

# Table of Contents

## GENERAL ANATOMY

<b>Topographic Landmarks</b>			
Terms of Position and Movement . . . . .	2	Skeletal System . . . . .	26
Subdivision and Boundaries of Anatomical Regions . . . . .	6	Joints . . . . .	27
Thoracic and Abdominopelvic Cavities . . . . .	7	Joint Biomechanics . . . . .	28
Head and Neck Regions - Boundaries . . . . .	8	Classification of the Joints . . . . .	30
Regions of the Neck . . . . .	10	Muscles . . . . .	31
Triangles of the Neck . . . . .	12	<b>The Integument</b>	
Boundaries of the Thorax . . . . .	14	Skin - Pilosebaceous Unit . . . . .	32
Thoracic Regions . . . . .	15	Cutaneous Appendages - Nails . . . . .	33
Boundaries of the Abdomen . . . . .	16	Sweat Glands . . . . .	34
Abdominal Regions . . . . .	17	<b>Circulatory System</b>	
Abdominal Cavity . . . . .	19	Arterial and Venous Organization . . . . .	35
Boundaries of the Pelvis . . . . .	20	Arterial Supply . . . . .	36
Pelvis and Perineum Regions . . . . .	21	Venous Return . . . . .	38
Boundaries and Regions of Upper Limb . . . . .	22	<b>Lymphatic System</b>	
Boundaries and Regions of Lower Limb . . . . .	23	Structure . . . . .	41
<b>Musculoskeletal System</b>		Organization . . . . .	42
Classification of the Bones . . . . .	24	<b>Nervous System</b>	
		Organization . . . . .	44
		Structure . . . . .	45

## CRANIUM AND SPINE

<b>Head</b>		Ribs . . . . .	80
Skeleton . . . . .	48	Joints of the Thoracic Cage . . . . .	81
Bones . . . . .	53	Joints of the Thoracic Column . . . . .	83
Orbital Cavity and Paranasal Sinuses Conformation . . . . .	63	<b>Abdomen</b>	
Orbital Cavity and Maxillary Sinus - Viscerocranium . . . . .	64	Bones . . . . .	85
Viscerocranium - Facial Skeleton . . . . .	65	<b>Pelvis</b>	
Conformation of the Palate - Paranasal Sinuses . . . . .	66	Bones . . . . .	88
Paranasal Sinuses . . . . .	67	Joints . . . . .	91
Temporomandibular Joint . . . . .	68	Boundaries and Pelvimetry . . . . .	96
<b>Spine</b>		Typologies . . . . .	97
Skeleton . . . . .	70	<b>Trunk</b>	
<b>Neck</b>		Muscles of the Anterior Wall . . . . .	98
Cervical Column . . . . .	72	Muscles of the Posterior Wall . . . . .	102
Joints . . . . .	74	Muscles - Lateral View . . . . .	107
<b>Thorax</b>		Muscles of the Back and Shoulder . . . . .	112
Thoracic Column . . . . .	77	Suboccipital Muscles, Spinotransversales, and Transversospinales . . . . .	115
Thoracic Cage Conformation . . . . .	78	Muscles of the Posterior Wall . . . . .	117
Sternum . . . . .	79	Summary of the Muscles of the Posterior Wall . . . . .	125
		Fasciae and Fascial Structures . . . . .	127

# HEAD AND NECK

## Head

Superficial Muscles and Fasciae .....	136
Mimic Muscles .....	138
Deep Muscles .....	139
Muscles of the Oral Cavity .....	140
Muscles of the Floor of the Mouth .....	143
Facial Muscles .....	144
Masticatory Muscles .....	145
Extraocular Muscles .....	146
Auricular Muscles .....	147
Muscles of the Auditory Ossicles .....	148
Summary of the Mimic Muscles .....	149
Summary of the Extraocular Muscles .....	152
Summary of the Muscles of the Auditory Ossicles .....	153
Summary of the Masticatory Muscles .....	154
Summary of the Muscles of the Tongue and Soft Palate .....	155
Summary of the Muscles of the Floor of the Mouth and Pharynx .....	156

## Neck

Muscles and Fasciae .....	157
Suprahyoid and Infrahyoid Muscles, and Cervical Fascia .....	159
Suprahyoid, Infrahyoid, Scalene and Prevertebral Muscles .....	160
Prevertebral and Scalene Muscles .....	161
Scalene and Infrahyoid Muscles .....	162
Muscles of Soft Palate and Fauces .....	163
Summary of the Muscles of the Neck .....	166
Subdivision of the Muscles Acting on the Head and Neck .....	168
Fasciae and Compartments of the Neck .....	171

