

Syllabus
Prof. Roberto Chiocchetti

<p>TOPOGRAPHIC VETERINARY ANATOMY I (2 CFU)</p> <p>22 hours: 14 hrs of frontal lessons and 8 hrs of practical lessons</p>
<p>Learning goal of the course: at the end of the course the student will know the topography of the regions of the thoracic and pelvic limbs. Of each region the Student will recognize bones, joints, muscles, blood vessels and nerves.</p>

Lectures			
Topics and skills	Subjects	Specific contents	Hours
<p>1. TOPOGRAPHIC ANATOMY OF THE THORACIC LIMB (TOT. 8 HRS)</p>	Generality of the Course	Description of the Course programm. Didactic material (power point files) provided by the teacher. Suggested books. The conduct of the final examination.	0.5
	Regions of the thoracic limb of cat, dog and horse	Omobrachial region (and subregions): limits and relationships, stratigraphy. Bones, the shoulder joint and superficial and deep muscles of the scapula and humerus.	1
		Elbow region: limits and relationships, stratigraphy. Bones, the distal humerus and elbow joint, muscles..	0,5
		Forearm region: limits and relationships, stratigraphy. Bones, radius-ulna joint, forearm muscles.	0,5
		Carpus region: limits and relationships, stratigraphy. Bones, carpal joints, muscles.	0,5
		Metacarpus region: limits and relationships, stratigraphy. Bones, muscles	0.5
		Regions of the finger/s: metacarpophalangeal joint (fetlock), pastern and hoof. limits and relationships, stratigraphy. Bones, Joints and muscles.	0,5
		Arteries of the thoracic limb	Arteries of the thoracic limb: from the omobrachial region (axillary artery) to the hoof.
	veins of the thoracic limb	Veins of the thoracic limb: from the hoof to the omobrachial region.	0,5
	Nerves of the thoracic limb	Brachial plexus nerves; nerves innervating the thoracic limb. From the omobrachial region to the hoof.	2

2. TOPOGRAPHIC ANATOMY OF THE PELVIC LIMB (TOT. 6 ORE)	Regions of the pelvic limb of cat, dog and horse	Gluteal region: limits and relationships, stratigraphy. Bones, joints, and gluteal muscles.	0,5
		Femoral (thigh) region: limits and relationships, stratigraphy. Bone and femoral muscles.	0,5
		Knee region: limits and relationships, stratigraphy. Bones, knee joint, and muscles.	0,5
		Leg region: limits and relationships, stratigraphy. Bones, knee joint, and muscles.	0,5
		Tarsus region: limits and relationships, stratigraphy. Bones, joints, and muscles.	0,5
		Metatarsal region: limits and relationships, stratigraphy. Bones, joints, and muscles.	0,5
	Arteries of the pelvic limb	Arteries of the pelvic limb: from the gluteal region (iliac arteries) to the hoof.	1,5
	Veins of the pelvic limb	Veins of the pelvic limb: from the hoof to the gluteal region.	0,5
	Nerves of the pelvic limb	Lumbosacral plexus; nerves innervating the pelvic limb. From the gluteal region region to the hoof.	1
Practical lessons			
Topics and skills	Subjects	Specific contents	Hours
3. ABILITY TO RECOGNIZE AND DETECT THE REGIONS OF THE THORACIC LIMB AND THE STRUCTURES WHICH THEY CONTAIN (TOT. 4 ORE)		Recognition and dissection of the regions of the thoracic limb. Detection and deduction of the topographical relationships of the structures contained in the thoracic limb, with attention to muscles, vessels and nerves.	4
4. ABILITY TO RECOGNIZE AND DETECT THE REGIONS OF THE PELVIC LIMB AND THE STRUCTURES WHICH THEY CONTAIN (TOT. 4 ORE)		Recognition and dissection of the regions of the pelvic limb. Detection and deduction of the topographical relationships of the structures contained in the pelvic limb, with attention to muscles, vessels and nerves.	4