

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

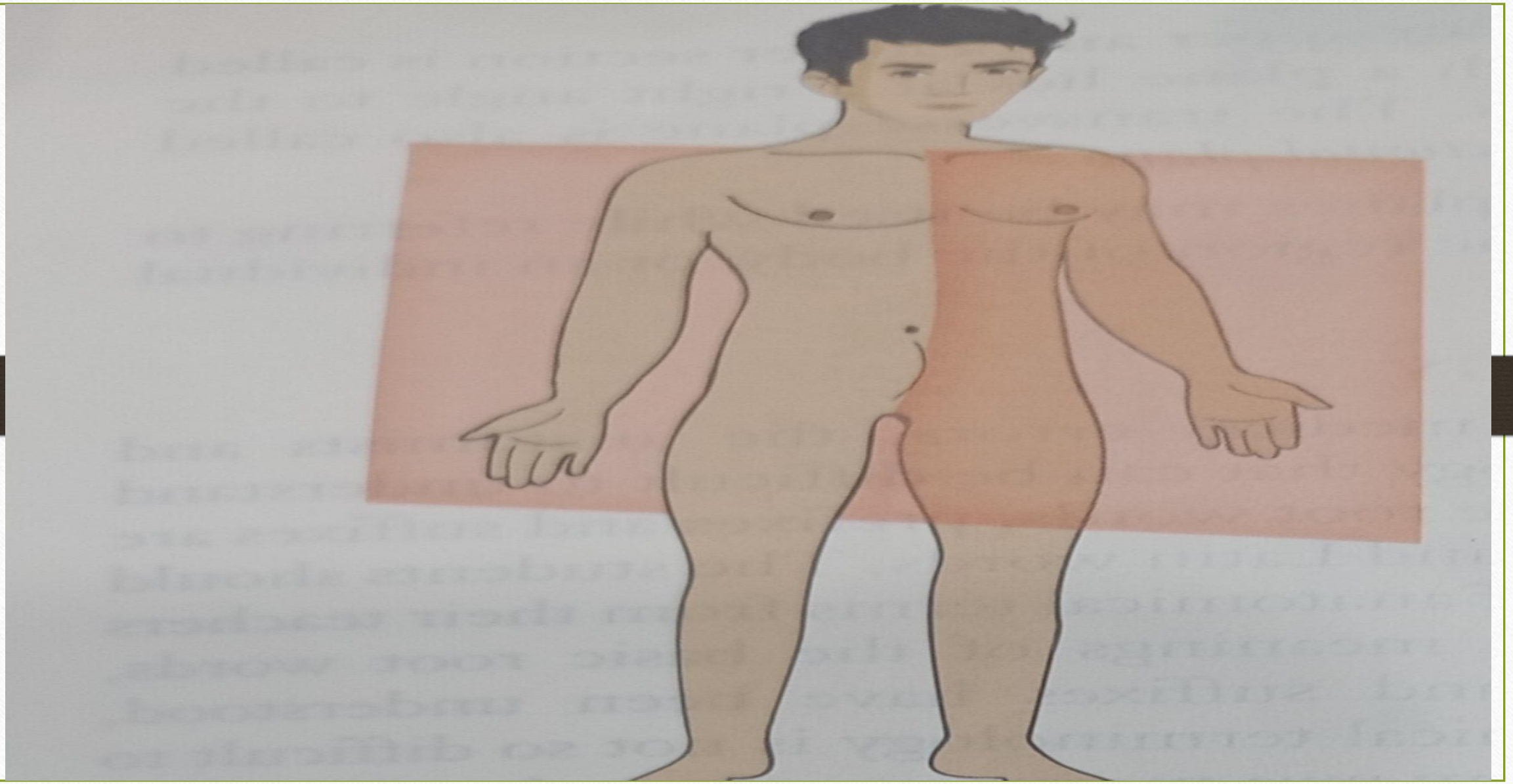


Planes of the Body

