



Anatomy

Anatomy

Overview

Anatomy is the branch of science concerned with studying the structure of the living body, especially by its dissection and the separation of its parts. It is one of the main cornerstones of medical education.

One must learn the normal before one can recognize the abnormal. Thus, the study of anatomy is crucial for the proper understanding of many different subjects, both basic and clinical.

Anatomy must be mastered before or simultaneously with Physiology, as one cannot learn how an organ functions without knowing how it is structured or composed. It is also crucial for the study and execution of surgery. Surgeons require a vast and detailed comprehension of anatomy in order to properly locate, dissect, evaluate, and extract specific body parts!

On a daily basis, medical students and physicians perform physical examinations and basic procedures, none of which carry any significance without an appreciation of what lies underneath!

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Brain & Nervous System—Anatomy

- Autonomic Nervous System (ANS)
- Meninges
- Limbic System
- Cerebral Cortex
- Diencephalon
- Visual Pathways
- Basal Ganglia
- Cerebellum
- Auditory System and Vestibular System
- 12 Cranial Nerves and Their Functions
- Brain Stem
- Spinal Cord
- Ventricular System
- Dural Venous Sinuses

Head & Neck Anatomy

- Skull
- Muscles of the Head
- Upper Aerodigestive Tract
- Special Senses
- Neurovasculature of the Head
- Neck Anatomy

Back Anatomy

- Anatomy of the Vertebral Column
- Foramina of the Vertebral Column
- Movements and Curvatures of the Back
- Joints and Ligaments of the Back
- Regional Anatomical Characteristics of the Vertebrae
- Extrinsic Back Muscles
- Superficial and Intermediate Intrinsic Back Muscles
- Deep Intrinsic Back Muscles

Upper Limb Anatomy

- Introduction – Bones and Surface Anatomy of Upper Limb
- Osteology of the Upper Limb – Bones and Surface Anatomy of Upper Limb
- Clavicle – Bones and Surface Anatomy of Upper Limb
- Scapula – Bones and Surface Anatomy of Upper Limb
- Humerus – Bones and Surface Anatomy of Upper Limb
- Ulna – Bones and Surface Anatomy of Upper Limb
- Radius – Bones and Surface Anatomy of Upper Limb
- Hand – Bones and Surface Anatomy of Upper Limb
- Ranges of Movement – Bones and Surface Anatomy of Upper Limb
- Fascia – Cutaneous Innervation and Venous Drainage of Upper Limb
- Superficial Venous Drainage – Cutaneous Innervation and Venous Drainage of Upper Limb
- Cutaneous Innervation – Cutaneous Innervation and Venous Drainage of Upper Limb
- Anterior Axioappendicular Muscles – Anatomy of the Shoulder
- Posterior Axioappendicular Muscles – Anatomy of the Shoulder

- Scapulohumeral Muscles – Anatomy of the Shoulder
- Axilla – Axilla and Brachial Plexus
- Scapulohumeral Muscles – Axilla and Brachial Plexus
- Axillary Artery – Axilla and Brachial Plexus
- Brachial Plexus – Axilla and Brachial Plexus
- Arm in Cross Section – Anatomy of the Arm
- Anterior Compartment – Anatomy of the Arm
- Cubital Fossa – Anatomy of the Arm
- Posterior Compartment – Anatomy of the Arm
- Neurovasculature Relations – Anatomy of the Arm
- Forearm in Cross-section – Anatomy of the Forearm
- Anterior Compartment – Anatomy of the Forearm
- Deep Layer (AC) – Anatomy of the Forearm
- Superficial and Middle Layers (AC) – Anatomy of the Forearm
- Posterior Compartment – Anatomy of the Forearm
- Deep and Outcropping Layer (PC) – Anatomy of the Forearm
- Dorsum – Anatomy of the Hand
- Palmar Aspect – Anatomy of the Hand
- Adductor Compartment – Anatomy of the Hand
- Carpal Tunnel – Anatomy of the Hand
- Short Muscles and Extrinsic Tendons – Anatomy of the Hand
- Blood Supply – Overview of Arterial Supply to Upper Limb
- Axillary Artery – Overview of Arterial Supply to Upper Limb
- Brachial Artery – Overview of Arterial Supply to Upper Limb
- Radial and Ulnar Arteries – Overview of Arterial Supply to Upper Limb
- Blood Supply of the Hand – Overview of Arterial Supply to Upper Limb
- Sternoclavicular Joint – Joints of Upper Limb
- Acromioclavicular Joint – Joints of Upper Limb
- Glenohumeral Joint – Joints of Upper Limb

