

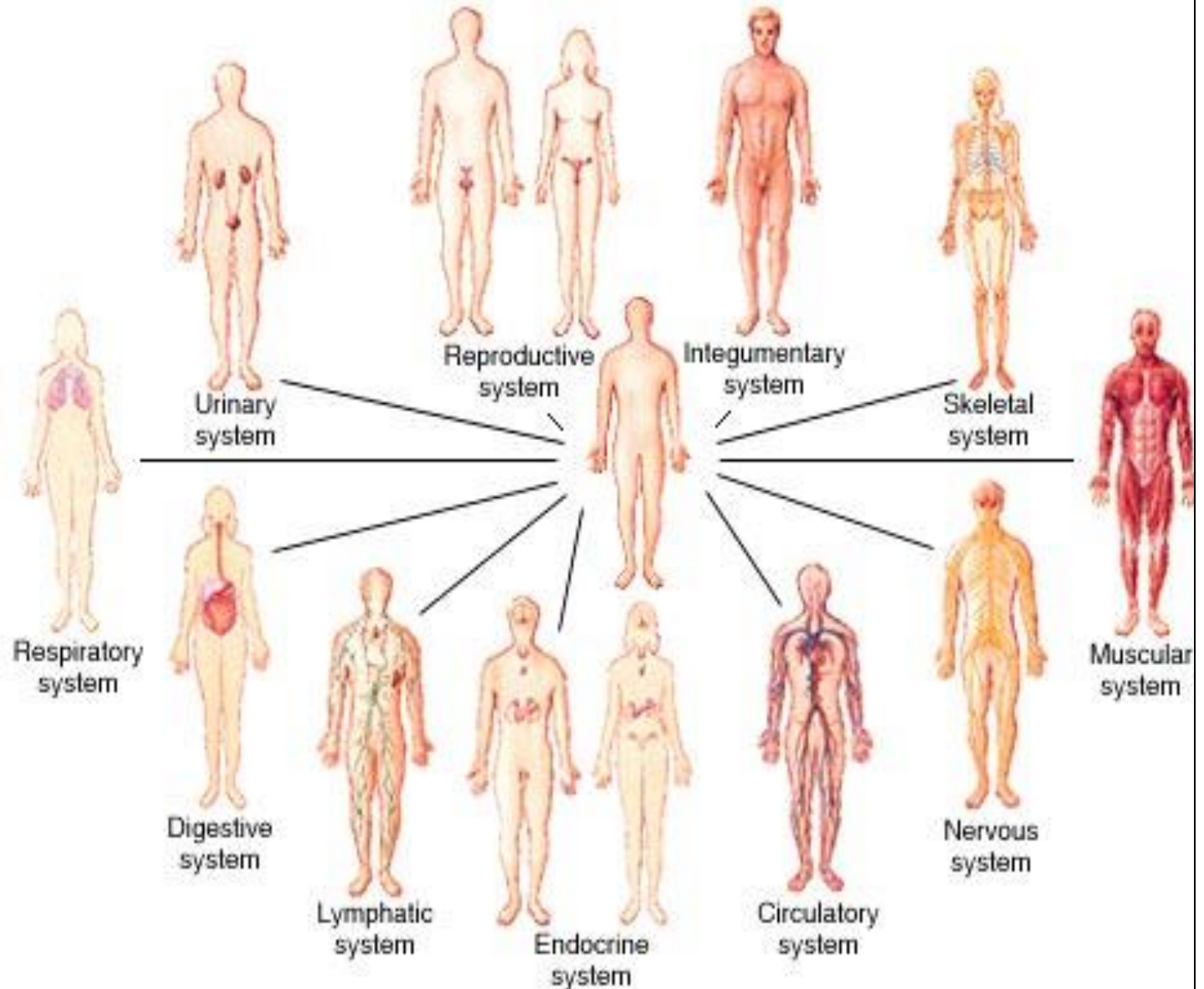
# I. ANATOMY BY SYSTEM

\*"Will be detailed during Practicals"

a. Learn: Structure & Function.

