

GENERAL ANATOMY

BS RIT,OTT,MLT

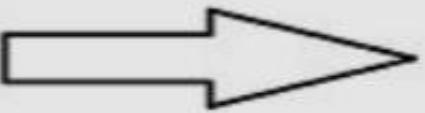
1ST SEMESTER

DR DANISH

Anatomical Position

- In this position the body is regarded as standing erect, eyes looking forward to the horizon, upper limbs hanging by sides with palms of hands directed forward & the feet lying together with toes pointing forward

The Anatomical Position

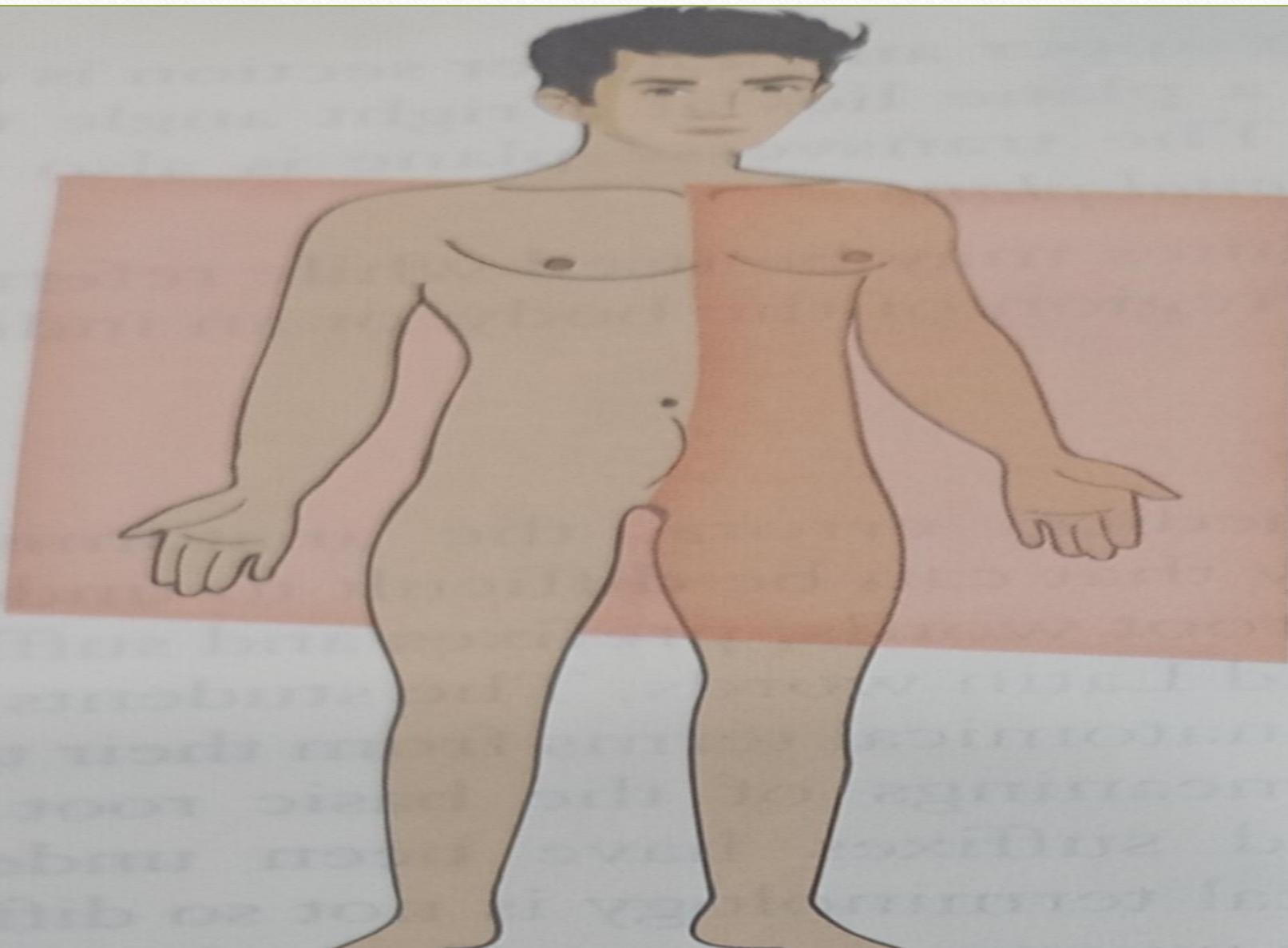


Planes of the Body

1. Median plane.
2. Coronal plane.
3. Transverse plane.

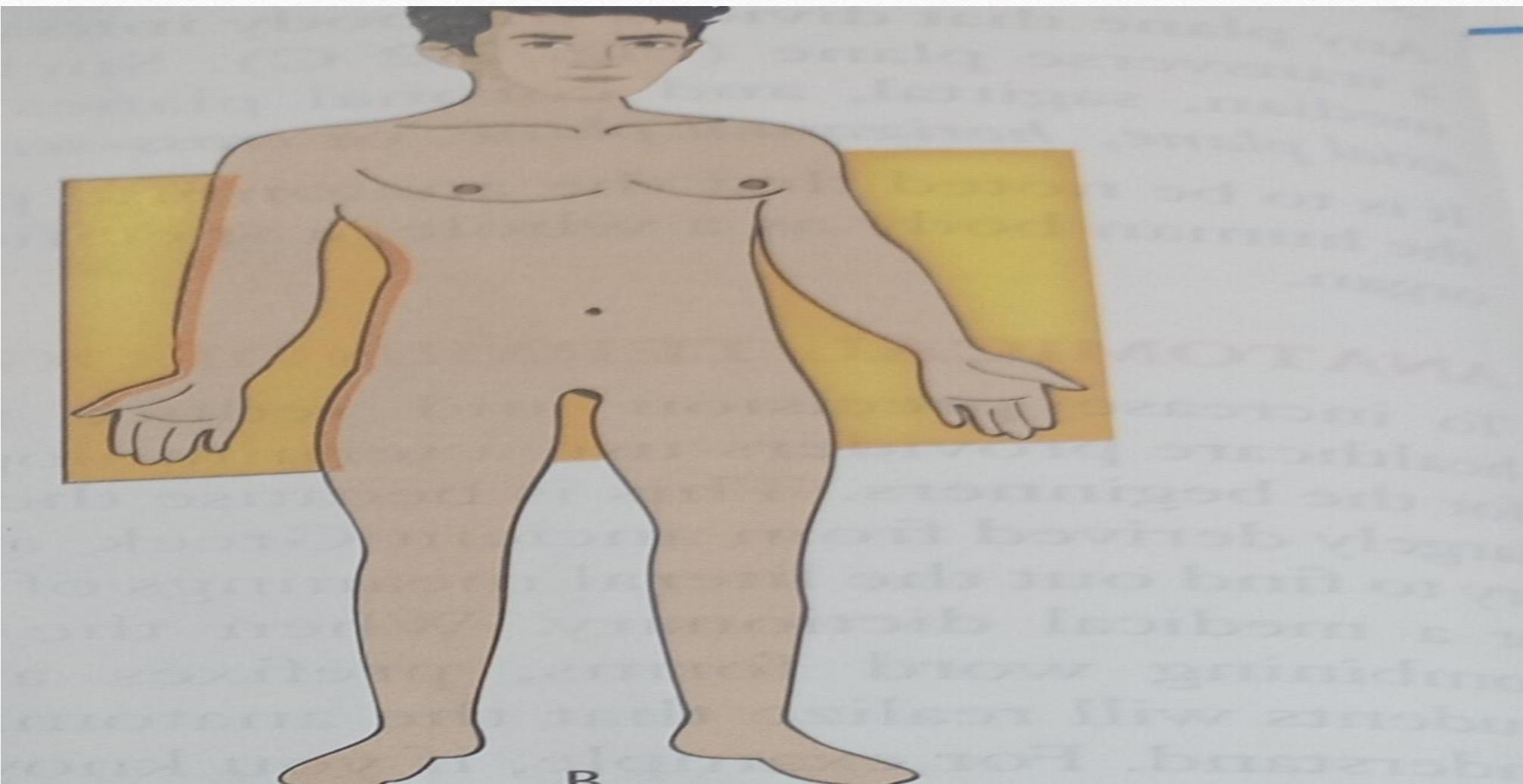
Median Plane(Mid sagital plane)

- Vertical plane that passes through midline of the body & divides it into right & left halves