## Vessels

Superficial Blood Supply .....	172
Deep Blood Supply .....	173
Arterial Vascularization .....	174
Superficial and Deep Venous Drainage .....	176
Deep Veins .....	177
Venous Sinuses .....	178
Cerebral Veins .....	180

## Lymphatic System

Lymphatic Ducts and Lymphatic Groups .....	181
Distribution of Lymphatic Vessels of the Head and Neck .....	184

## Nerves

Cervical and Brachial Plexuses .....	185
Cervical Plexus .....	186
Autonomic Division .....	187
Cutaneous Nerves .....	189
Cranial Nerves .....	190
Peripheral Nervous System - Trigeminal Nerve .....	191
Peripheral Nervous System - Facial Nerve .....	192

Accessory Nerve - Distribution of the Nerves of the Head .....	193
Distribution of the Nerves of the Head .....	194
Distribution of the Nerves of the Head and the Neck .....	198
Distribution of the Nerves of the Neck .....	199

## Contents of the Head and Neck

Frontal View .....	200
Neck - Frontal View .....	204
Lateral View .....	212
Posterior View .....	219

## Mouth

Oral Cavity .....	223
Oral Cavity - Conformation and Structure .....	224
Tongue - Topographic Relations .....	226
Topographic Relations and Structure .....	227
Innervation .....	228
Teeth - Conformation and Structure .....	230
Conformation, Structure and Vascularization .....	231
Isthmus of Fauces .....	232
Parotid Space .....	233
Infratemporal Fossa .....	234

## Nose

Conformation and Structure .....	237
Vascularization .....	238
Innervation .....	239
Lymphatic Drainage .....	240

## Eye

Position and Structure - Muscles .....	241
Muscles .....	242
Vascularization and Innervation .....	243
Vascularization and Innervation - Oculomotor, Trochlear and Abducens Nerves .....	246
Innervation .....	247
Ciliary Ganglion .....	248
Lymphatic Drainage .....	249
Eyelid and Eyeball .....	250

## Ear

Vascularization .....	251
Lymphatic Drainage .....	252
Innervation .....	253

## Trachea and Larynx

Position and Structure .....	254
Muscles .....	255

## Larynx

Muscles and Structures .....	256
Cartilages .....	263
Functional Aspects .....	265

## Esophagus

Position .....	266
Structure .....	267

## Neck

Topographic Relations .....	268
-----------------------------	-----

Vascularization . . . . .	269	Posterior View . . . . .	272
Lymph Nodes . . . . .	270	Sections . . . . .	274
Innervation . . . . .	271		

## THORAX

<b>Muscles of the Thorax</b>		<b>Trachea</b>	
Muscles of Anterior and Lateral Wall . . . . .	276	Conformation . . . . .	316
Intercostal Muscles . . . . .	277	3D Reconstructions . . . . .	317
Muscles of Rib Cage . . . . .	278	<b>Great Vessels of the Mediastinum</b>	
Diaphragm . . . . .	279	Topographic Relations . . . . .	318
Summary of the Muscles . . . . .	281	<b>Heart</b>	
<b>Topographic Anatomy</b>		Topographic Relations . . . . .	319
Thoracic Cavity . . . . .	282	Pericardium . . . . .	321
Mediastinum . . . . .	283	External Conformation . . . . .	322
Mediastinum and Pleural Compartments . . . . .	284	Internal Configuration . . . . .	323
<b>Vessels</b>		Fibrous Skeleton and Valves . . . . .	328
Arteries . . . . .	285	Cardiac Vessels . . . . .	329
Veins . . . . .	287	Coronary Arteries . . . . .	330
Parietal Cava-Caval Anastomoses . . . . .	288	Cardiac Veins . . . . .	332
Vertebral Venous Plexuses . . . . .	289	Conduction System . . . . .	333
<b>Lymphatic System</b>		<b>Lymph Nodes</b>	
Lymphatic Ducts and Lymphatic Groups . . . . .	290	Mediastinal Lymph Nodes . . . . .	334
<b>Nerves</b>		<b>Nerves</b>	
Brachial Plexus . . . . .	292	Heart . . . . .	337
Intercostal Nerves . . . . .	294	Esophagus . . . . .	339
Superficial (Cutaneous) Innervation . . . . .	295	Laryngeal and Phrenic Nerves . . . . .	340
Sympathetic and Parasympathetic Nervous Systems . . . . .	296	<b>Lungs</b>	
Distribution of the Nerves of the Thorax . . . . .	297	Pleural Compartments - Conformation . . . . .	341
<b>Breast</b>		Tracheobronchial Tree . . . . .	342
Conformation and Structure . . . . .	299	Medial View . . . . .	343
Vascularization . . . . .	300	Intrapulmonary Bronchi . . . . .	344
Lymph Nodes and Innervation . . . . .	301	Pulmonary Segments . . . . .	345
<b>Contents of the Thorax</b>		<b>Pleurae</b>	
Frontal View . . . . .	302	Topography . . . . .	346
Right Lateral View . . . . .	310	Cervical Pleura . . . . .	348
Left Lateral View . . . . .	312	3D Reconstructions . . . . .	349
<b>Esophagus</b>		<b>Thorax - Transverse Sections</b>	
Topographic Relations . . . . .	314	Thoracic Cavity . . . . .	350

