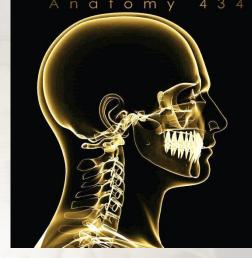
Anatomy teamwork Lecture 1



Anatomical Terminology & Skeletal System

Color coding

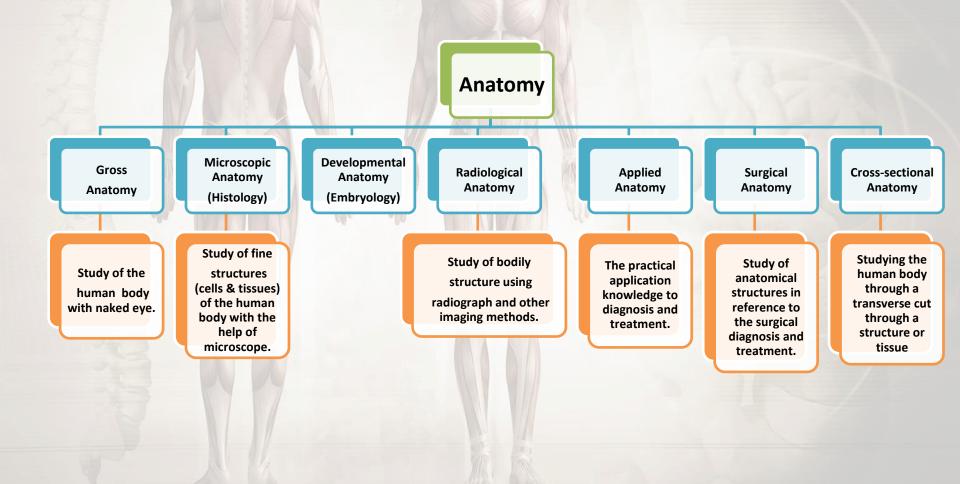
- Very important
- Female notes
- Male notes

هذا العمل لا يغني عن المصدر الأساسى للمذاكرة

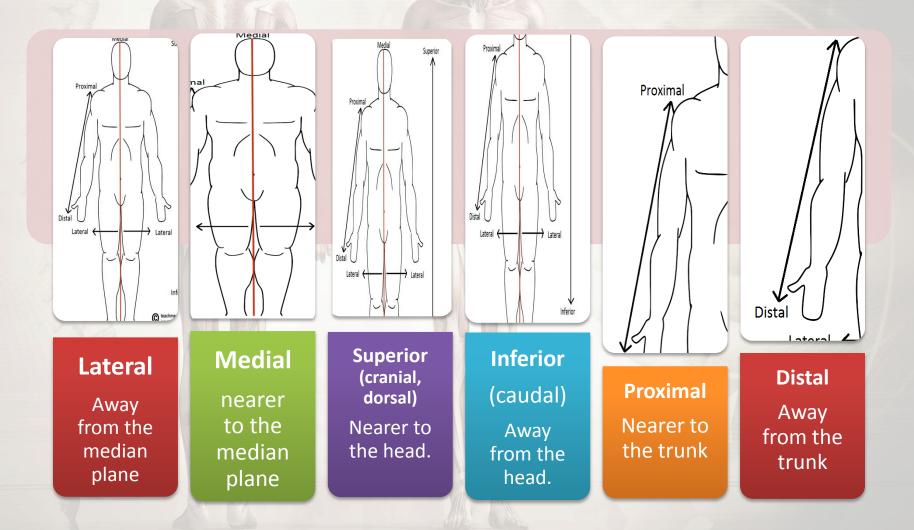
Objectives Define the word "Anatomy" **DEnumerate the different anatomical fields** Describe the anatomical position Describe different anatomical terms of position & movements as well different anatomical planes **Classify bones according to shape,** structure & development **Enumerate different bones of both axial &** appendicular skeleton

