

Syllabus

SEMIOTICS AND VETERINARY MEDICAL PATHOLOGY OF PETS (4 CFU; 48 hours: Teaching: 36 hours - Practice 12 [x4] hours)			
Objectives: at the end of the course the student acquires the ability to perform a clinical examination in pets and is aware of the major medical diseases of the dog and cat. In particular, the most common disorders of the digestive, respiratory, circulatory, nervous, endocrine and urinary system and skin in pets will be treated.			
Teaching			
Topics and skill acquired	General topics	Specific content	Hour
Opening lecture		How is organized the course, content, and methods of knowledge evaluation.	1
1. SEMIOTICS AND MEDICAL PATHOLOGY OF THE DIGESTIVE SYSTEM a) ability to correctly acquire the clinical signs related to diseases of the digestive tract in dogs and cats b) knowledge of the main diseases affecting the digestive system	Semiotics of digestive system	Clinical features most frequently associated with diseases of digestive system	1
	Medical pathology of digestive system	Mouth diseases	1
		Esophageal diseases	1
		Diseases of the stomach	1
		Bowel diseases	2
		Liver diseases	2
		Exocrine pancreatic diseases	2
2. SEMIOTICS AND MEDICAL PATHOLOGY OF THE RESPIRATORY SYSTEM a) ability to correctly acquire the clinical signs related to diseases of the respiratory system in dogs and cats b) knowledge of the main diseases affecting the respiratory system	Semiotics of respiratory system	Clinical features most frequently associated with diseases of respiratory system	1
	Medical pathology of respiratory system	Upper airway disorders	1
		Bronchial, pleural and lung diseases	2
3. SEMIOTICS AND MEDICAL PATHOLOGY OF THE CARDIOVASCULAR SYSTEM a) ability to correctly acquire the clinical signs related to diseases of the	Semiotics of cardiovascular system	Clinical features most frequently associated with diseases of cardiovascular system	1
	Medical pathology of cardiovascular system	Heart failure	3

<p>cardiovascular system in dogs and cats</p> <p>b) knowledge of the main diseases affecting the cardiovascular system</p>			
<p>4. SEMIOTICS AND MEDICAL PATHOLOGY OF THE HEMOLYMPHATIC SYSTEM</p> <p>a) ability to correctly acquire the clinical signs related to diseases of the hemolymphatic system in dogs and cats</p> <p>b) knowledge of the main diseases affecting the hemolymphatic system</p>	Semiotics of hemolymphatic system	Clinical features most frequently associated with diseases of hemolymphatic system	1
	Medical pathology of hemolymphatic system	Diseases of spleen, lymphnodes and bone marrow	1
<p>5. SEMIOTICS AND MEDICAL PATHOLOGY OF THE NERVOUS SYSTEM</p> <p>a) ability to correctly acquire the clinical signs related to diseases of the nervous system in dogs and cats</p> <p>b) knowledge of the main diseases affecting the nervous system</p>	Semiotics of nervous system	Clinical features most frequently associated with diseases of nervous system	1
	Medical pathology of nervous system	Neuromuscular diseases	1
		Diseases of the central nervous system	3
<p>6. SEMIOTICS AND MEDICAL PATHOLOGY OF THE SKIN</p> <p>a) ability to correctly acquire the clinical signs related to diseases of the skin</p> <p>b) knowledge of the main diseases affecting the skin</p>	Semiotics of the skin	Clinical features most frequently associated with diseases of the skin	1
	Medical pathology of the skin	Disease of the skin	1
<p>7. SEMIOTICS AND MEDICAL PATHOLOGY OF THE URINARY</p>	Semiotics of the urinary system	Clinical features most frequently associated with diseases of the urinary system	1

<p style="text-align: center;">SYSTEM</p> <p style="text-align: center;">:</p> <p>a) ability to correctly acquire the clinical signs related to diseases of the urinary system</p> <p>b) knowledge of the main diseases affecting the urinary system</p>	<p>Medical pathology of the urinary system</p>	<p>Diseases of kidney, ureters, bladder and urethra</p>	<p style="text-align: center;">2</p>
<p>8. SEMIOTICS AND MEDICAL PATHOLOGY OF THE ENDOCRINE SYSTEM</p> <p>a) ability to correctly acquire the clinical signs related to diseases of the endocrine system</p> <p>b) knowledge of the main diseases affecting the endocrine system</p>	<p>Semeotics and medical pathology of the endocrine system</p>	<p>Cushing's syndrome</p>	<p style="text-align: center;">1</p>
		<p>Endocrine causes of polyuria and polydipsia</p>	<p style="text-align: center;">1</p>
		<p>Diabetes mellitus</p>	<p style="text-align: center;">1</p>
		<p>Hypothyroidism</p>	<p style="text-align: center;">1</p>
		<p>Hyperthyroidism</p>	<p style="text-align: center;">1</p>