

# **CPC EXAM: ANATOMY AND PHYSIOLOGY**

# ANATOMY AND PHYSIOLOGY

- **Anatomy:**
  - The structure of the human body
  - The bones, muscles, organs, joints, etc.
- **Physiology:**
  - The functions of organs and systems within the body
- Approximately **10** questions on anatomy and physiology on **CPC Exam**
  - As many questions as Radiology, Medicine

# HOW WE USE ANATOMY AND PHYSIOLOGY

- To navigate the **CPT** and **ICD manuals**
  - The Surgery section, for instance, is organized by the procedure's location on the body
- To understand **medical and surgical terminology**
  - Example: “Supratentorial craniectomy”
    - Supra (above) + tentorial (tentorium; fold in dura mater between cerebellum and cerebrum) crani (cranium; skull) + ectomy (removal)
    - Removal of a piece of the skull above the tentorium

# REVIEW OF SOME ANATOMICAL TERMS

WORD	BODY PART	WORD	BODY PART
Abdominal	Abdomen	Cephalic	Head
Acromial	Point of shoulder	Cervical	Neck
Antebrachial	Forearm	Clavicular	Collar bone
Antecubital	Front of elbow	Costal	Rib
Axillary	Armpit	Coxal	Hip
Brachial	Arm	Cranial	Skull
Buccal	Cheek	Crural	Leg
Calcaneal	Heel of foot	Cubital	Elbow
Carpal	Wrist	Deltoid	Curve of shoulder
Caudal	Tail	Digital	Fingers and toes

# REVIEW OF SOME ANATOMICAL TERMS

## CONT.

WORD	BODY PART	WORD	BODY PART
Dorsal	Upper back	Manual	Hand
Femoral	Thigh	Mental	Chin
Fibular	Outer side of the lower leg between the knee and ankle	Nasal	Nose
Frontal	Forehead	Nuchal	Back of neck
Genital	Pertaining to the reproductive organs	Occipital	Back of head
Gluteal	Buttock	Olecranal	Point of Elbow
Hallux	Great toe	Oral	Mouth
Inguinal	Groin	Orbital	Eye
Lumbar	Loin (lowest part of the spine below the false ribs and between the hips)	Otic	Ear
Mammary	Breast	Palmar	Palm

# REVIEW OF SOME ANATOMICAL TERMS CONT.

WORD	BODY PART	WORD	BODY PART
Patellar	Kneecap	Sacral	Between the hips
Pectoral	Chest	Scapular	Shoulder bone
Pedal	Foot	Sternal	Breastbone
Pelvic	Pelvis	Sural	Calf
Perineal	Between the groin and the anus	Tarsal	Ankle
Peroneal	Outer side of the calf	Thoracic	Chest
Plantar	Sole of foot	Umbilical	Navel
Pollex	Thumb	Ventral	Belly
Popliteal	Back of knee	Vertebral	Spinal Column
Pubic	Groin		

# STUDYING FOR ANATOMY AND PHYSIOLOGY

- Flash Cards
  - Many are free online, but don't make them your main mode of studying
- Take a course in either **Anatomy and Physiology** or **Medical Terminology**
  - There's a lot of overlap between the two topics
- Use the diagrams and charts in the **CPT manual** before and during the test