Anatomy

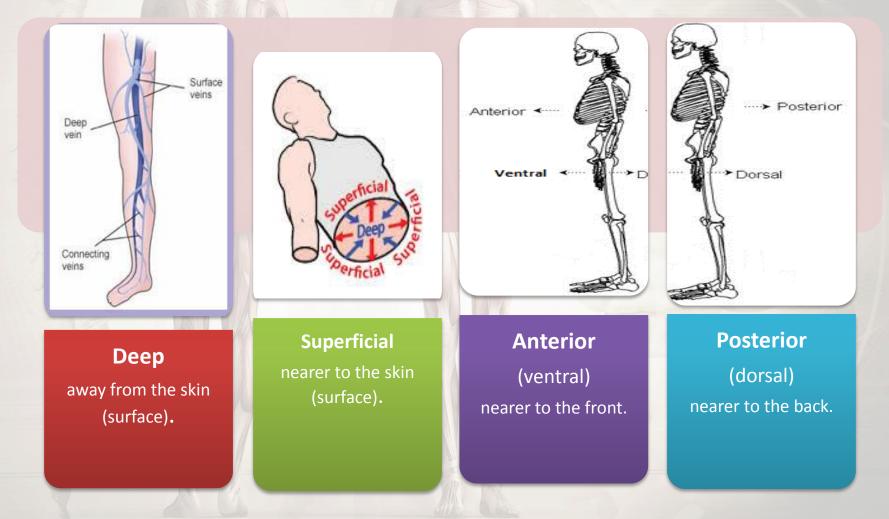
The science which deals with the study of the <u>structure and shape of the body &</u> <u>body parts</u>, and <u>their relationships to one another</u>



