlu
Dersin İçeriği	<p>NERVOUS SYSTEM PATHOLOGY Central Nervous System Malformations Prosencephalome Duplications Microencephalia Corpus Callosum Agenesis Cystic Septum Pellucidum Holoprosencephalia Dysraphism Segmental aplasia and hypoplasia of m.oblangata Hydrocephalus Hydranencephaly Porencephaly Cerebellar Defects NERVOUS SYSTEM PATHOLOGY Viral infections causing developmental disorders Storage Disorders Inheritance Strorage Disorders Toxic Vegetative Storage Disorders Cytopathology of nervous system Neuron Glial Cells Vessels Increasing in İntracranial Pressure, brain swelling and edema NERVOUS SYSTEM PATHOLOGY Circulation disorders İschaemic Lesions Haemorrhagic Lesions Microcirculatorical Lesions Brain Trauma Concussion (Commotio Cerebri) Contusion (Contusio Cerebri) Laceration Cranial Fractures Spinal Cord Injury Degenerations of Nervous System Meninges Choroidal Plexus Atrophia in Brain and Spinal cord - Anoksia and Poisons Causing Anoksia Malacia and Malacic Disease Neurodegenerative Disorders Myelinopathies Spongiophorm Myelinopathies NERVOUS SYSTEM PATHOLOGY Central Nervous System Inflammations Pyogenic Infections of Nervous System Viral Infections of Nervous System Several Inflammatory Disease Protozoal Infections Parasiter Infestations Neoplastic Disease of Central Nervous System URINARY SYSTEM PATHOLOGY Kidney Examinations of Kidneys Macroscopical Examination Histological Examination Kidney Biopsy Kidney Disease, Kidney Failure ve Üremia Developmental Anomalia Kidney Cysts Familial Kidney Diorders Circulatory Disorders Hyperemia in kidney and haemorrhagia Infarctus in kidney Cortical necrosis and acute tubular necrosis Medullar necrosis Hydronephrosis Glomerular Disease Glomerulonephritis Histological Changes Pathogenesis of Generalise Glomerulonephritis Immunological Injury Mechanism of Glomerulus Incidency of Glomerulonephritis Morphology of Glomerulonephritis Amiloidosis Glomerular Lipidosis URINARY SYSTEM PATHOLOGY Tubuler Disorders Acute Tubular Necrosis Specific Functional Disorders in Tubulus Pigmentous Changes Hepatorenal Syndroms Glicogene Nefrosis Nephrogenic Diabetes Mellitus Hypochalemic nephropatia Several Tubular Disorders Tubulointerstitiel Disease Interstitiel Nephritis Pyelonephritis Hipercalcemic nephropathy Several Interstitiel Lesions Parasiter Lesions in Kidney Kidney Neoplasie Lower Urinary Tract Lower Urinary Tract Anomalies Acquiese Anatomical Changes Circulatory Disorders Urolithiasis İnflammation of Lower Urinary Tract Cystitis Enzootic Hematuria Tumors in Lower Urinary Tract Epithelial Tumor of Urinary Bladder Mesenchymal Tumor of Urinary Bladder Mix Tumors Unclassified Tumors Secondary Tumors MAMMARY DISEASE PATHOLOGY Anomalia Circulatory Disorders İnflammation Disease Pathogenesis Classification of Mastitis Mastitis in Cows Streptococcal Mastitis Staphylococcal Mastitis Coliform Mastitis Summer Mastitis Mycoplasmal Mastitis Mammary Tuberculosis in Cows Several Infections Mastitis in Sheeps and Goats Mastitis in Dogs and Cats Mastitis in Pigs Hyperplastic and Dysplastic Changes in Mammary Gland Ductal Ectasia and Hyperplasia Fibroadenomatous Hyperplasia Lobullary Hyperplasia Mammary Gland Tumors Benign Tumors Carcinoma Sarcoma Malignant Mix Tumor GENITAL SYSTEM PATHOLOGY Female Genital System Developmental Anomalies Freemartinism Ovarium Several Lesions Ovarian Cysts Ovarian Neoplastic Disease Oviduct Hydrosalpynx Salpingitis Pyosalpynx Uterus Acquiese Relocation Circulatory Disorders Atrophical, Metaplastical and Proliferative Lesions İnflammatory Disease of Uterus Endometritis Metritis Metritis ve Result of Endometritis Chronic Endometritis Uterus</p>