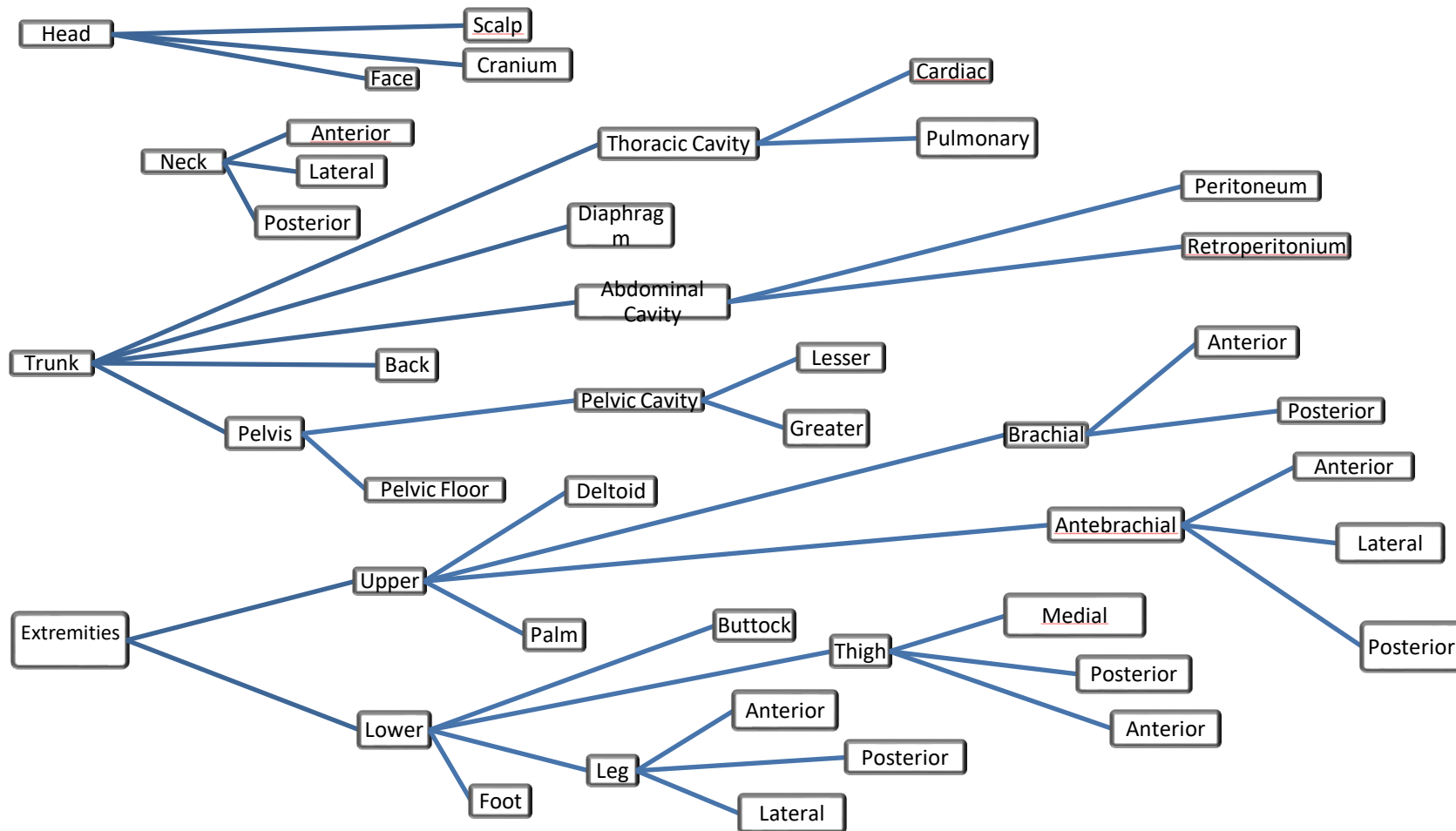
B. Integrate: Anatomical Relations regarding function and structural arrangement.