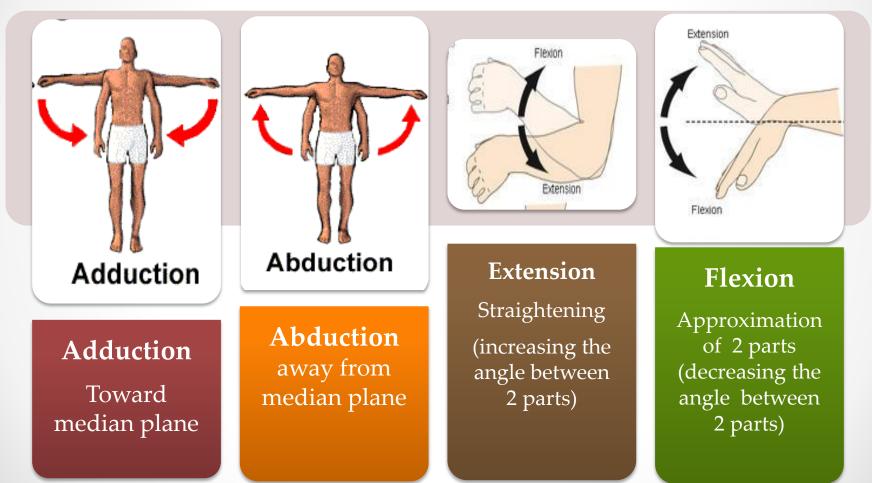
Terms Of Positions



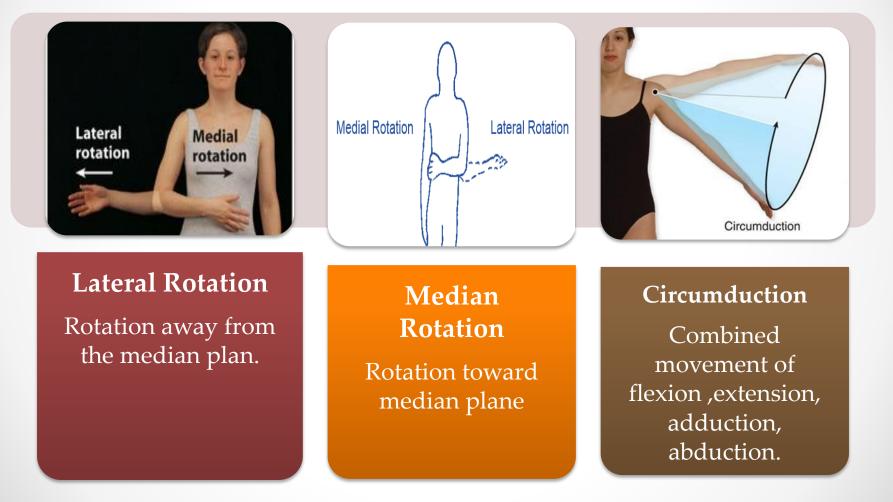
Terms Of Positions



Terms Of Movement

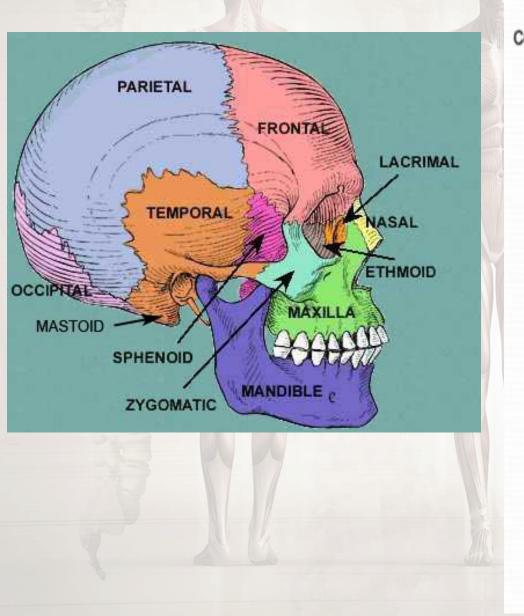


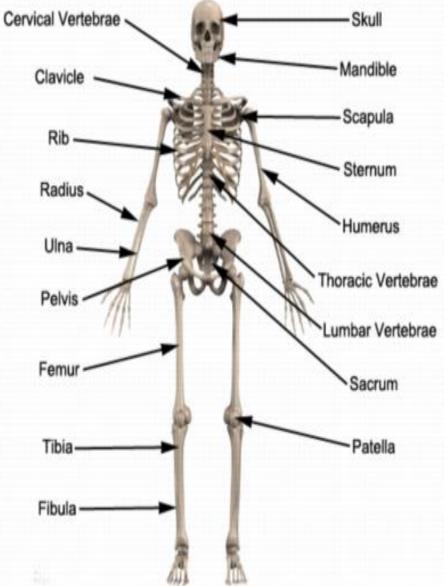
Terms Of Movement

