

Ministry of science and higher education of the Russian Federation

Medical college

**Federal STATE Autonomous educational institution "Crimean V.I. Vernadsky
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Skeleton

Performed by a student of group 14-C

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The Skeleton is composed of bones. In the adult the skeleton has over 200 bones. It performs several functions :

- Supporting
- Protective
- Locomotor
- Formative



Skeleton

Axial skeleton

- Spine
- Skull
- Thorax

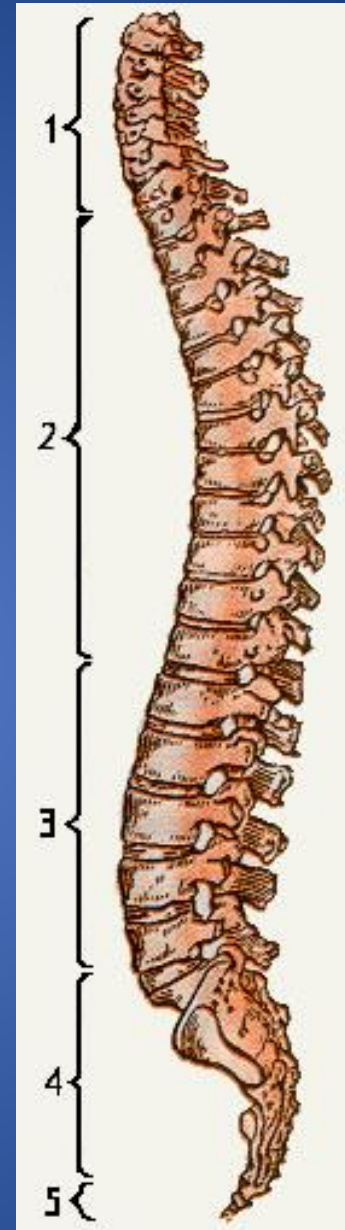
Appendicular skeleton

- Upper limbs bones
- Lower limbs bones

**The Spine is
composed of 33
seperate vertebrae:**

1. 7 cervical vertebrae
2. 12 thoracic vertebrae
3. 5 lumbar vertebrae
4. 5 sacral vertebrae
5. 1-5 coccyx

(* The vertebra is a small bone which is formed by the body and the arch)