- Locomotor/Musculoskeletal
- Nervous
- Cardiovascular
- Respiratory
- Digestive
- Urinary
- Reproductive
- Endocrine
- Immune
- Integumentary



## II. ANATOMY BY REGION – Topography \*”Will be detailed during Dissections”

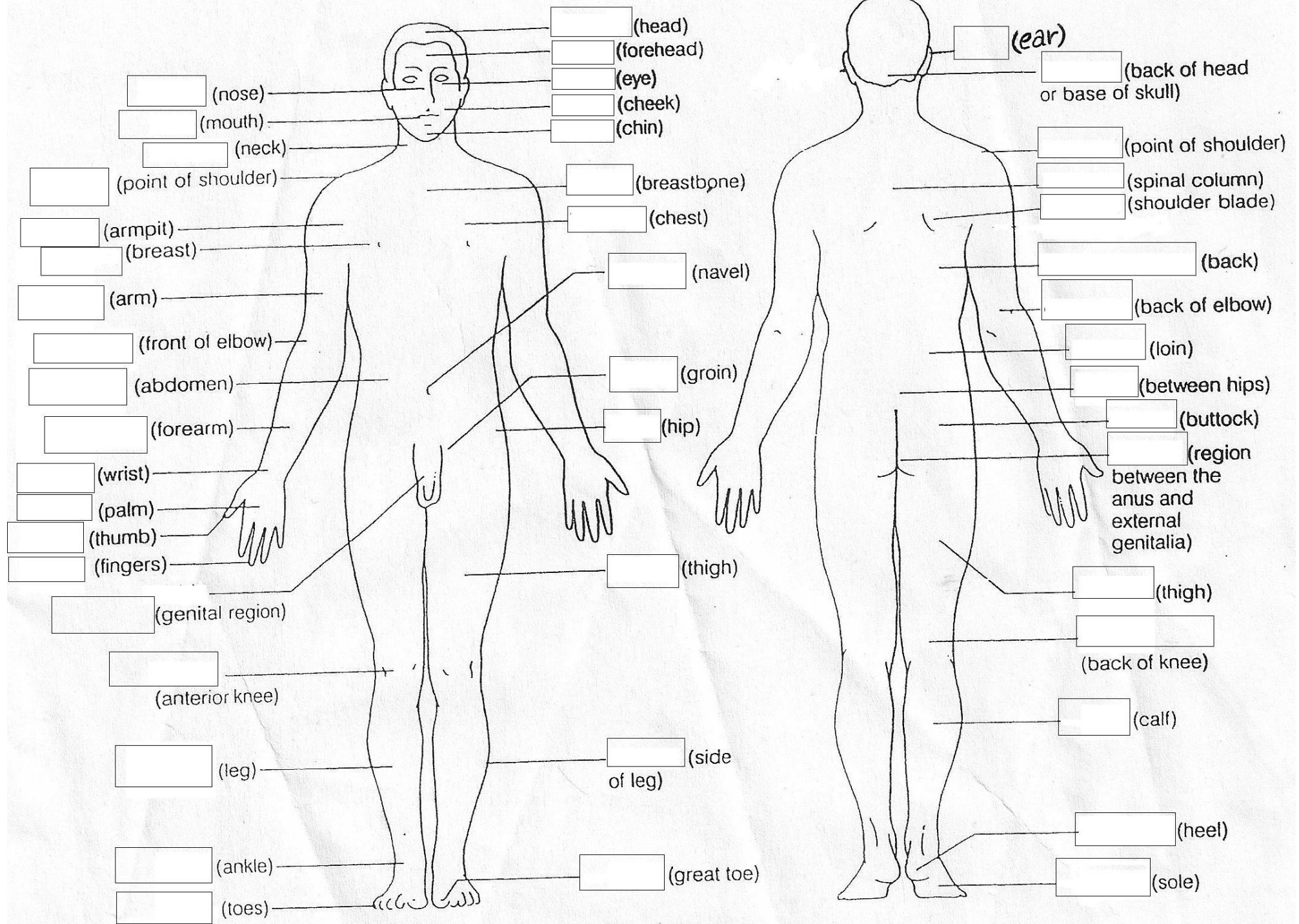
**A. Compartments:** separated sections housing anatomical structures.