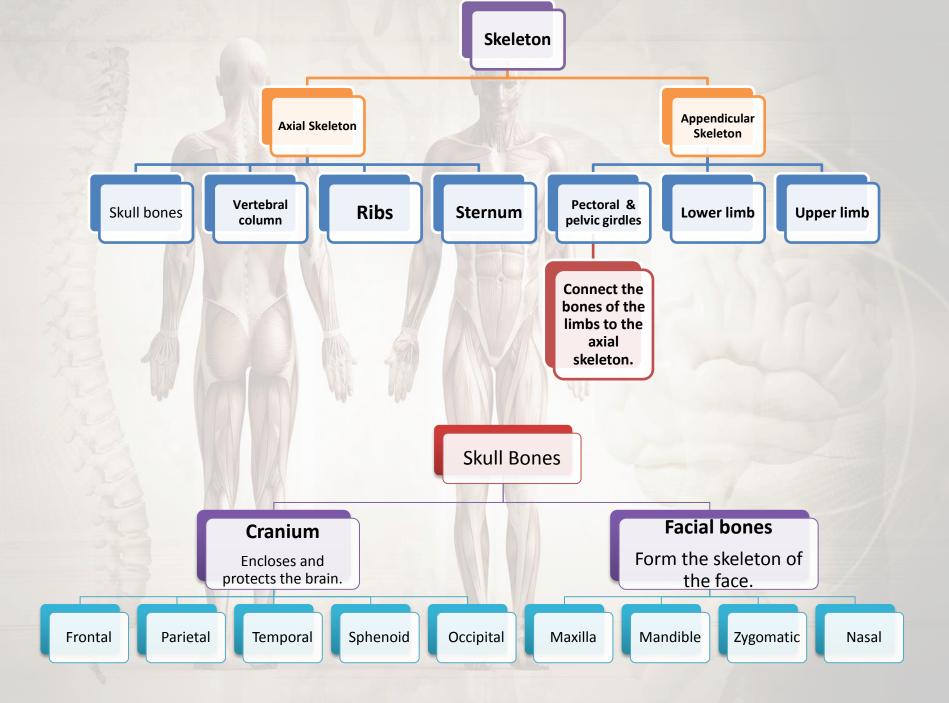


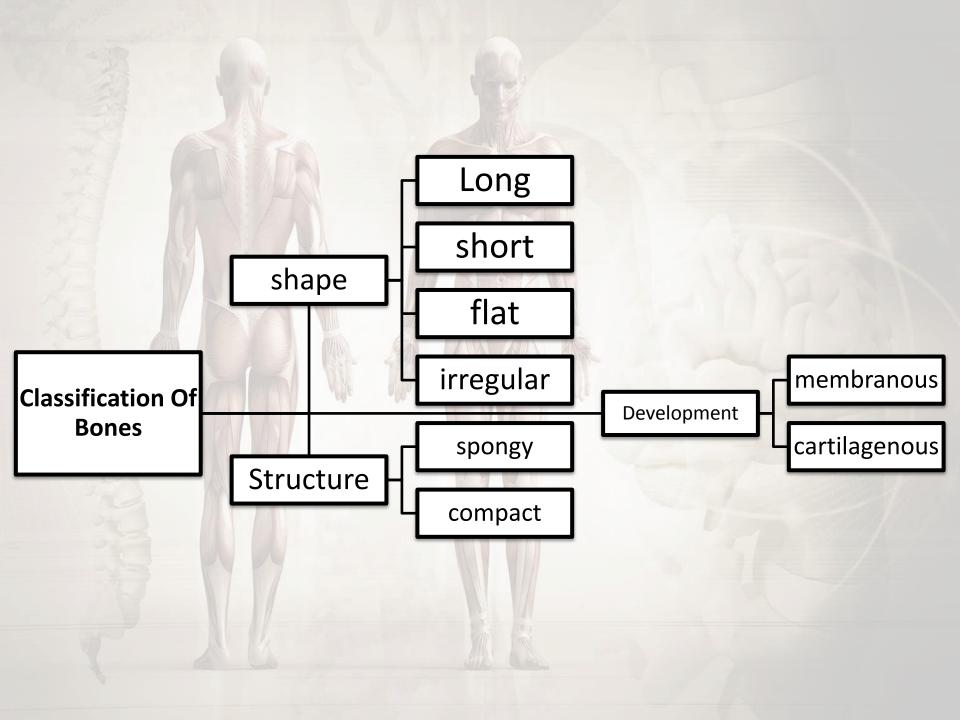
Bones of the skull

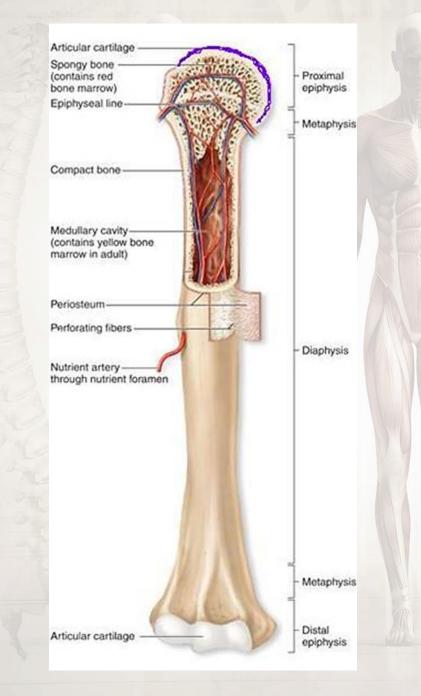
Main bones in the human body







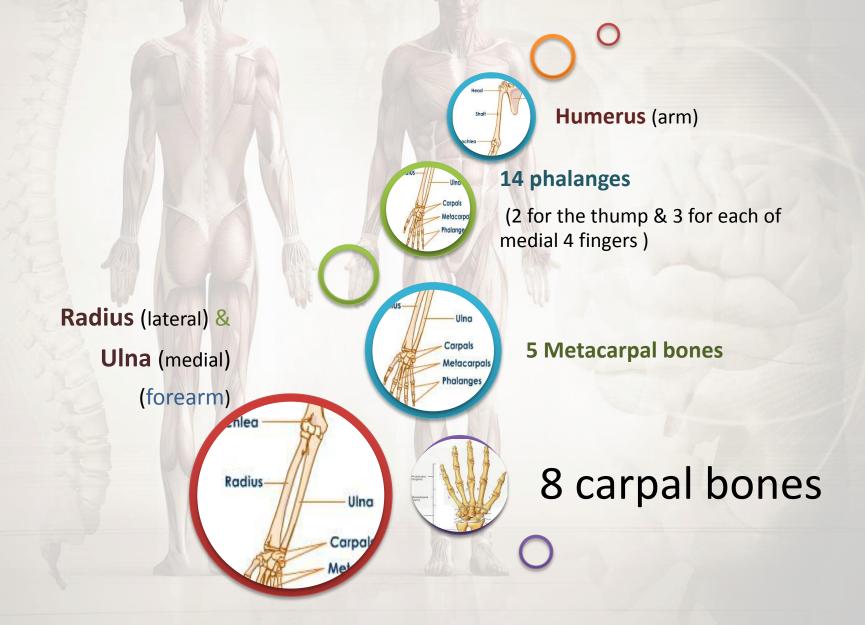




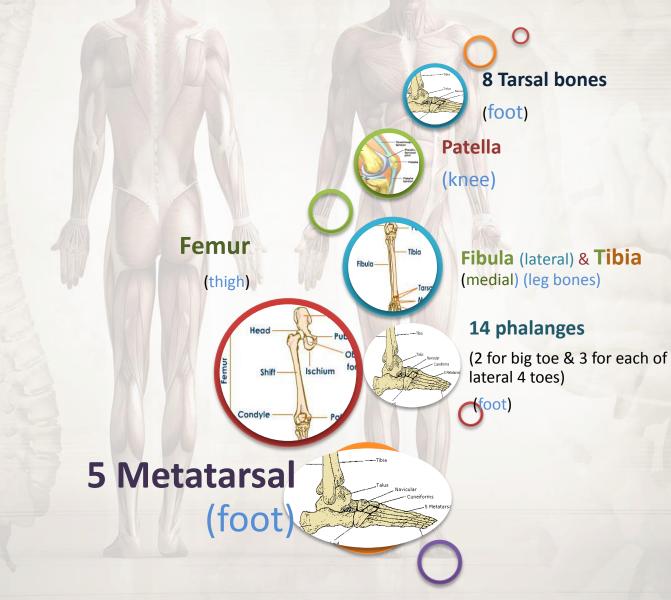
Long bones are formed of:

- A shaft (diaphysis): composed of compact bone.
- Two ends (epiphysis): composed of spongy bone.
- The region of contact between epiphysis & diaphysis is called: **metaphysis**: contains epiphyseal plate of cartilage responsible for linear bone growth.

