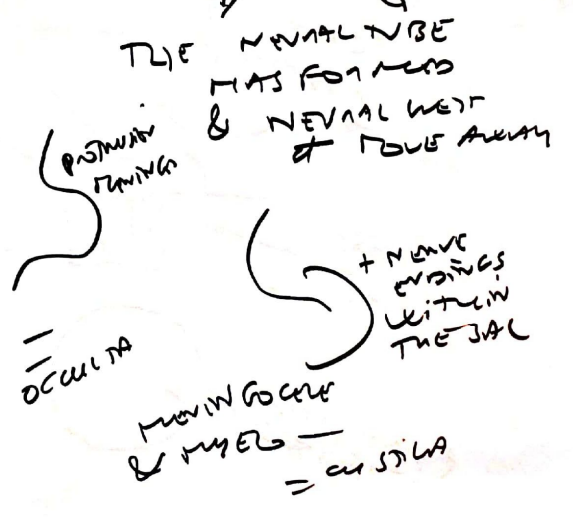
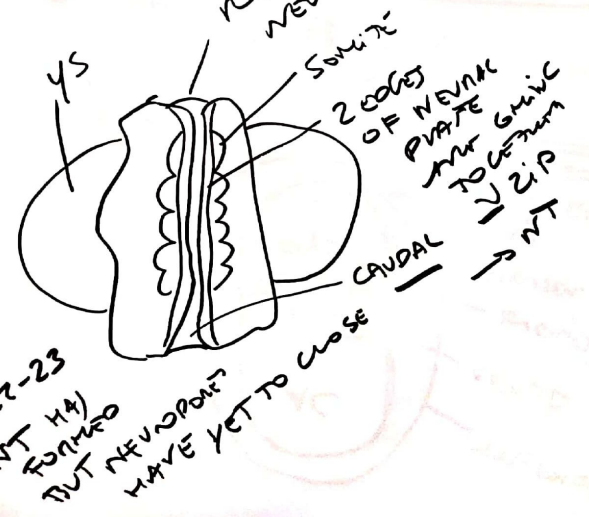
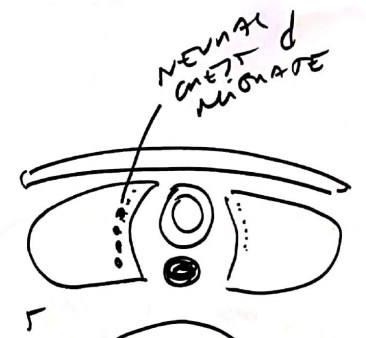
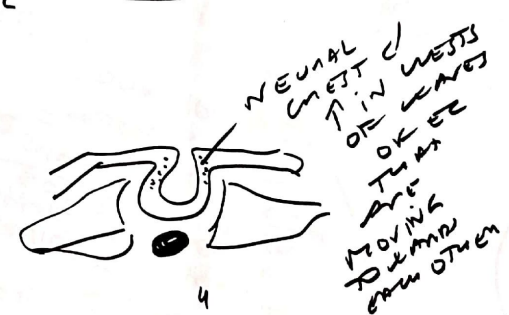
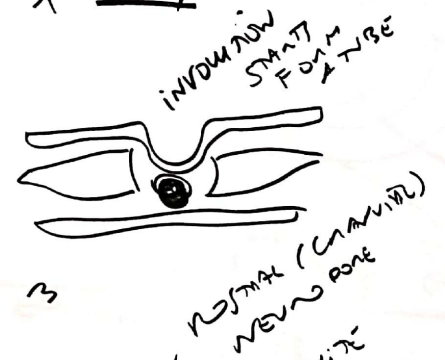
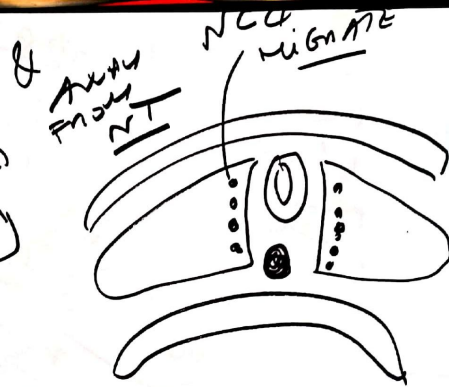
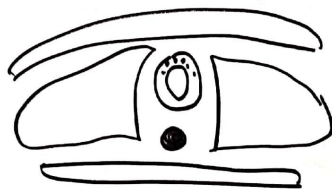


