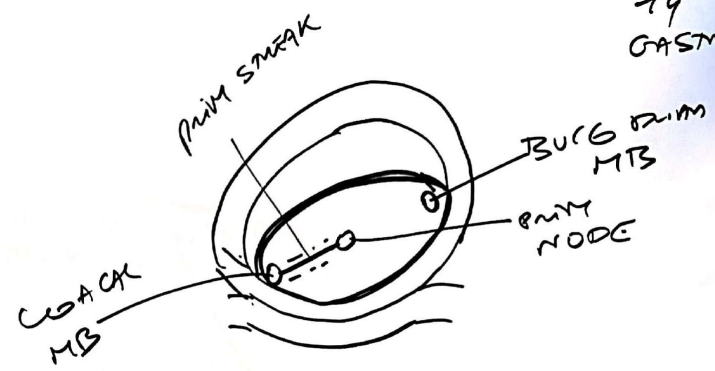
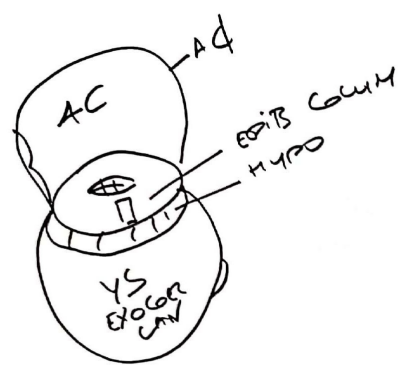
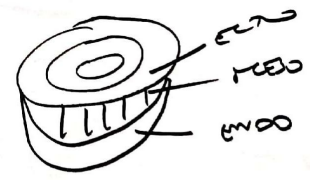
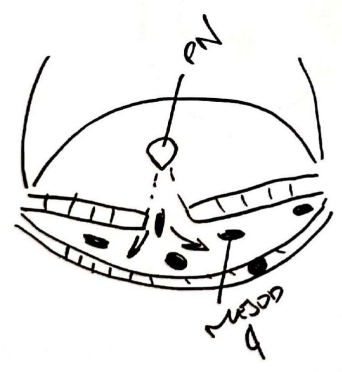