Bones Of The Upper Limb

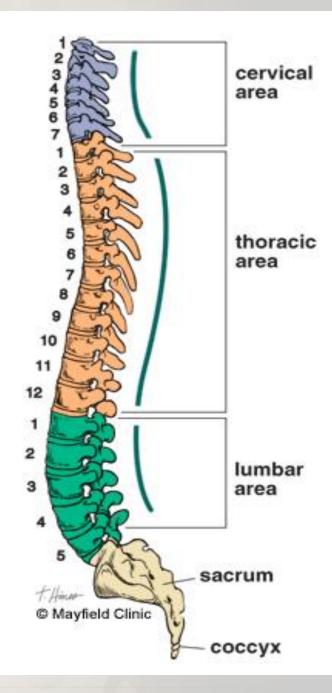


Bones Of The Lower Limb

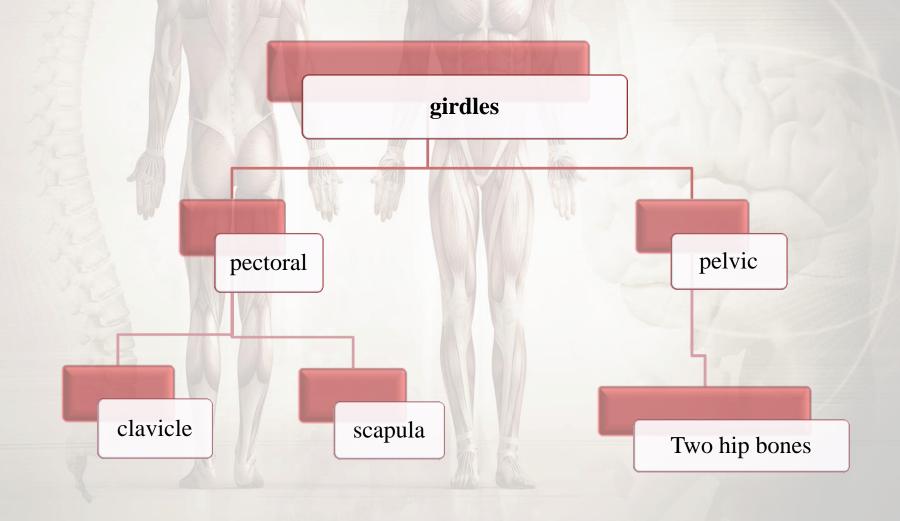


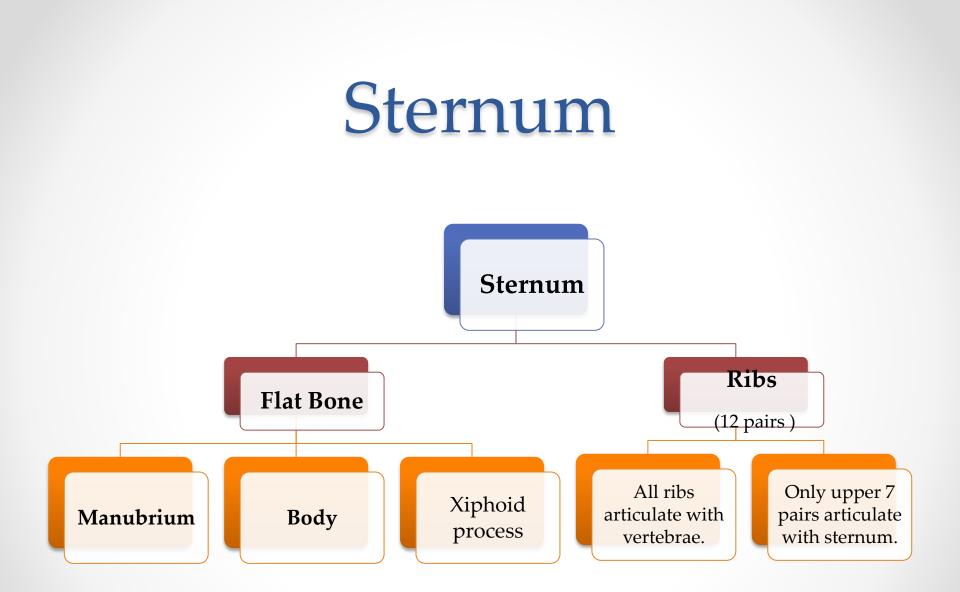
The vertebral column

- It supports the axial skeleton.
- Formed of <u>33</u> irregular bones (vertebrae)
- Spinal cord runs through its cavity.
- It is divided into 5 regions:
- 1- Cervical (<u>7</u> vertebrae)
- 2- Thoracic (<u>12</u> vertebrae)
- 3- Lumbar (<u>5</u> vertebrae)
- 4- Sacral ($\underline{5}$ vertebrae) fused to form triangular bone = sacrum
- 5- Coccygeal ($\underline{4}$ vertebrae) fused to form a small bone called coccyx



Classifications of girdles





helpful videos

<u>https://docs.google.com/file/d/0Bx_wqasq9q</u>
<u>LfVUpZVktZTXEyRnc/edit</u>

عمل الفريق

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