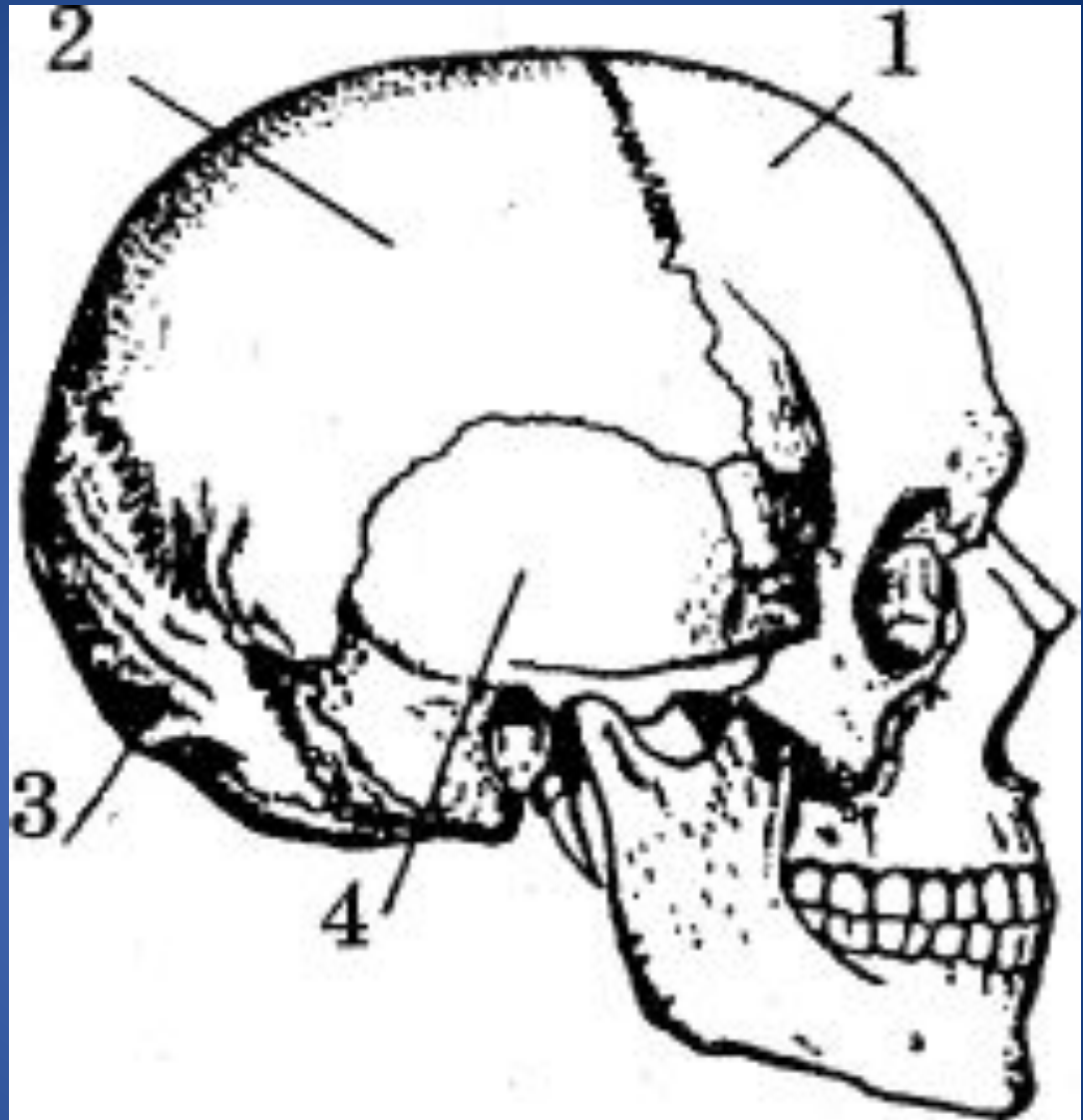


**Skull has two
departments:**

- back skull
- facial skull

Skull bones:

- 1) Frontal
- 2) Parietal
- 3) Occipital
- 4) Temporal

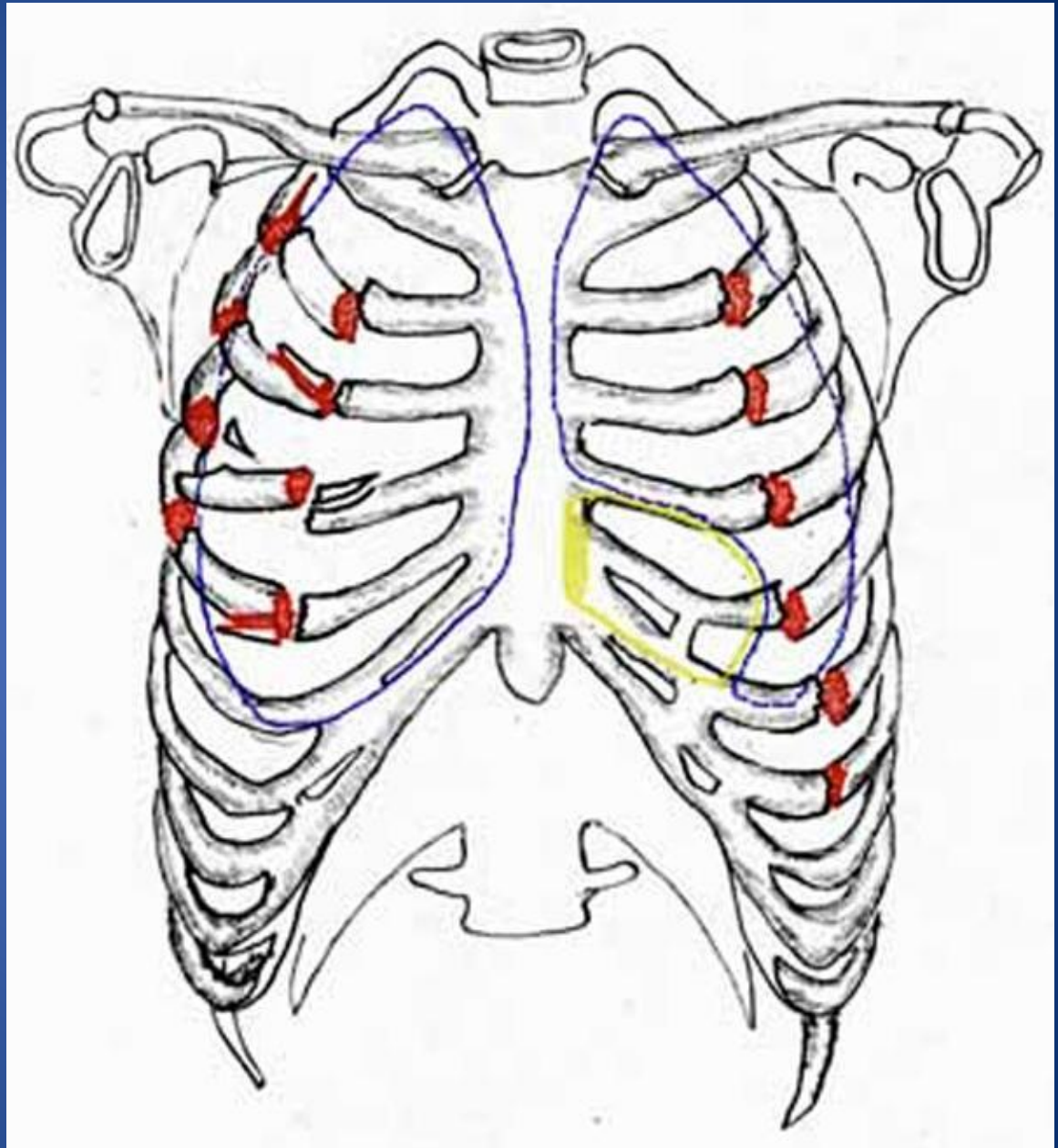


Thorax is supported by the spine.

It is composed of 12 thoracic vertebrae, the breastbone, and 12 pairs of ribs.

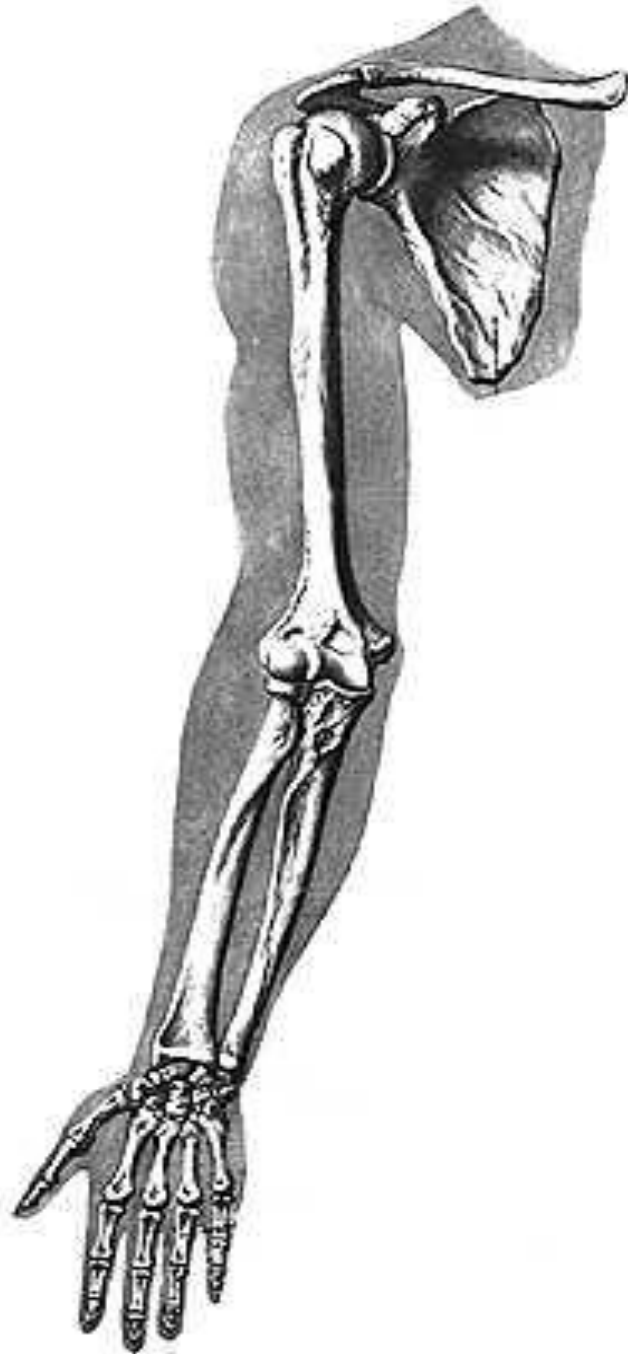
The breastbone is a long bone in the middle of the chest.

Each rib consists of a head, neck and body.