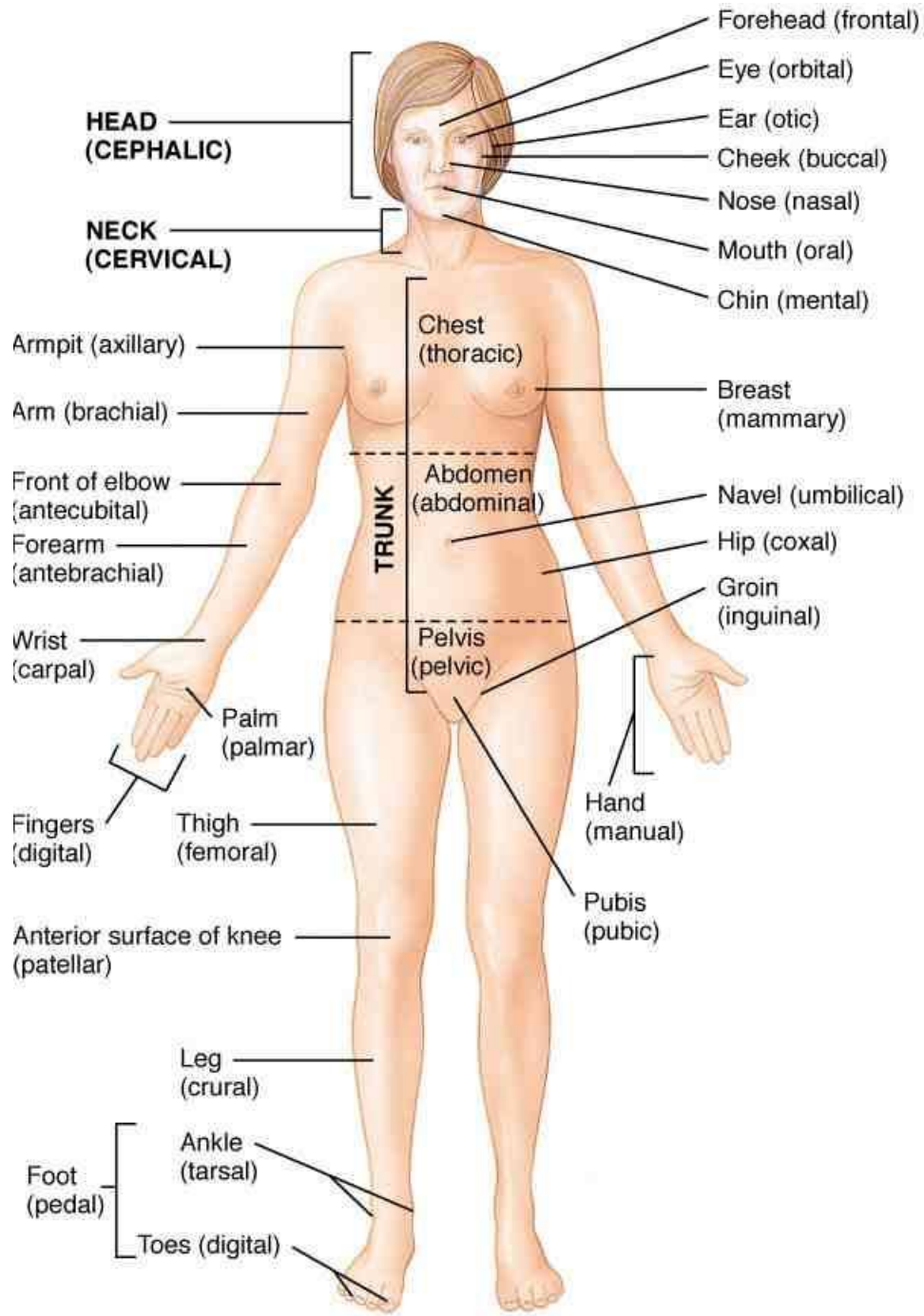


**B. Spaces:** bordered by landmarks containing residing and passing anatomical structures.

