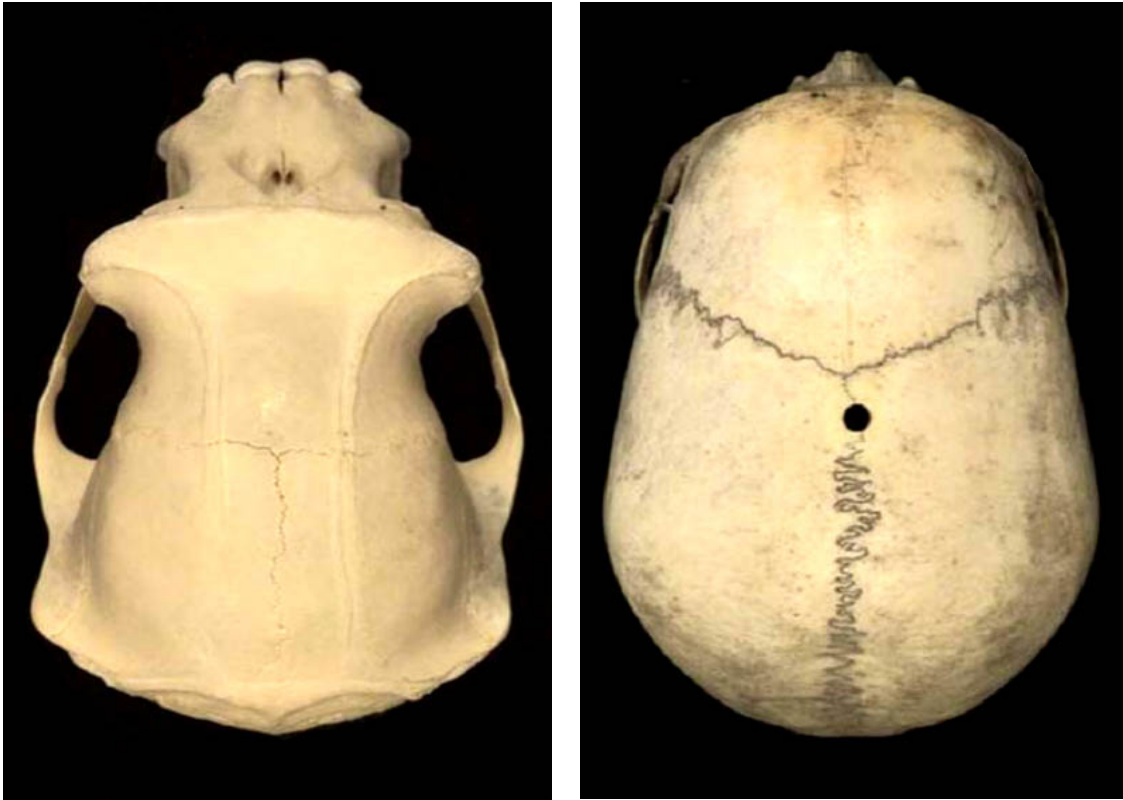


# Cranial Differences

1



Humans have:

- 3x bigger brains
- Orogathic face (chimps have prognathic face)
- No post-orbital restriction

# Cranial Differences

2



Humans have:

- Anterior foramen magnum
- Widest part of skull at top
- Rounded occipital region (no nuchal crest) with small external occipital protuberance

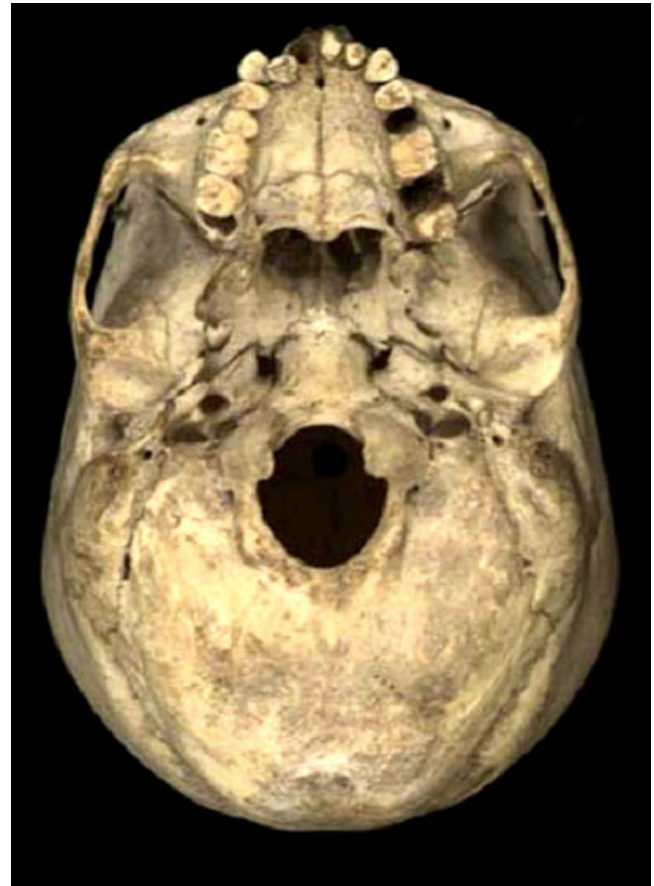
# Cranial Differences



Humans have:

- No supraorbital torus or sulcus
- Projecting nasal bones
- Short snout
- Weak temporal lines

# Cranial Differences



Humans have:

- No diastema
- Anterior foramen magnum
- Big temporal fossa
- Parabolic dental arcade
- Reduced dentition size

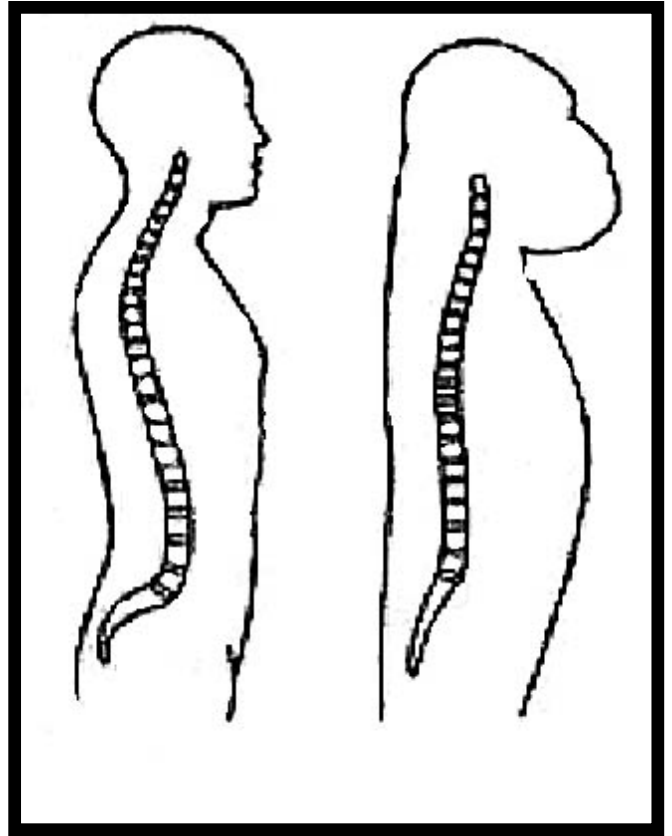
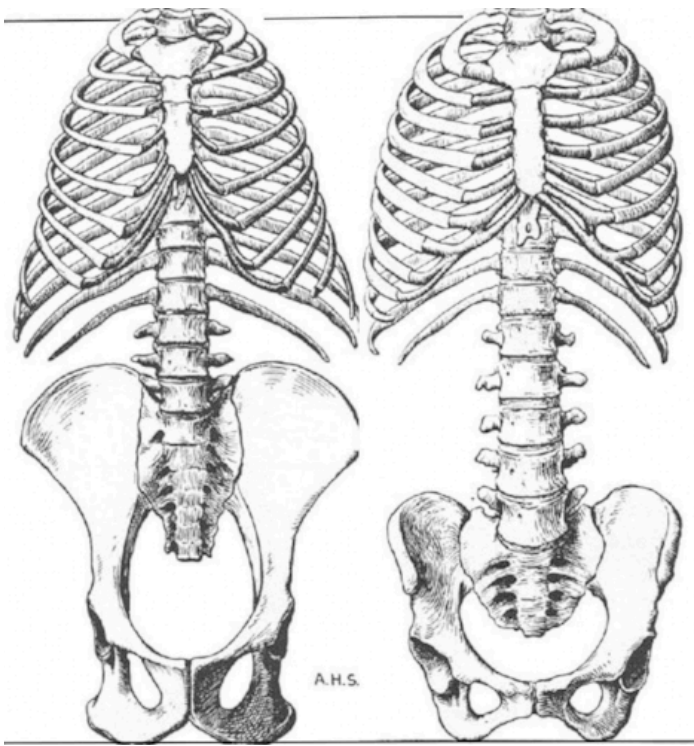


Humans have:

- Short face
- Small canines
- Canine fossa
- Reduced dentition size

# Vertebral & Thorax Differences

6



Humans have:

- Broad un-funneled chest
- Lumbar verts get bigger further you go down
- Spinal curvature



# Pelvic Differences



Humans have:

- Short and broad
- Laterally flaring iliac blades – glut attachment
- Big ass acetabulum
- Wide sacrum
- Posteriorly projecting ischial tuberosity

# Femoral Differences



Humans have:

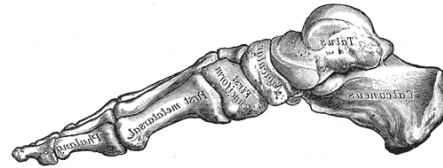
- Longer femoral neck
- Linea aspera
- Bicondylar angle
- Large femoral head and condyles
- Lateral lip for patella – though can't see here



# Foot Differences



Fig. 1. Chimpanzee and human feet in medial view. A, chimpanzee foot in an arched position plantar-flexion about the transverse tarsal joint. B, human foot on the ground. C, chimpanzee foot on the ground; pronation with flexion about the transverse tarsal joint. T.T., transverse tarsal joint.



Humans have:

- Toe in line with rest of the foot
- No grasping big toe
- Double arching foot