19 GASTRULA



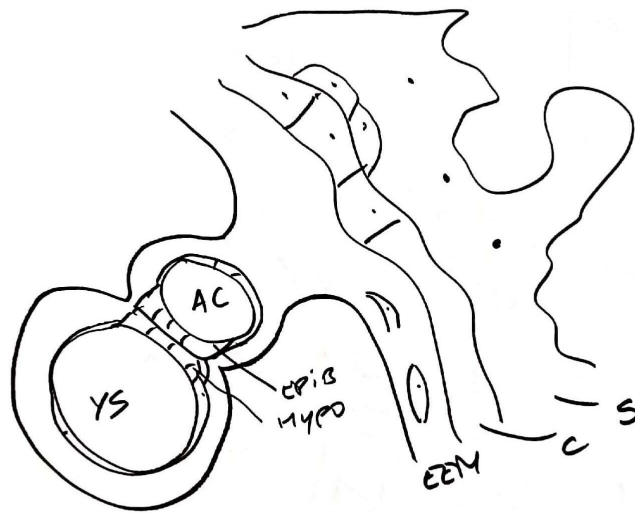
1 BILAMINAR DISK EARLY EMB

2 PRIMITIVE STREAK ↑ IN EPIS AS  
↓ MIGRATE & DIVIDE BENEATH  
THIS LAYER IN MIDDLE EMB

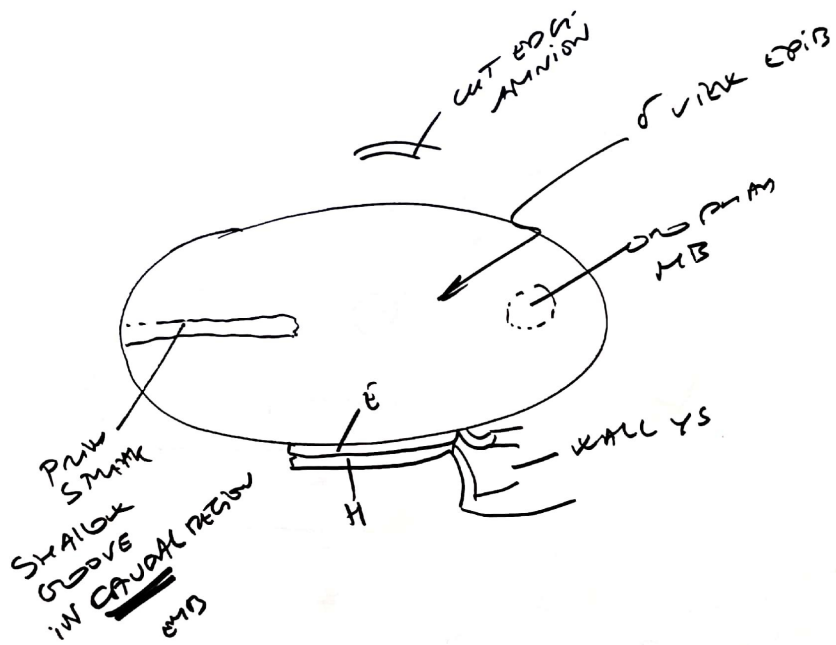


3 ↓ MIGRATION FROM EPIS OVERSHEATH  
THE ↓ BENEATH EVENTY FORMING 3 LAYERS

4 3 LAY TRILAMIN

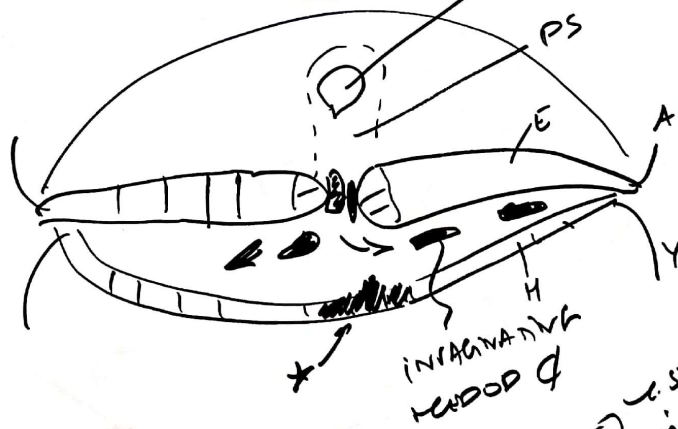
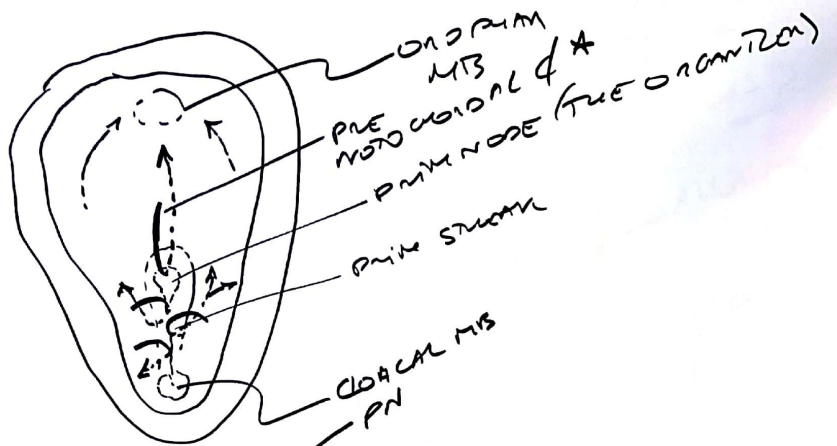