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

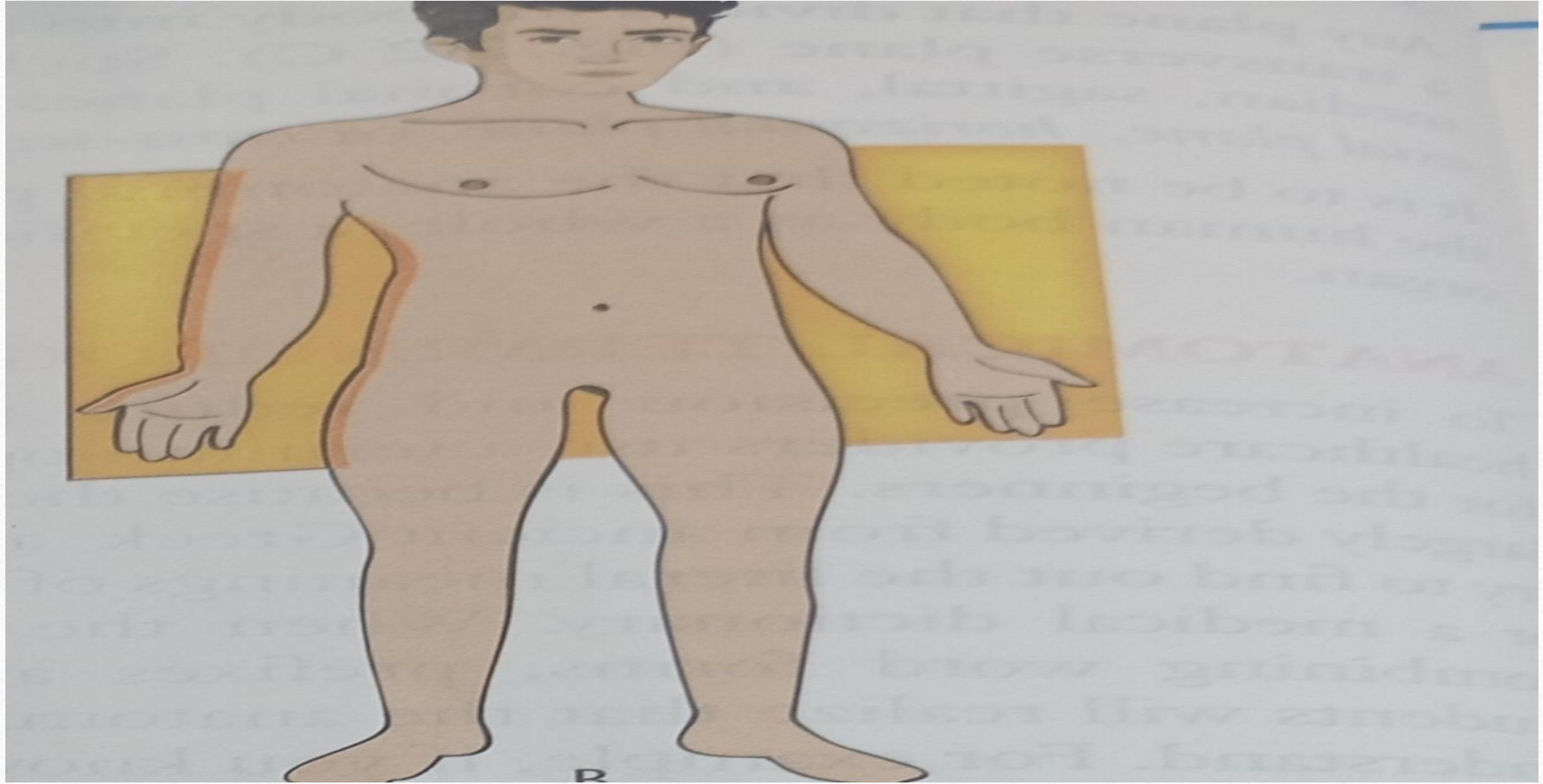
Median Plane(Mid sagital plane)