Abscess Parametritis and Perimetritis Salpingitis Pyometra Pyometra in Dogs Pyometra in Cats Pyometra in Cows Pyometra in Mares Special Disease of Uterus Necrobacillosis Tuberculosis Staphylococcal Granuloma Disease of Pregnant Uterus Embryonal Dead Fetal Dead Mummification of Fetus Masseration of Fetus and Emphysema GENITAL SYSTEM PATHOLOGY Placenta and Disorders in Fetal Liquids Prolonged gestation Abortus ve Still Birth Brucellosis Campylobacter Infections Listeriosis Leptospira Infections Ureaplasma Diversum Infections Actinomyces Pyogenes Infections Salmonella Infections Yersinia Infections Hemophilus Infections Chlamidia Infections Coxiella Infections Miscellenous Bacterial Infections in Mares Mycotic Abortus in Cows Toxoplasmosis Neospora Infections Sarcocystitis Infections Genital Trichomoniasis Swine Cholera Bovine Viral Diarrhae Disease Border Disease Equine Viral Arteritis Bovine Parvovirus Infections Swine Parvovirus Infections Canine Minute Virus Infections Bluetongue disease Epizootic Haemorrhagic Disease Canine Herpesvirus Infections Swine Herpesvirus-1 Infections Swine Cytomegalovirus Infections Bovine Herpesvirus Infections Bovine Herpesvirus-4 Infections Equine Herpesvirus-1 Infections Viral Infections of Fetus Bovine Epizootic Abortus Miscellaneous Lesions of Postpartum Uterus Cervix Vagina and Vulva GENITAL SYSTEM PATHOLOGY Vulvar Swelling in Pigs (Tumefaction, Vulvovaginitis) Inflammatory Disease of Vagina and Vulva Granular Venereal Diseae Infectious Cervicovaginitis and Epididymitis of Cattle Infectious Pustular Vulvoganitis of Cattle Necrotic Vaginitis ve Vulvitis Durinne Neoplastic Disease of Tubular Genital Organs Male Genital System Inflammation of Penis ve Preputium (Balanopostitis) Neoplastic Disease of Penis and Preputium Testes Developmental Anomalies Circulatory Disorders Degenerations Inflammations Neoplastical Disease Epididymis Developmental Anomalies Inflammations Several Lesions Funiculus spermaticus Anomalies Circulatory Disorders Inflammations Vesicula seminalis ve ampulla Developmental Anomalies Inflammations Prostat ve glandula bulbouretralis Developmental Anomalies Inflammations Metaplasia and hyperplasia Neoplastic Disease SKIN DISEASE PATHOLOGY Dermatohistopathology Epidermal Changes Dermal Changes Several Changes Cellular Infiltrations Dermal Reactions Perivascular Dermatitis Interface Dermatitis Vasculitis Nodular and Diffuse Dermatitis Intraepidermal Vesicular and Pustular Dermatitis Subepidermal Vesicular and Pustular Dermatitis Perifollikülitis, Folliculitis, Furunculosis Fibrotic Dermatitis Panniculitis Atrophic Dermatozis Mix Reactions Congenital and Hereditary Disease of Skin Epitheliogenesis Imperfecta (Perodermi) Ichthiosis Hereditary Zinc Deficiency Congenital and Late Starting Hypotrichosis Hypotrichosis Related ve Pigmentous Changes Hypertrichosis (Hirsitismus) Epidermolysis