## ABDOMEN

<b>Muscles of the Abdomen</b>		<b>Topographic Anatomy</b>	
Anterolateral Muscles . . . . .	352	Abdominal Cavity . . . . .	361
Quadratus Lumborum . . . . .	355	<b>Abdominal Wall</b>	
Muscles of the Abdominal Wall . . . . .	356	Posterior Wall . . . . .	362
Summary of the Muscles . . . . .	360	Anterolateral Wall . . . . .	363

Inguinal Canal . . . . .	365	Structure - Topographic Relations . . . . .	413
<b>Abdominal Cavity</b>		Position and Vascularization . . . . .	414
Peritoneum . . . . .	368	Lymphatic Vessels and Vascular Sheaths . . . . .	415
Topographic Subdivision . . . . .	370	Innervation - Sagittal Sections . . . . .	416
<b>Vessels</b>		<b>Kidney</b>	
Arteries . . . . .	371	Conformation - Vascularization . . . . .	417
Celiac Trunk . . . . .	372	Topographic Relations - Structure . . . . .	418
Mesenteric Arteries . . . . .	374	<b>Renal Pelvis and Ureters</b>	
Veins . . . . .	376	Urinary Tract . . . . .	419
Parietal Venous Drainage . . . . .	377	Structure . . . . .	420
Portal Venous System . . . . .	378	<b>Duodenum</b>	
Porto-caval Anastomoses . . . . .	379	Topographic Relations . . . . .	421
<b>Lymphatic System</b>		Internal Conformation . . . . .	424
Lymphatic Ducts and Lymphatic Groups . . . . .	380	<b>Pancreas</b>	
Lymph Nodes of the Colon . . . . .	382	Topographic Relations . . . . .	425
Ileocolic and Juxtaintestinal Nodes . . . . .	383	Topographic Relations - Vascularization . . . . .	427
Iliac, Inguinal and Aortic Lymph Nodes . . . . .	384	<b>Stomach</b>	
Gastric, Hepatic, Pancreaticoduodenal and Splenic Lymph Nodes . . . . .	385	Topographic Relations . . . . .	428
<b>Nerves</b>		Internal Conformation . . . . .	429
Lumbar and Sacral Plexuses . . . . .	386	<b>Supramesocolic Space</b>	
Lumbar, Sacral and Coccygeal Plexuses . . . . .	387	Omental Bursa and Stomach . . . . .	430
Sacral and Coccygeal Plexuses . . . . .	388	Innervation . . . . .	431
Iliohypogastric and Ilioinguinal Nerves . . . . .	389	<b>Liver and Bile Ducts</b>	
Sympathetic and Parasympathetic Systems . . . . .	390	Conformation . . . . .	432
Vagus Nerve . . . . .	391	Topographic Relations . . . . .	434
Distribution of the Abdominal Nerves . . . . .	392	Ligaments and Attachment . . . . .	435
<b>Contents of the Abdomen</b>		Vascularization . . . . .	436
Frontal View . . . . .	395	Lymph Nodes and Innervation . . . . .	437
View from the Sagittal Plane		Extrahepatic Bile Ducts and Common Bile Duct . . . . .	438
in the Male . . . . .	408	<b>Spleen</b>	
View from the Sagittal Plane		Position and Relations . . . . .	439
in the Female . . . . .	410	Topographic Relations and Structure . . . . .	441
<b>Retroperitoneal Space</b>		<b>Submesocolic Space</b>	
Renal Space . . . . .	411	Small Intestine . . . . .	442
3D Reconstructions . . . . .	412	Abdominal Plexuses . . . . .	443
<b>Suprarenal Gland</b>		Celiac Plexus . . . . .	444
		Large Intestine . . . . .	445

