

**MODULO DIDATTICO 69932 :**

**Semeiotics and Surgical Pathology of Large Animals (3CFU)**

**C.I. 35539 : Semeiotics Pathology Anesthesiology and Veterinary Surgical Medicine**

Topic: <b>Semeiotics and Surgical Pathology of Large Animals (Module 2)</b> (8 hours of frontal lectures e 1 x [4] practice sessions) Dr. Giuseppe Spinella			
<b>Frontal Lectures</b>			
Topic and skills	Subjects	Specific Contents	Hours
Opening lecture "Course presentation"		Explanation about the course, topics, type of exam execution	<b>1</b>
1. Basic pathological processes	Inflammation Necrosis	Inflammation, infiltration, abscess, phlegmon, fistula, necrosis and gangren	<b>3</b>
2. Traumatic Surgical lesions of bones	Fractures	Definition, etio-pathogenesis, classification	<b>2</b>
3. Traumatic Surgical lesions of bones	Bone healing: physiology and pathology	First and second intension bone healing. Diseases of osseous callus. Pseudoarthrosis	<b>2</b>
<b>Practical lessons</b>			
Topics and skills	Subjects	Specific contents	jours
To acquire to the student experience about the clinical evaluation of large animals Moreover to improve the competence of the student related to identify the large animals disease of specific systems	Surgical clinical approach to the horse + clinical cases		<b>2</b>
	Surgical clinical approach to the bovine + clinical cases		<b>2</b>

<b>Topic: Semeiotics and Surgical Pathology of Large Animals (Module 1)</b> (16 hours of frontal lectures e 2 x [4] practice sessions) Prof. Noemi Romagnoli			
<b>Frontal Lectures</b>			
<b>Topic and skills</b>	<b>Subjects</b>	<b>Specific contents</b>	<b>Hours</b>
Opening lecture		Explanation about the course, topics, type of exam execution	<b>1</b>
1. Pathology of organs and apparatus	Bovine upper airways	Examination of bovine upper airways	<b>1</b>
2. Pathology of organs and apparatus	Equine upper airways	Examination of equine upper airways	<b>2</b>
3. Pathology of organs and apparatus	Bovine Muscular-skeletal apparatus	Lameness investigation and bovine podal disease	<b>3</b>
4. Pathology of organs and apparatus	Equine Muscular-skeletal apparatus	Equine lameness investigation	<b>2</b>
5. Pathology of organs and apparatus	Bovine digestive apparatus	Oesophageal obstructions and pre-stomachs	<b>1</b>
6. Pathology of organs and apparatus	Bovine digestive apparatus	Abomasum disease: aetiology, clinical evaluation and treatment	<b>3</b>
7. Pathology of organs and apparatus	Equine digestive apparatus	Clinical evaluation of the equine with colic syndrom	<b>1</b>
8. Pathology of organs and apparatus	Urogenital apparatus in bovine and horses	Clinical evaluation of the equine and bovine omphalitis	<b>1</b>
<b>Esercitazioni</b>			
<b>Topic and skills</b>	<b>Subjects</b>	<b>Specific contents</b>	<b>Hours</b>
To acquire to the student experience about the clinical evaluation of large animals Moreover to improve the competence of the student related to identify the large animals disease of specific System	Clinical evaluation of bovine and equine upper air way		<b>2</b>
	Clinical evaluation of bovine and equine		<b>4</b>

	muscular/skeletal apparatus		
	Clinical evaluation of bovine and equine digestive system		<b>2</b>