Bullosa Familial Canine Dermatomyositis Hereditary Collagen Displasia Dermatoses Vegetans Dermatofibrosis in German Shephard Dog Collagenous Disorders in Pulvinal Bag of German Shephard Dog SKIN DISEASE PATHOLOGY Epidermal Differentiation Disorders Seborreic Skin Disease: Primer Idiopathic Seborreic Acne Schnauzer Comedo Syndrome Tail Gland Hyperplasia Nasodigital Hyperkeratosis of Dogs Keratosis Granulomatouse Sebaceous Adenitis Dermatoses Responding To A Vitamine Psoriasiform Exfoliative Dermatoses Pigmentation Disorders Hyperpigmentation Foca Macular Melanosis Akromelanism Achantosis Nigrican of Dogs Leucoderma ve Leucotricha Hereditery Hypopigmentation Acquired Hypopigmentation Physicochemical Disease of Skin Physical Injury of Skin Mechanical, friction, traumatic-physicogenic injury Injury Dependent on Cold Injury Dependent on Hot Chemical Injury of Skin Actinic Disease of Skin Direct Effect of Solar Radiation Photosynsitisation Nutritional Disease of Skin Protein-Calori Deficiencies Lipidic Acid Deficiency Hypovitaminosis and Dermatoses Responding to Vitamine Mineral Deficiency Endocrinal Disease of Skin Immun Mediated Dermatoses Hypersensitivitic Dermatoses Autoimmun Dermatoses Other Immun Mediated Dermatoses Viral Disease of Skin Bacterial Disease of Skin Mycotic Disease of Skin Protozoal Disease of Skin Algc Disease of Skin Helmintic Disease of Skin Several Skin Disorders Neoplastic Disease of Skin HEMOPOIETIC SYSTEM PATHOLOGY Blood Hemopoiezis disturbances Eritropoiesis disturbances Trombocytopoiesis ve blood coagulation disturbances (Trombocytopenie ve trombositis) Granulocytopoiesis disturbances (Neutrophyle, eosinophyle and basophyle disturbances) Monocytic disturbances Chediak-Higashi Syndrome Lymphocytic disturbances Anemia General morphological findings Classification of Anemia Morphological and Clinicopathological Findings in Acute and Chronic Anemia Haemorrhagic anemia Hemolytical anemia Hereditary hemolytic anemia Hereditary stomotositis Familial Basenji Porphyria Congenital porphyria Immunoheolytic anemia Isoimmun

	<p>hemolytic anemia Faulty blood transfusion Neonatal hemolytic anemia (blood incompatibility) Isoimmun anemia of Foals Isoimmun anemia of Cattle Hemolytic anemia of Pig Immun allergic hemolytic anemia Exogen causes Autoimmun hemolytic anemia Lupus eritematosus HEMOPOIETIC SYSTEM PATHOLOGY Infectious Hemolytic Anemias Infectious anemia of horses Leptospirosis Piroplazmosis Theileriosis Babesiosis Anaplasmosis Eritrozoonosis Hemoartonellosis Feline infectious anemia Ehrlichiosis Tick borne fever Sığirlarda petechial fever Tripanozomiazis Nagana Surra Tripanosomiasis in Cattle Chagase Toxical hemolytical anemia General Findings Morphological Findings in Organs Copper Toxication Dependent on Hemoglobin Congenital Toxic Methaemoglobinemia Nitrate, nitrite, chlorate, phenotiasine and vegetative toxication Postpartum hemoglobinemia Anemia Dependent on Erythrocyt Deficiency Aplastical pancytopenia Myelophytic anemia Toxical Infectious Stahibotriotoksicosis Uremia Endocrinal disorders Radiation Nutritional anemia Copper deficiency Falling disease Trombocyte and factor disturbances Haemorrhagic diatesis Purpura haemorrhagica Nontrombocytopenic purpura Trombocytopenic purpura Hereditary