## PELVIS AND PERINEUM

<b>Muscles of Pelvis and Perineum</b>		Constrictor Muscles . . . . .	463
Muscles of the Pelvis . . . . .	450	Summary of the Muscles of the Pelvis . . . . .	464
Muscles of the Perineum . . . . .	453	Summary of the Muscles of the Perineum . . . . .	466
Male Perineum and Pelvic Diaphragm . . . . .	454	Summary of the Muscles of the Perineum - Fasciae and Ligaments of the Perineum . . . . .	467
Female Perineum and Pelvic Diaphragm . . . . .	455	<b>Topographic Anatomy</b>	
Muscles of the Perineum . . . . .	456	Pelvic Cavity . . . . .	468
Muscles of the Pelvis and Perineum - Medial View . . . . .	457	<b>Pelvic Floor</b>	
Muscles of the Pelvis and Perineum - Lateral View . . . . .	459	Lateral Wall . . . . .	470
Muscles of the Pelvis and Perineum - Posterior View . . . . .	460	<b>Vessels</b>	
Ligaments and Foramina of the Pelvis . . . . .	461	Arteries . . . . .	472
Sphincter Muscles . . . . .	462	Veins . . . . .	473
		<b>Lymphatic System</b>	
		Lymphatic Ducts and Lymphatic Groups . . . . .	474

**Nerves**

Innervation of the Male and Female Pelvis . . . . .	475
Distribution of the Nerves of the Pelvis . . . . .	476
Distribution of the Nerves of the Pelvis and the Perineum . . . . .	477

**Principal Systems Contained**

<b>in the Pelvic Space . . . . .</b>	<b>478</b>
--------------------------------------	------------

**Contents of the Pelvis and Perineum**

Male Frontal View . . . . .	479
Female Frontal View . . . . .	482

**Male Pelvis**

Conformation and Relations . . . . .	484
Urinary Bladder . . . . .	485
Urethra and Prostate . . . . .	486
Prostate . . . . .	487
Ductus Deferentes . . . . .	488

**Male Perineum**

Penis . . . . .	489
Testis . . . . .	491
Development of the External Genitalia . . . . .	492
Frontal View . . . . .	493

**Female Pelvis**

Conformation and Relations . . . . .	495
Urinary Bladder and Urethra . . . . .	496
Uterus and Appendages . . . . .	497

**Female Perineum**

External Genitalia . . . . .	501
Frontal View . . . . .	502

**Rectum**

Conformation . . . . .	504
Conformation - Innervation . . . . .	505
Vascularization . . . . .	506

## UPPER LIMB

**Osteoarticular System**

Skeleton . . . . .	508
Bones of the Pectoral Girdle . . . . .	509
Bone of the Arm . . . . .	510
Bones of the Forearm . . . . .	511
Bones of the Hand . . . . .	512
Joints of the Pectoral Girdle . . . . .	516
Glenohumeral Joint . . . . .	518
Elbow Joint . . . . .	521
Joints of the Forearm . . . . .	524
Joints of the Hand . . . . .	525

**Muscles and Fasciae**

Anterior Muscles . . . . .	533
Posterior Muscles . . . . .	534
Lateral View . . . . .	535
Muscles of the Shoulder and the Arm . . . . .	536
Anterior Muscles of the Arm . . . . .	537
Posterior Muscles of the Arm . . . . .	540
Anterior and Lateral Muscles of the Forearm . . . . .	543
Anterior and Posterior Muscles of the Forearm . . . . .	545
Anterior Muscles of the Forearm . . . . .	546
Lateral and Posterior Muscles of the Forearm . . . . .	547
Muscles of the Forearm - Transverse Section . . . . .	550
Fasciae of the Hand - Palmar View . . . . .	551
Muscles of the Hand - Palmar View . . . . .	552
Fasciae of the Hand - Dorsal View . . . . .	556
Muscles of the Hand - Dorsal View . . . . .	557

Lateral Muscles of the Hand - Radial View . . . . .	560
Hand - Transverse Section . . . . .	561
Summary of the Muscles . . . . .	563
Fasciae and Fascial Structures . . . . .	569