END 2<sup>ND</sup> WEEK



END 2<sup>ND</sup> WEEK

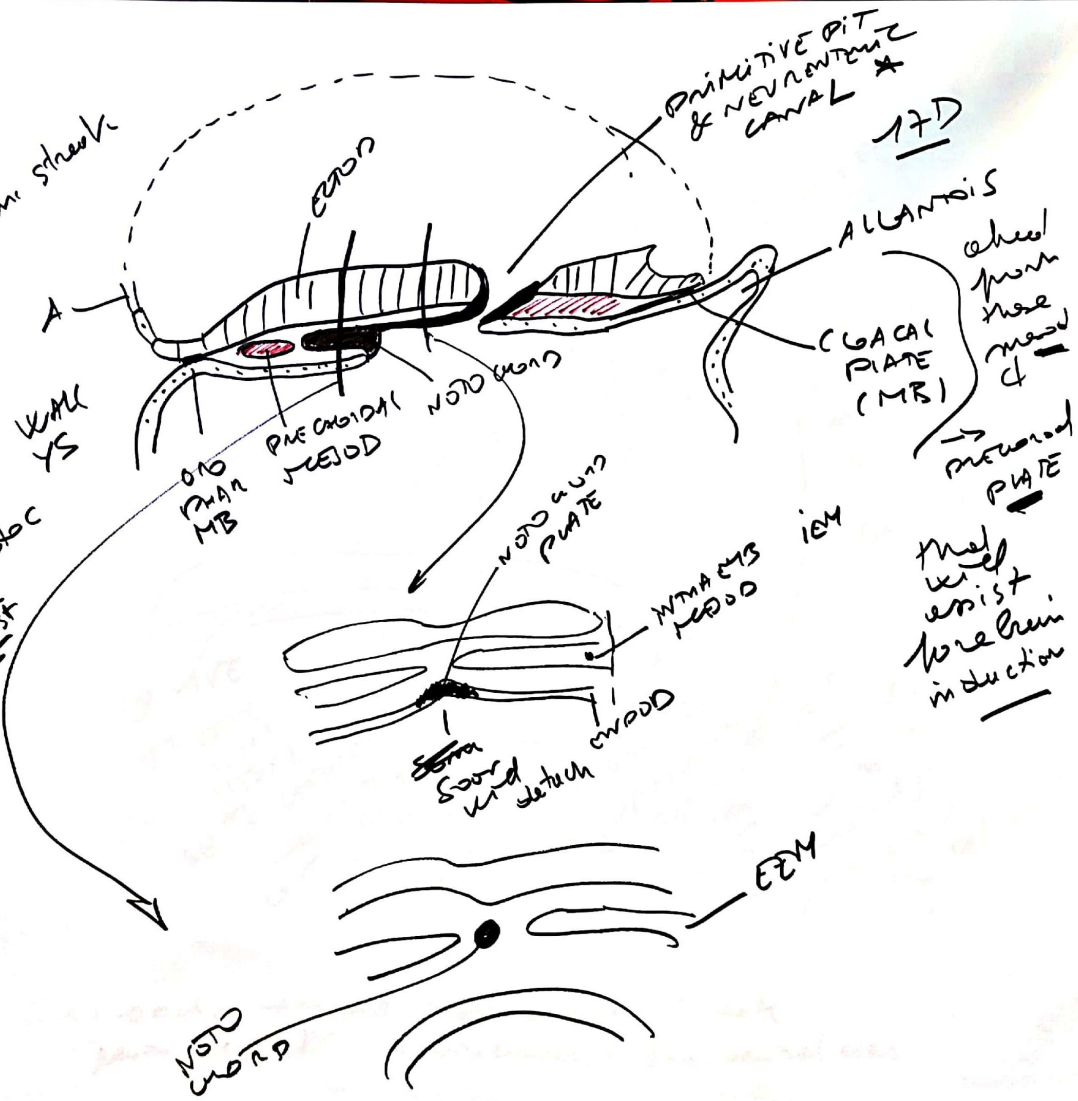
JUVT SPE EPIS &  
 THROUGH  
 PHYL STOMX  
 & NODE  
 & SUBSEQUENT MIGRA  
 OF & BETWEEN  
 HYPO & EPIS  
 16D