trombocyt defect Factor defect Acquired coagulopathies HEMOPOIETIC SYSTEM PATHOLOGY Hemopoietic Organ Disease Spleen Congenital anomalies Splenic rupture Splenic torsion Splenic atrophy Degenerative Changes and Accumulation in Spleen Amiloid accumulation Hyalinosis Hemocyderine accumulation Hemocyderosis Uricosis Circulatory Disorders in Spleen Anemia in Spleen In general anemia In local anemia Changes Related to Extramedullar Hemopoiesis Etiopathogenesis of active, passive hyperemia Morphological findings Trombosis and embolie Splenic hyperplasia Pulpouse hyperplasia Follicular hyperplasia Nodular hyperplasia Inflammation in Spleen (Splentitis) Acute hyperplastic Infectioous Paratyphus of Calf Pneumococcosis of Calf Gelatinous Splenic Swelling Anthrax Purulent tendency (with abcess-apeustomatosis) Chronic fibroblastic Other Lymph nodes Congenital and Acquired Disorders Emphysema Cysts Atrophy Hyperplasia Degeneration and accumulations (amiloid, pigmentouse) Inflammations (Lymphadenitis) Lymphadenitis simplex Sinus catarrh Lymphadenitis prulenta Lenfadenitis necroticans, hemorrhagica Granulomatouse lymphadenitis Tuberculosis Corynebacterium pseudotuberkulosis Atypical mycobacterial infections Glanders (Malleus) Melioidosis Mycotic infections Parasytic Disease HEMOPOIETIC SYSTEM PATHOLOGY Thymus Congenital and acquired changes Cyst, aplasia, hyperplasia, atrophia, hyperplasia Diseases in Thymic Deficiencies Congenital Immun Deficiencies Combined Immun defect in Arap Horses Agammaglobulinemia Combined Immun Deficiencies Acquired Immun Deficiencies Degenerative Disorders Circulatory Disorders Diapedesis and rhexis haemorrhagie Inflammations Immunologic inflammation of Thymus :Myastenia Gravis Infectious Inflammations of Thymus Hyperplastic and Neoplastic Disease Thymic Hiperplasia Neoplastic Disease of Thymus Bursa Fabricius Metabolism disorders, degeneration and atrophy Circulatory disorders Disease Gumboro (Infectious bursitis) Marek Disease Bone Marrow Changes in Anemia Neoplasms of Haemopoietic System Myeloid Neoplasies Leucosis Leucemic Aleucemic Bovine leucosis Enzootic bovine leucosis Leucose types in Poultry Feline leucosis Bone Marrow Hyperplasia Erythroblastic Hyperplasia Leukoblastic Hyperplasia Bone Marrow Hipoplasia Agranulositosis Osteomyelitis Bone Marrow Fibrosis Stem Cell Disorders</p>
Dersin Amacı	Etiopathogenesis of disorders and basic knowledge about its morphogenesis.
Dersin Süresi	2T+2U/Haftalık
Eğitim Dili	İngilizce
Ön Koşul	-
Önerilen Kaynaklar	<ol style="list-style-type: none"> 1. Genel Patoloji, C. Köküslu, Medisan Yayınevi, Ankara,1996. 2. Jubb, Kennedy & Palmer's Pathology of Domestic Animals, M.G. Maxie, 3-Volume Set, 5th Edition, 2007 3. Mechanisms of Disease A Textbook of Comparative General Pathology, D.O. Slauson, B.J. Cooper, Mosby Inc., 3rd edition, 2001. 7 4. Pathologic Basis of Veterinary Disease, M. D. McGavin , J. F. Zachary, Mosby Inc., 4th edition, 2006. 5. Thomson's Special Veterinary Pathology, M. D. McGavin, W. W. Carlton, J. F. Zachary, Mosby Inc., 3rd Edition, 2000. . 6. Veteriner Genel Patoloji, H. Erer, M. M. Kiran, M. K. Çiftçi, Konya, 2009. 7. Veteriner Patoloji, Ü. H. Milli, R. Hazıroğlu, 2 Cilt, Medipres, Ankara,2000.

Dersin Kredisi (AKTS)	4
Laboratuvar	-
Diğer-1	