**Vessels**

Arteries . . . . .	572
Arteries of the Shoulder . . . . .	573
Acromial Anastomosis . . . . .	574
Arteries of the Arm and Cubital Anastomosis . . . . .	575
Arteries of the Forearm and Palmar Arteries . . . . .	576
Arteries of the Hand and Wrist . . . . .	578
Veins . . . . .	579
Superficial Veins . . . . .	580

**Lymphatic System**

Lymphatic Ducts and Lymphatic Groups . . . . .	581
--	-----

**Nerves**

Spinal Nerves . . . . .	582
Superficial (Cutaneous) Innervation . . . . .	585
Distribution of the Nerves of the Upper Limb . . . . .	586

**Contents of the Upper Limb**

Anterior Superficial View . . . . .	588
Posterior Superficial View . . . . .	589
Axillary Arteries and Veins . . . . .	590
Vessels and Nerves of the Arm . . . . .	591
Vessels and Nerves of the Forearm . . . . .	594
Vessels and Nerves of the Hand . . . . .	597

## LOWER LIMB

**Osteoarticular System**

Skeleton . . . . .	602
--------------------	-----

Thigh Bones . . . . .	603
Bones of the Leg . . . . .	604

Bones of the Foot . . . . .	605	Anastomotic Circle of the Hip . . . . .	672
Hip Joint . . . . .	616	Femoral Artery . . . . .	673
Knee Joint . . . . .	618	Genicular Anastomosis . . . . .	674
Joints of the Foot . . . . .	623	Arteries of the Leg and Foot. . . . .	675
<b>Muscles and Fasciae</b>		Arteries of the Foot . . . . .	676
Muscles - Anterior and Posterior Views. . . . .	629	Veins. . . . .	677
Muscles - Lateral and Medial Views. . . . .	630	<b>Lymphatic System</b>	
Internal Muscles of the Hip and Anterior Muscles of the Thigh. . . . .	631	Lymphatic Ducts and Lymphatic Groups . . . . .	679
Muscles of the Hip and Thigh - Anterior View. . . . .	633	<b>Nerves</b>	
External Muscles of the Hip and Posterior Muscles of the Thigh. . . . .	634	Spinal Nerves . . . . .	681
External Muscles of the Hip and Medial Muscles of the Thigh. . . . .	635	Nerves of the Thigh and Leg . . . . .	682
Muscles of the Hip and Thigh - Posterior View . . . . .	636	Nerves of the Leg and Foot . . . . .	683
Muscles of the Hip and Thigh - Lateral View . . . . .	637	Superficial (Cutaneous) Innervation. . . . .	684
Muscles of the Hip and Thigh - Medial View . . . . .	638	Distribution of the Nerves of the Lower Limb . . . . .	685
Anterior and Lateral Muscles of the Leg . . . . .	639	<b>Contents of the Lower Limb</b>	
Posterior Muscles of the Leg . . . . .	642	Anterior and Posterior Superficial Views . . . . .	688
Lateral Muscles of the Leg . . . . .	647	Medial Superficial View . . . . .	689
Dorsum of the Foot: Tendinous Sheaths and Fasciae . . . . .	649	Anterior Deep View of the Thigh . . . . .	690
Muscles of the Dorsum of the Foot. . . . .	650	Vascular Space and Saphenous Opening . . . . .	692
Tendons of the Muscles of the Leg . . . . .	652	Anterior Deep View of the Thigh . . . . .	693
Aponeuroses and Muscles of the Sole of the Foot . . . . .	655	Medial Deep View of the Thigh. . . . .	694
Muscles of the Sole of the Foot . . . . .	656	Posterior Deep View of the Thigh. . . . .	695
Summary of the Muscles . . . . .	661	Anterior Deep View of the Leg . . . . .	696
Fasciae and Fascial Structures . . . . .	667	Posterior Region of the Leg: Superficial and Deep Views . . . . .	697
<b>Vessels</b>		Posterior Tibial and Fibular Arteries. . . . .	698
Arteries . . . . .	671	Dorsum of the Foot: Superficial and Deep Views . . . . .	699
		Superficial and Deep Plantar Views . . . . .	700
		Deep Plantar View . . . . .	701