- Elbow Joint – Joints of Upper Limb
- Radio-ulnar Joints – Joints of Upper Limb
- Joints of the Hand – Joints of Upper Limb
- Joints of Digits – Joints of Upper Limb
- Musculocutaneous Nerve – Nerve Lesion of Upper Limb
- Median Nerve – Nerve Lesion of Upper Limb
- Ulnar and Radial Nerves – Nerve Lesion of Upper Limb
- Axillary and Long Thoracic Nerves – Nerve Lesion of Upper Limb

Thorax Anatomy

- Thoracic Skeleton
- Intercostal Space
- Thoracic Cavity
- Anatomy of the Diaphragm
- Anatomy of the Breast
- Anatomy of the Trachea
- Anatomy of the Esophagus
- Anatomy of the Lungs
- Anterior Mediastinum
- Pericardium
- Heart in Situ
- Embryologic Development of the Heart and Circulation
- External Anatomy of the Heart
- Internal Anatomy of the Right Atrium and Ventricle
- Internal Anatomy of the Left Atrium and Ventricle
- Coronary Vasculature
- Cardiac Conduction System
- Great Vessels of the Thorax
- Posterior Mediastinum
- Surface Anatomy of the Thorax

Abdomen

- Surface Anatomy of the Abdomen
- Anterolateral Abdominal Wall
- Peritoneum and Peritoneal Cavity
- Anatomy of the Esophagus and Stomach
- Anatomy of the Small Intestine
- Anatomy of the Large Intestine
- Anatomy of the Liver and Gallbladder
- Anatomy of the Pancreas and Spleen
- Anatomy of the Urinary System and Suprarenal Glands
- Vascular Supply of the Abdomen
- Posterior Abdominal Wall

Pelvis Anatomy

- Bony Pelvis and Pelvic Floor
- Anatomy of the Male Reproductive System
- Anatomy of the Female Reproductive System
- Vasculature of the Pelvis
- Perineum
- Lymphatics and Nerves of Abdominopelvic Region

Lower Limb Anatomy

- Surface Anatomy – Lower Limb
- Hip Bone – Osteology of Lower Limb
- Ilium – Osteology of Lower Limb
- Ischium – Osteology of Lower Limb
- Pubis – Osteology of Lower Limb
- Femur – Osteology of Lower Limb

- Patella – Osteology of Lower Limb
- Tibia – Osteology of Lower Limb
- Fibula – Osteology of Lower Limb
- Foot – Osteology of Lower Limb
- Movement – Osteology of Lower Limb
- Introduction – Lower Limb: Superficial Structures and Cutaneous Innervation
- Fascia – Lower Limb: Superficial Structures and Cutaneous Innervation
- Venous Drainage – Lower Limb: Superficial Structures and Cutaneous Innervation
- Cutaneous Innervation – Lower Limb: Superficial Structures and Cutaneous Innervation
- Introduction – Lumbosacral Plexus
- Lumbar Plexus: in Situ – Lumbosacral Plexus
- Sacral and Coccygeal Plexus – Lumbosacral Plexus
- Sciatic Nerve – Lumbosacral Plexus
- Coccygeal Plexus – Lumbosacral Plexus
- Introduction – Gluteal Region and Posterior Thigh
- Gluteal Region – Gluteal Region and Posterior Thigh
- Neurovasculature – Gluteal Region and Posterior Thigh
- Posterior Thigh: Cross-section – Gluteal Region and Posterior Thigh
- Posterior Thigh Muscles – Gluteal Region and Posterior Thigh
- Popliteal Fossa: Boundaries – Gluteal Region and Posterior Thigh
- Popliteal Fossa: Contents – Gluteal Region and Posterior Thigh
- Introduction – Anterior and Medial Thigh
- Anterior Thigh Muscles – Anterior and Medial Thigh
- Anterior Compartment of Thigh – Anterior and Medial Thigh
- Medial Thigh Muscles – Anterior and Medial Thigh
- Pes Anserinus – Anterior and Medial Thigh
- Femoral Triangle – Anterior and Medial Thigh