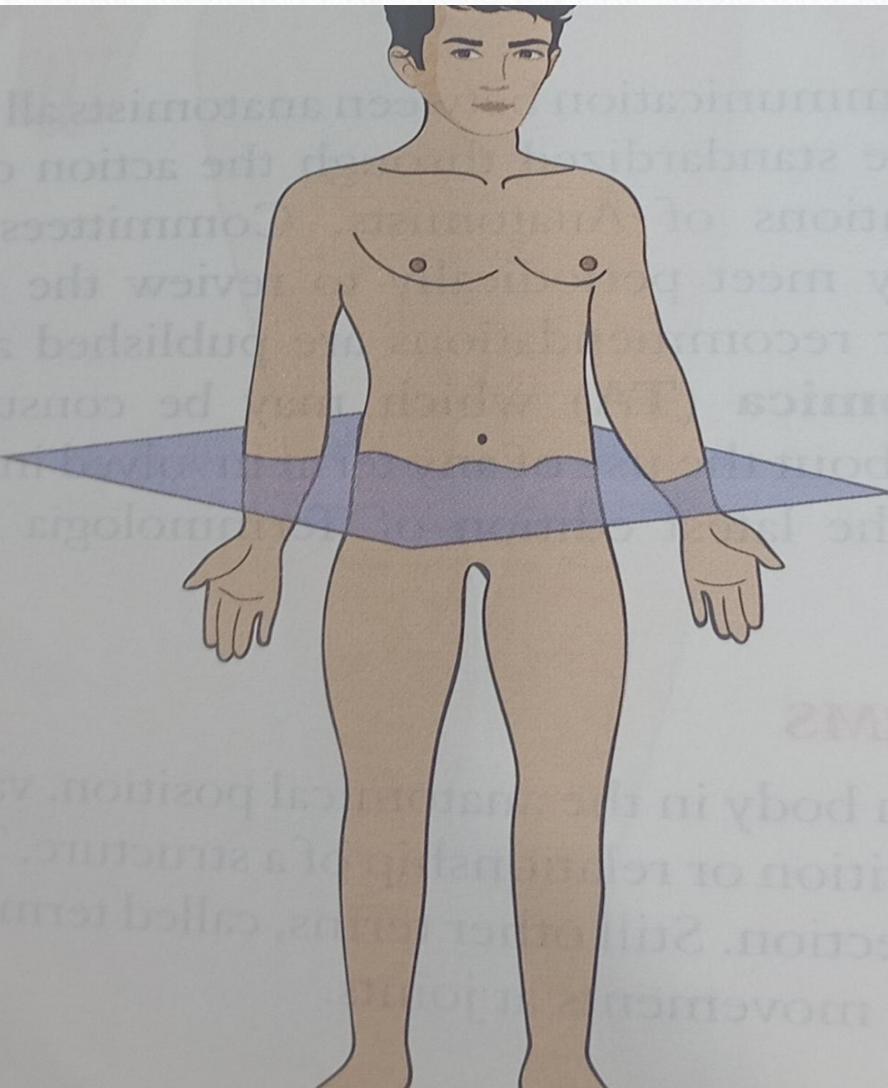
Coronal plane(frontal plane)

- Any vertical side to side plane at right angle to median plane is called coronal plane.



Transverse plane

- Any plane that divides the body into upper & lower section is called transverse plane.



DESCRIPTIVE TERMS

Considering the human body in a standing position, various terms are used to describe the position of the different parts of a structure. These terms are used to describe the position of movement, size, position, and class of position or direction. Size, position, and class of position are used to describe the position of movement, while direction is used to describe the position of the different parts of a structure.

Anatomical Terms of Positions

Anterior & Posterior

- **Anterior:** Towards or at the front surface of the body .
- E.g (Chest is Anterior to Spine)
- **Posterior:** Towards or at the back surface of the body.
- E.g(Spine is posterior to chest)

Medial & Lateral

- **Medial:** Towards the median plane of the body
- E.g(Nose is Medial to eyes)
- **Lateral:** Away from the median plane of the body
- E.g(Eyes are lateral to Nose)

Superior & Inferior

- **Superior:** Toward the top of head
- E.g(head is superior to shoulders)
- **Inferior:** Toward the sole of feet
- E.g(foots are inferior to knees)

Superficial & Deep

- **Superficial:**Nearer to surface of body
- E.g(Muscles are superficial to Skin)
- **Deep:**Farther away from surface of the body
- E.g(heart,lungs ,nerves are away from surface of body)

Internal & External

- **Internal:** Nearer to interior of the body
- **External:** Farther away from interior of body

Proximal & Distal

- **Proximal:** Towards the origin/beginning of a structure
- E.g(Elbow is proximal to wrist)
- **Distal:** Away from origin or beginning of structure
- E.g(Hand is distal to shoulder)

Palmar & Plantar

- **Palmar:** Pertaining to front surface of hand.
- **Plantar:** Pertaining to the sole of foot.



**THANK YOU FOR YOUR
ATTENTION**



YESSSS, FINALLY OVER!

by 4memes.net