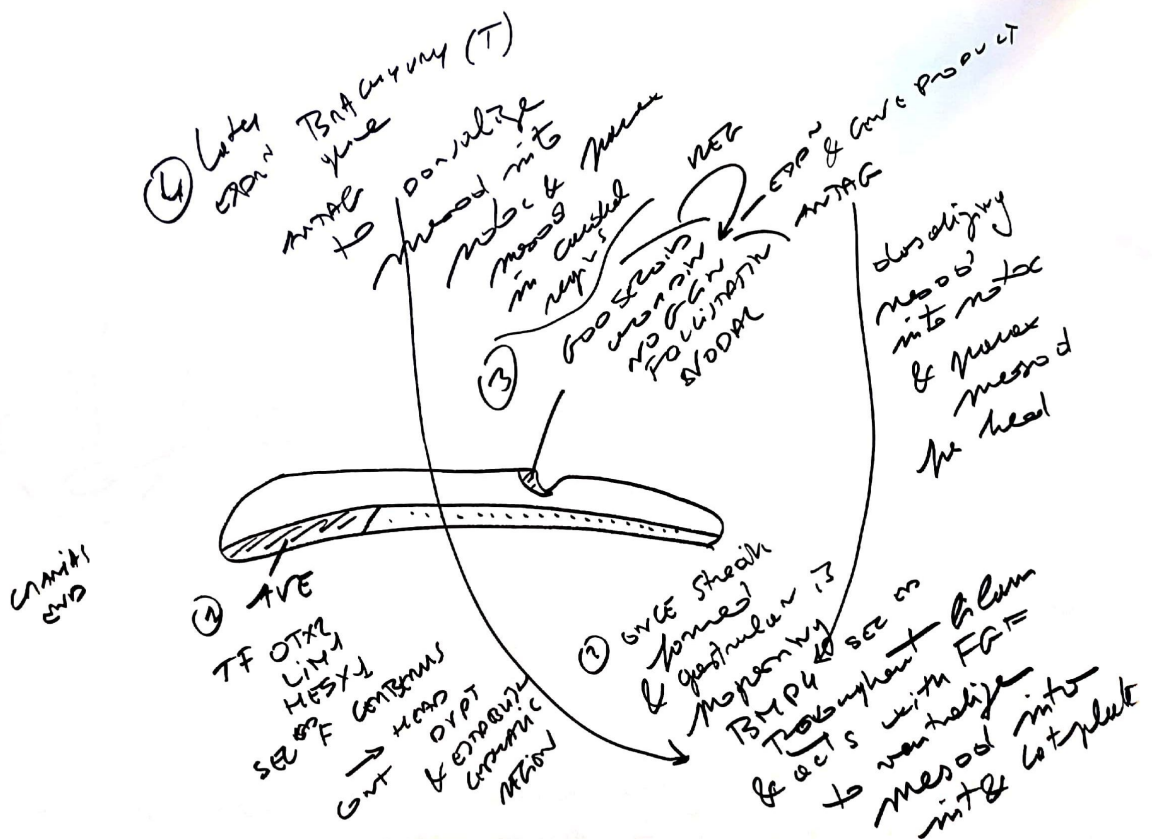


15D

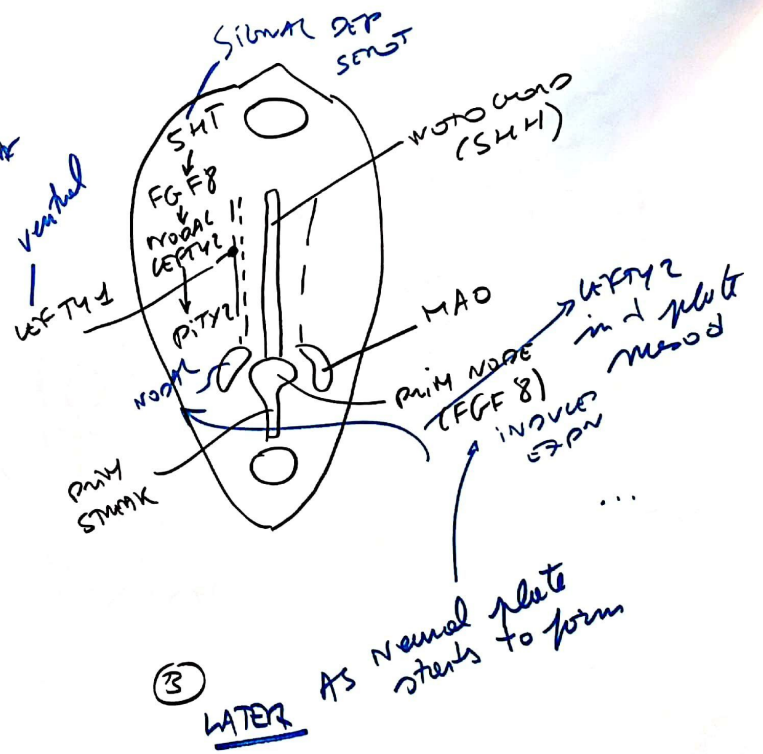
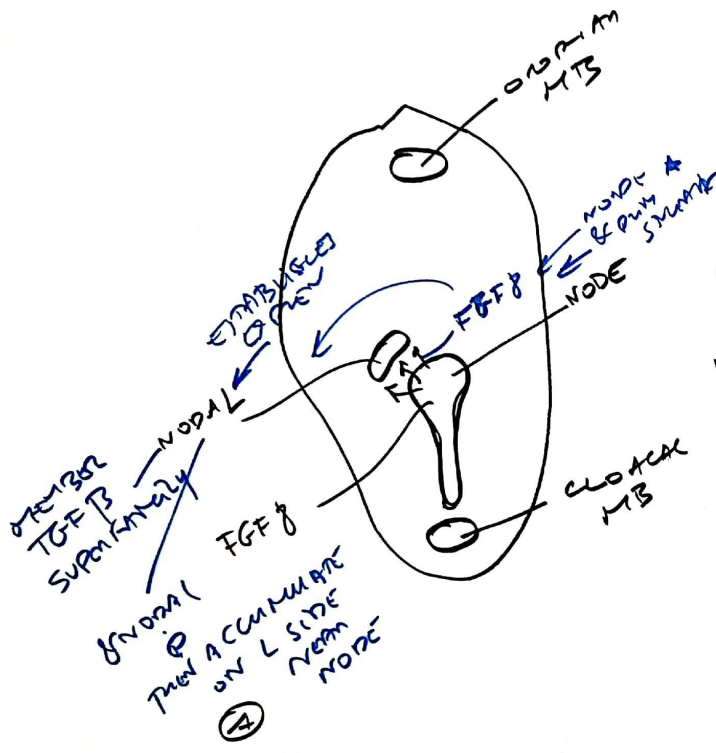
- ① once definitive endod is established inwardly moving epith → mesod
- ② rest of to more inward displace the hypob → create definitive endod

- Form Notochord:
  - neuroblasts of
  - migrate through primitive streak
  - become notochord
  - in endoderm
  - notochord plate
  - & finally separate
  - from embryo