- Adductor Canal – Anterior and Medial Thigh
- Introduction – Anatomy of the Leg
- Anterior Compartment – Anatomy of the Leg
- Lateral Compartment – Anatomy of the Leg
- Posterior Compartment – Anatomy of the Leg
- Superficial Layer of Posterior Compartment – Anatomy of the Leg
- Introduction – Anatomy of the Foot
- Dorsum of Foot – Anatomy of the Foot
- Plantar Aspect – Anatomy of the Foot
- Muscles of Sole of Foot: Layer 1 – Anatomy of the Foot
- Muscles of Sole of Foot: Layer 2 – Anatomy of the Foot
- Muscles of Sole of Foot: Layer 3 – Anatomy of the Foot
- Muscles of Sole of Foot: Layers 4 – Anatomy of the Foot
- Sole of Foot – Anatomy of the Foot
- Blood Supply – Overview of Arterial Supply to Lower Limb
- Thigh – Overview of Arterial Supply to Lower Limb
- Gluteal Region – Overview of Arterial Supply to Lower Limb
- Posterior Thigh and Popliteal Fossa – Overview of Arterial Supply to Lower Limb
- Posterior Leg – Overview of Arterial Supply to Lower Limb
- Anterior Leg – Overview of Arterial Supply to Lower Limb
- Foot – Overview of Arterial Supply to Lower Limb
- Introduction – Joints of Lower Limb
- Knee Joint – Joints of Lower Limb
- Ligaments and Menisci of the Knee Joint - Joints of Lower Limb
- Tibiofibular Joint – Joints of Lower Limb
- Ankle Joint – Joints of Lower Limb
- Joints of the Foot: Talocalcaneal – Joints of Lower Limb
- Joints of the Foot: Plantar Ligaments – Joints of Lower Limb
- Arches of the Foot – Joints of Lower Limb

- Overview – Nerve Lesions of the Lower Limb
- Sciatic Nerve – Nerve Lesions of the Lower Limb
- Superior Gluteal Nerve — Nerve Lesions of the Lower Limb
- Common Fibular Nerve – Nerve Lesions of the Lower Limb
- Tibial Nerve Injury – Nerve Lesions of the Lower Limb



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Why Mediversal?

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Case based learning	✔ Yes	✘ No
AI supported learning	✔ Yes	✘ No
Live Interaction Sessions	✔ Yes	✘ No
Clinical Attachments	✔ Yes (Case to Case basis)	✔ Yes
Associated with Hospitals for Clinical Training	✔ Yes	✔ Yes
Books	✔ Yes (Printable Pdf copy)	✘ No
Complementary e-Learning Module & Certification	✔ Yes	✘ No
Learner Support	✔ Yes	✘ No
Community of Doctors for peer support (Mediversal Alumni only)	✔ Yes	✘ No
Alumni Support	✔ Yes	⚠ Only a few
e-Certification	✔ Yes	✔ Yes
Physical Certification	✔ Yes	⚠ Only a few
Lifetime certificate validity	✔ Yes	✔ Yes
Digital Marketing and Business Support for your hospital/clinic	✔ Yes	✘ No
Admission process	✔ Smooth, Transparent & all details provided	⚠ Spamming through multiple channels.
Data and privacy protection	✔ Yes	✘ No
CME access	✔ Yes (Lifetime)	✘ No
Medico Legal Session	✔ Yes (Free. By renowned high court advocates)	✘ No
National Level Felicitation Award (for Mediversal Alumni)	✔ Yes	✘ No



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