Upper limbs are formed by:

- Clavicle
- Scapula
- Ulna bone
- Radius bone
- Phalanges



Lower limbs are composed of:

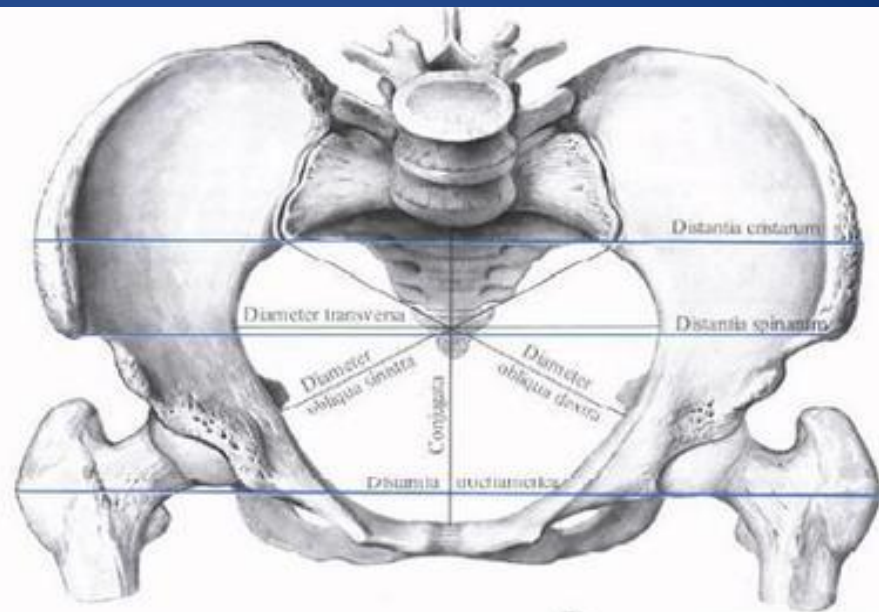
- Femur
- Fibula
- Tibia
- Phalanges



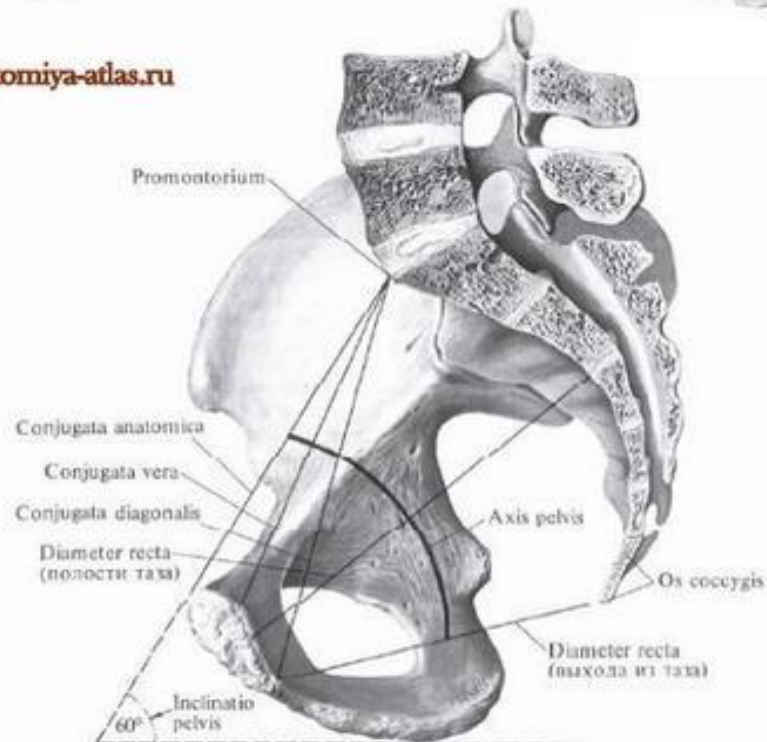
Pelvis connects lower limbs with the trunk.

Bones of the trunk are connected together by joints, cartilages and ligaments.

The bones consist of organic and inorganic substance.



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Latin Terminology versus English Terminology

• sceletum /skeleton	skeleton
• thorax	thorax
• cervicalis	cervical
• thoracalis	thoracic
• sacralis	sacral
• coccyx	coccyx
• frontalis	frontal
• temporalis	temporal
• occipitalis	occipital
• parietalis	parietal

Literature:

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THANKS FOR ATTENTION.