

# Plana Corporis

- The planes, which are supposed to have passed through various parts of the body and which are projected by the projections of various organs, are called "planum".
- **Plan; Plane, Corpus; Body**
  - 1-) **Planum medianum**
  - 2-) **Planum sagittale**
  - 3-) **Planum transversum**
  - 4-) **Planum horizontale**

# Plana Corporis

## Planum Medianum

- An animal standing on four legs is the plane assumed to pass vertically in the direction of the head-tail, right at the center. The body separates the left and right half.
- **Median;** Middle
- **Dexter;** Right

Dexter – Dextra – Dextrum

Ren dexter

A.coronaria dextra

Colon dextrum

- **Sinister;** Left

Sinister – Sinistra – Sinistrum

Kalpte;

Ventriculus sinister

Auricula sinistra

Atrium sinistrum

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## Planum Sagittale

- It is assumed that an archer holding a bow is named inspired from the position of posture and passes parallel to the planum medianum.
- It divides the whole body in and out according to the planum medianum's closeness.
- **Sagitta**; arrow, arrow direction

### Sutura sagittalis

### Crista sagittalis externa

- **Medial**; inner side
- **Lateral**; outer side

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## Planum Transversum

- An animal standing on four legs is a planet medianum and every plane perpendicular to the long axis of the body and the orbital. It divides the body into front and back.
- Head ; rostral - caudal
- body; cranial - caudal
- leg; proximal - distal
  
- **Transverse**; Transverse
- Rostrum; beak
- Cranium; head
- Cauda; queue
- **proximal**; Proximity (near the body)
- Proximus (It): closest
- **distal**; Distant (away from the body)
- Distare (It): Moving away

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## Planum Horizontale

- An animal standing on four legs is the plane (Planum dorsale, Planum Frontale), which is perpendicular to the planum medianum but supposed that the body passes parallel to the long axis of the body organs [parallel to the horizon].
- It divides the body upside down.
- Head ; Frontal - Mandibular
- Body; Dorsal - Ventral
- Fore Leg; Dorsal - Palmar
- Back leg; Dorsal - Plantar
  
- Horizon; Horizon line
- frons; Received
- Mandible; Lower jaw
- Dorsum; Back
- Venter; Abdomen
- Palma; Palm
- Plante; Footwell

# Plana Corporis

- **For human: anterior – posterior – superior – inferior**
- **For animal: ventral – dorsal – cranial – caudal**