

Contents

Preface	1
Chapter 1: Skin	
1. The external Skin (common integument)	2
Chapter 2: Thoracic Limb	
1. The Skeleton of the Thoracic Limb	4
2. Topography of the Thoracic Limb (Nerves and Muscles)	6
3. Cutaneous Innervation, Blood Vessels, and Lymphatic Structures of the Thoracic Limb	8
4. Vessels, Nerves, and Deep Fascia of Carpus, Metacarpus, and Digit	10
5. The passive Stay-apparatus of the Thoracic Limb	12
6. Synovial Structures of the Thoracic Limb	14
Chapter 3: Pelvic Limb	
1. The Skeleton of the Pelvic Limb	16
2. Topography of the Pelvic Limb (Nerves and Muscles)	18
3. Skin Innervation, Blood, Vessels, and Lymphatics of the Pelvic Limb	20
4. Vessels, Nerves, and deep Fascia of Tarsus, Metatarsus, and Digit	22
5. Passive Stay-Apparatus of the Hindlimb, also Hoof and Contents	24
6. The Hoof (Ungula)	26
7. Suspensory Apparatus of the Coffin Bone (Distal Phalanx), Vessels and Nerves of the Hoof	28
8. Synovial Structures of the Pelvic Limb	30
Chapter 4: Head	
1. Skull and Dentition	32
2. Skull with Teeth and Paranasal Sinuses	34
3. Supf. Veins of the Head, Facial nerve (VII) and Muscles supplied by the Facial Nerve	36
4. Trigeminal Nerve (V-3 and V-2), Muscles of Mastication, Salivary Glands, and Lymphatic Structures	38
5. Adnexa of the Eye	40
6. The Eye	42
7. Nose and Nasal Cavity, Mouth and Tongue	44
8. Pharynx, Guttural Pouch and Larynx	46
9. Larynx and Laryngeal Muscles	48
10. Head-Neck Junction and Ear	50
Chapter 5: The Central Nervous System	
1. The Brain	52
2. The Spinal Cord	54
Chapter 6: Axial Skeleton and Neck	
1. Vertebral Column with Thorax and Nuchal Ligament	56
2. Neck and Thoracic Wall	58
3. Deep Shoulder-Girdle Muscles, the Muscles of the ventral Part of the Neck and the visceral Space they enclose	58
Chapter 7: Thoracic Cavity	
1. Thoracic Wall, Respiratory Muscles, Lungs, and Lymphatic Structures	60
2. Heart and Thymus	62
Chapter 8: Abdominal Wall and Cavity	
1. The Abdominal Wall	64
2. Topography of the Abdominal Organs and Their Relation to the Abdominal Wall	66
3. Spleen, Liver and Bile Duct, Pancreas, and Stomach with Omenta	68
4. Intestines	70
Chapter 9: Pelvis, Inguinal Region, and Urogenital Organs	
1. Bony Pelvis with Sacrosciatic Ligament, Supf. Inguinal Structures	72
2. Inguinal Area	74
3. Prepubic Tendon, Inguinal Canal of the Mare, Nerves of the Lumbar Plexus, Hypaxial Lumbar Muscles, and Udder	76
4. Lymphatics, Adrenal Glands, and Urinary Organs	78
5. Arteries, Veins, and Nerves of the Pelvic Cavity	80
6. Female Reproductive Organs	82
7. Male Reproductive Organs	84
8. Perineum, Pelvic Diaphragm, and Tail	86
Chapter 10: Selected Body Systems in Tabular Form	
1. Muscles	88
2. Lymphatic Structures	101
3. Peripheral Nervous System	104
4. Cranial Nerves	108
Contributions to Clinical-Functional Anatomy	112
List of References	185
Index	195