  - definitive notochord
  - in cranial → cranial notochord
  - definitive head

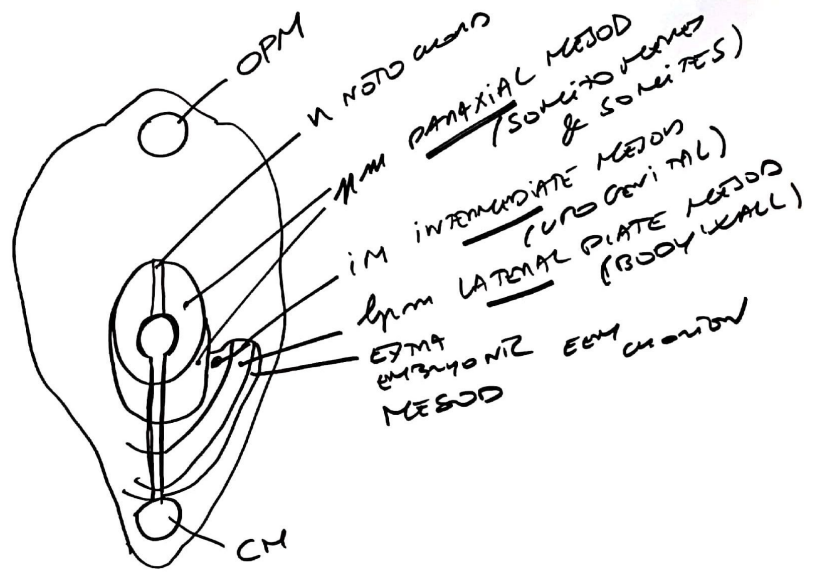




Sag section through node & midline  
genes regulating cranial neural & dorsal ventral axes



DORSAL VIEW DISC SHOWING GENE EXPRESSION PATTERNS RESPONSIBLE FOR ESTABLISHING L-R BODY AXIS



- DORSAL VIEW DISC SHOWING PLATE SUMMIT & FATE TRAP OF EPITIS &
- SPECIFIC REG MIGRATE THROUGH ≠ PARTS NODE & SUMMIT → MESOD