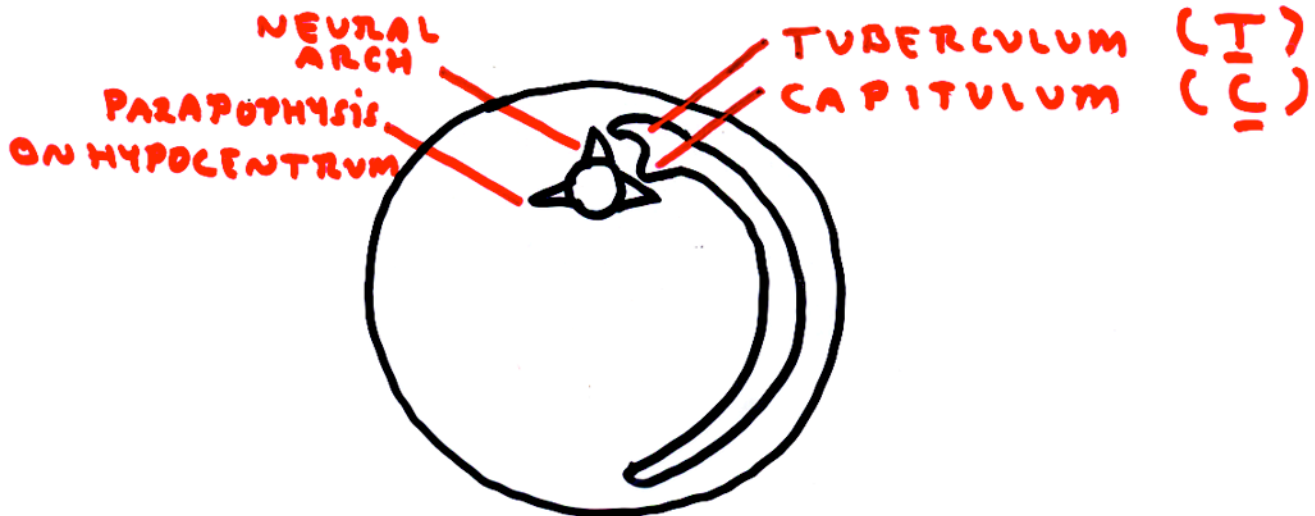


EVOLUTION OF RIB ARTICULATION

13

TETRAPODS

ANCESTRAL TETRAPOD



STAGE 1 (ANCESTRAL)

T ARTICULATES WITH NEURAL ARCH

C " " " HYPOCENTRUM

STAGE 2 (C CHANGES, T NO CHANGE) (DERIVED)

3 DIVERGENT MODIFICATIONS FOLLOW LOSS OF HYPOCENTRUM

- C ARTICULATES BETWEEN VERTEBRAL BODIES
- C " " WITH PLEUROCENTRUM & INTERVERTEBRAL JOINT
- C ARTICULATES WITH JUST PLEUROCENTRUM