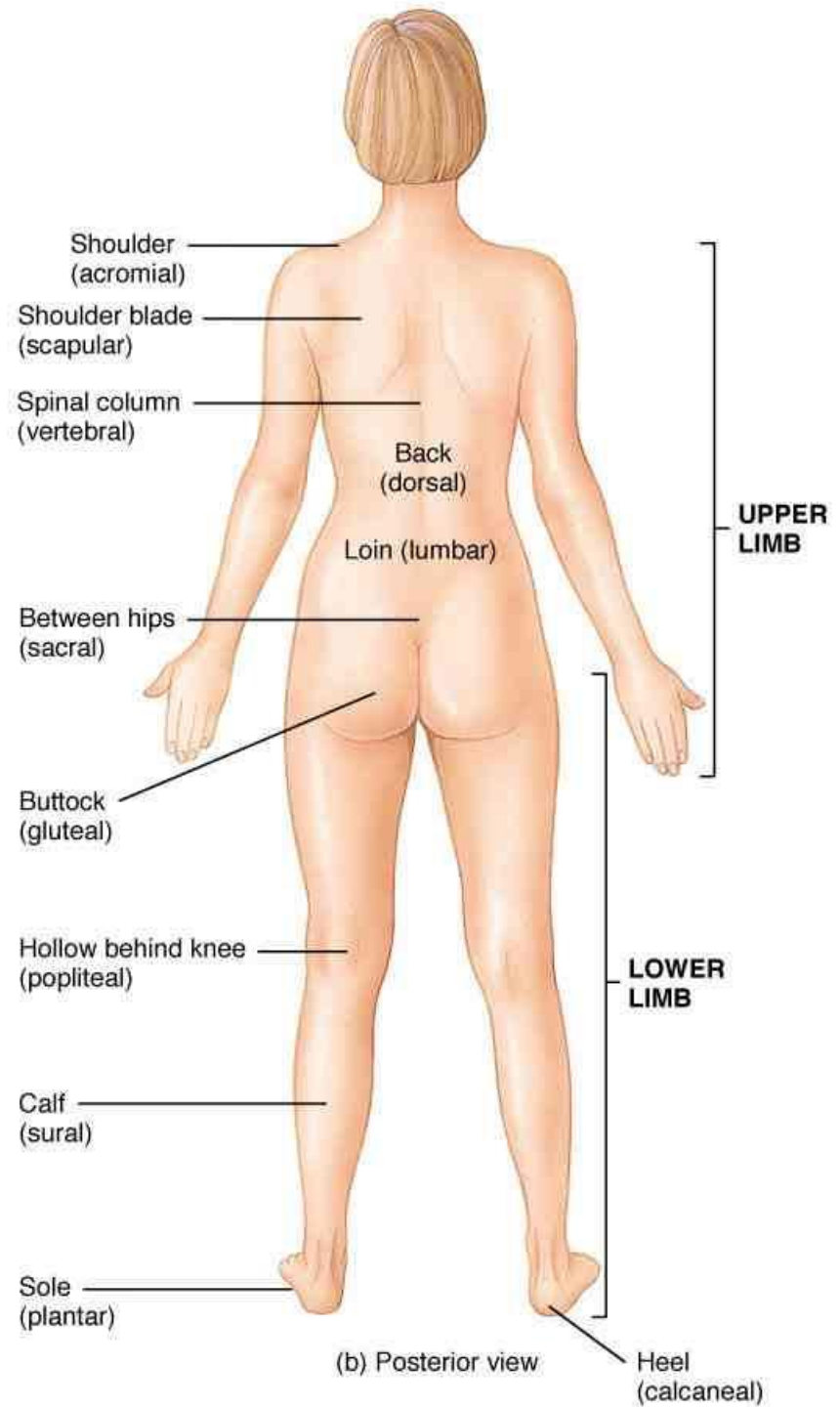
e.g. Skull spaces: 1. Sinuses 2. Orbits 3. Nasal 4. Oral 5. Tympanic