## NERVOUS SYSTEM AND SENSE ORGANS

<b>Organogenesis</b>		Ventral Spinothalamic and Spinotectal Tracts (ALS) . . . . .	725
Neural Tube. . . . .	704	Dorsal Column - Medial Lemniscal Pathway (DC-ML) . . . . .	726
<b>Organization of the Nervous System</b>		Dorsal Spinocerebellar Tract. . . . .	727
Neuraxis and Spinal Nerves. . . . .	705	Ventral Spinocerebellar Tract . . . . .	728
Cranial Nerves . . . . .	706	Pyramidal System - Direct and Crossed Pyramidal Tracts . . . . .	729
Brain . . . . .	709	<b>Brainstem</b>	
General and Special Senses . . . . .	710	Conformation . . . . .	730
Receptors . . . . .	711	Fourth Ventricle . . . . .	731
Sensory Pathways . . . . .	712	Anterior Brainstem . . . . .	732
Motor Pathways. . . . .	713	Cerebellum and Lateral Brainstem . . . . .	733
<b>Spinal Cord</b>		Nuclei of the Cranial Nerves . . . . .	734
Organization. . . . .	714	Corticospinal Tract. . . . .	735
External Conformation . . . . .	716	Solitariothalamic Tract - Gustatory Lemniscus. . . . .	736
Vascularization . . . . .	717	Trigeminothalamic Tract . . . . .	737
Spinal Cord and Spinal Nerves . . . . .	718	Ventral Secondary Trigeminal Tract (VSTT) - Trigeminal Lemniscus . . . . .	738
Dermatomes . . . . .	719	Nuclei of the Brainstem. . . . .	740
Internal Conformation. . . . .	720	Reticular Formation and Ascending Fascicles. . . . .	741
Laminae, Motor Columns and Projection Tracts. . . . .	721	Pontoreticulospinal Tract . . . . .	742
Anterolateral System (ALS) - Lateral Compartment . . . . .	722		
Mechanisms of Pain Control . . . . .	723		
Anterolateral System (ALS) - Medial Compartment . . . . .	724		

Lateral Bulboreticulospinal Tract . . . . .	743	Hippocampus - Conformation . . . . .	782
Rubrospinal Tract . . . . .	744	Hippocampus - Pathways . . . . .	783
Tectospinal Tract . . . . .	745	Hippocampus - Structure . . . . .	784
<b>Cerebellum</b>		Amygdaloid Body - Circuits . . . . .	785
Conformation . . . . .	746	<b>Limbic system</b>	
Structure . . . . .	748	Papez Circuit . . . . .	786
Functional Regions . . . . .	750	<b>Vascularization</b>	
Olive . . . . .	751	Cerebral Hemispheres . . . . .	787
Neocerebellum . . . . .	752	<b>Olfactory System</b>	
Cerebellar Cortex . . . . .	753	Conformation . . . . .	788
Circuits . . . . .	754	Olfactory Pathways . . . . .	789
<b>Diencephalon</b>		<b>Ear</b>	
Relationships . . . . .	755	Conformation . . . . .	790
Thalamus - Conformation . . . . .	756	Bone Conformation . . . . .	791
Thalamus - Relationships . . . . .	757	Bony Labyrinth . . . . .	794
Nuclei of the Thalamus and Metathalamus . . . . .	758	<b>Vestibular System</b>	
Hypothalamus - Conformation . . . . .	761	Structural Organization . . . . .	795
Hypothalamus - Connections . . . . .	762	Semicircular Canals . . . . .	796
Pituitary Gland . . . . .	763	Vestibulo-ocular Reflex . . . . .	797
Subthalamus, Epithalamus and Epithalamic Circuits . . . . .	765	Lateral Vestibulospinal Tract . . . . .	798
<b>Telencephalon</b>		Medial Vestibulospinal Tract . . . . .	799
Conformation . . . . .	766	<b>Auditory System</b>	
Cerebral Cortex . . . . .	768	Internal Ear . . . . .	800
Brodmann Areas . . . . .	770	Spiral Organ . . . . .	801
Ventricular Cavities . . . . .	773	Central Auditory Pathways . . . . .	802
Basal Nuclei - Positions and Relations . . . . .	774	<b>Visual System</b>	
Basal Nuclei - Circuits . . . . .	775	Eyeball . . . . .	803
Insula . . . . .	776	Retina . . . . .	807
Claustrum . . . . .	777	Retinal Cells . . . . .	808
White Matter, Association Bundles and Capsule System . . . . .	778	Transduction and Transmission of the Visual Signal . . . . .	809
Corpus Callosum - Conformation . . . . .	779	Visual Pathways . . . . .	810
Corpus Callosum - Circuits . . . . .	780	Miosis and Mydriasis . . . . .	811
Fornix . . . . .	781	<b>INDEX</b> . . . . .	813