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



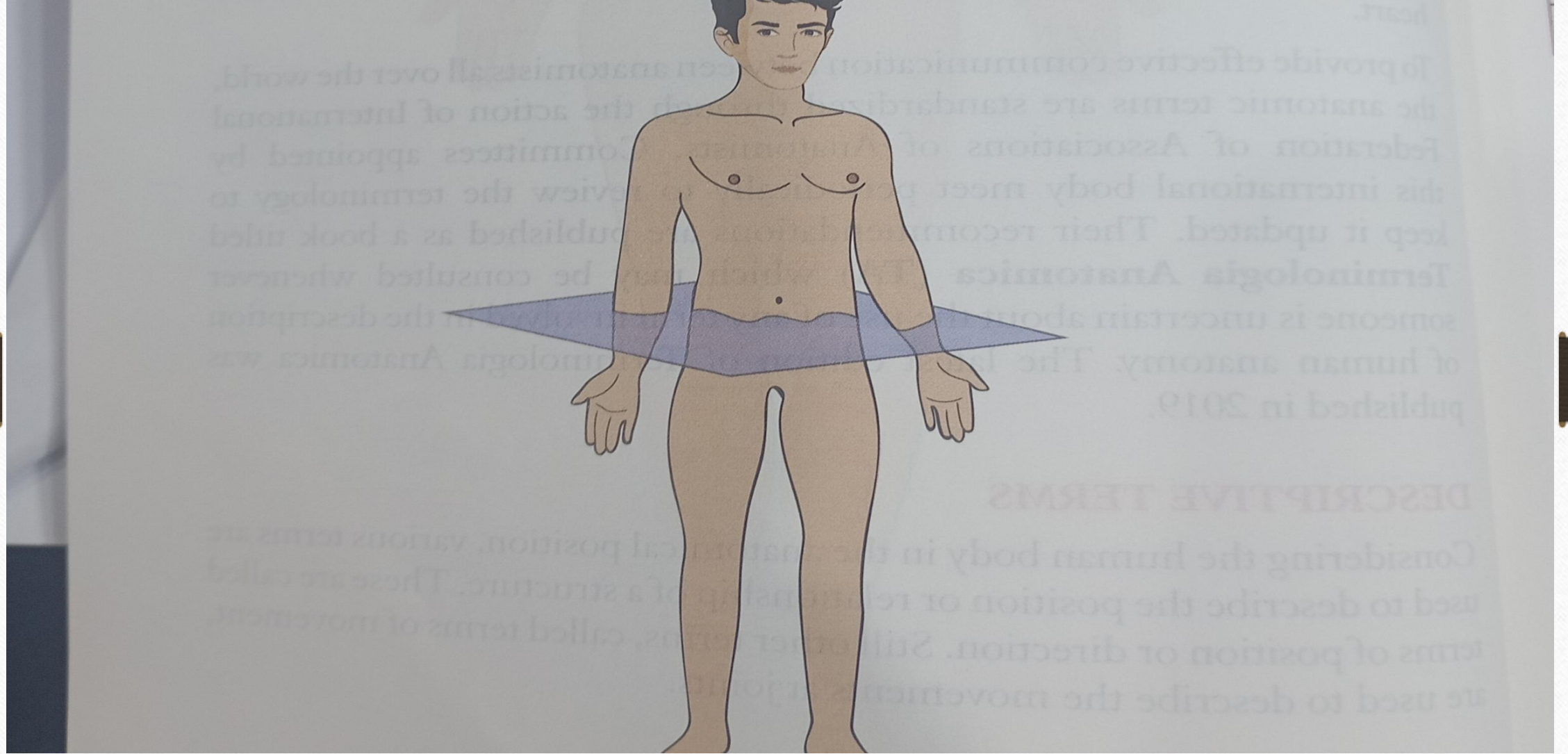
Coronal plane(frontal plane)

- 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.



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**



YESSSSS, FINALLY OVER!

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