e.g. Cubital fossa suited between the arm and forearm. Popliteal suited behind the knee.





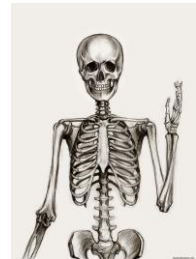
(a) Anterior view



(b) Posterior view

## ***5 points how to study anatomy:***

- **Latin term**
- **English term** (resp. synonyms, eponym)
- **what is it?**
- **what is it good for?**
- **clinical significance**



## ***Bones:***

- **Latin term**
- **English term** (resp. synonyms)
- **how it's situated in the body**
- **which side**
- **(clinical significance)**

**WWW**

<http://anatomie.lf2.cuni.cz/en>

## ***Mnemonic for carpal bones***

**Scared Lovers Try Positions  
That they Cannot Handle**

<b>Latin</b>	<b>English</b>
<b>ANGULUS</b>	<b>ANGLE</b>
<b>MARGO</b>	<b>MARGIN</b>
<b>FACIES</b>	<b>SURFACE</b>
<b>FACIES ARTICULARIS</b>	<b>ARTICULAR SURFACE</b> or <b>FACET</b> (smooth surface in joint orient a sliding motion)
<b>SPINA</b>	<b>SPINE</b> (pointed prominence or process)
<b>FOSSA</b>	<b>FOSSA</b> (shallow depression)
<b>PROCESSUS</b>	<b>PROCESS</b> (projection/outgrowth of structure)
<b>TUBEROSITAS</b>	<b>TUBEROSITY</b> (rough protuberance on a bone serving as a ligament/muscle attachment site)
<b>TUBER</b>	<b>TUBER</b> (elevated rounded bump)
<b>TUBERCULUM</b>	<b>TUBERCLE</b> (protuberance on a bone serving as a ligament/muscle attachment site)
<b>CAPUT</b>	<b>HEAD</b>
<b>COLLUM</b>	<b>NECK</b> (narrow junction between head and body)
<b>CORPUS</b>	<b>BODY</b>
<b>LIGAMENTUM</b>	<b>LIGAMENT</b> (band connecting bone to bone)
<b>TENDO</b>	<b>TENDON</b> (band connecting muscle to bone)
<b>ARTICULATIO</b>	<b>JOINT</b> (connection between bones)
<b>CRISTA</b>	<b>CREST</b> (raised ridge)
<b>SULCUS</b>	<b>SULCUS/GROOVE</b> (long narrow depression)
<b>CAPITULUM</b>	<b>CAPITULUM</b> (compact head of a structure)
<b>TROCHLEA</b>	<b>TROCHLEA</b> (structure resembling/acting like a wheel pulley)
<b>CONDYLUS</b>	<b>CONDYLE</b> (round prominence at the end of a bone allowing sliding mobility over a facet)
<b>FOVEA</b>	<b>FOVEA</b> (small pit/depression, usually in a joint)
<b>INCISURA</b>	<b>NOTCH</b> (indentation/incision on an edge or surface)
<b>FORAMEN</b>	<b>FORAMEN</b> (opening/hole where structures pass)
<b>OS (OSSA)</b>	<b>BONE</b> ( <i>singular</i> ) ( <b>BONES</b> ( <i>plural</i> ))
<b>MUSCULUS</b>	<b>MUSCLE</b>