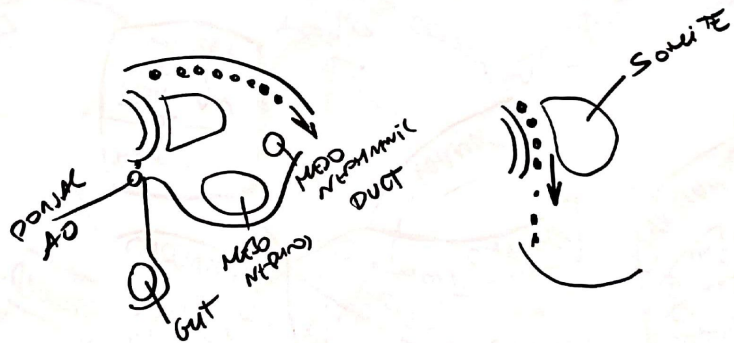
17 NEURULA ~



0 22-23 NT HAS FORMED BUT NEUROBLASTS HAVE YET TO CLOSE



18
NEURAL
CREST
4



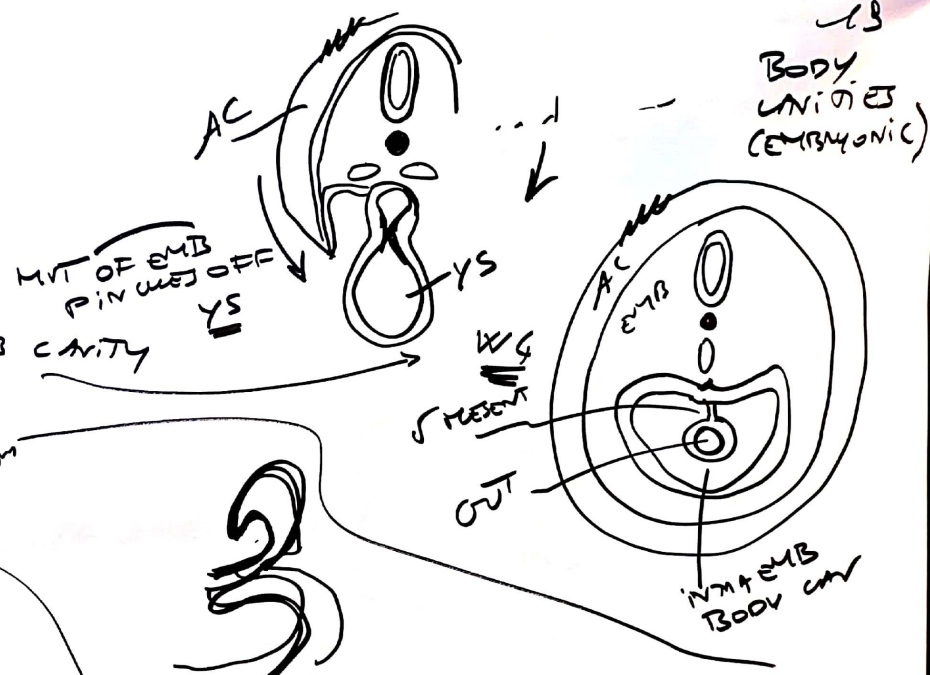
DORSOLATERAL
MIGRATION
OF TRUNK
NCC

VENTRAL

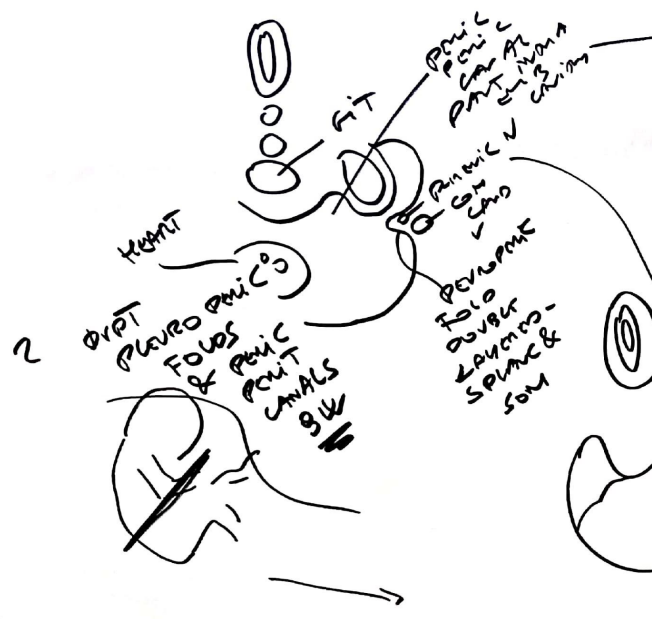


6-8 ~ GEN 7 LAYERS

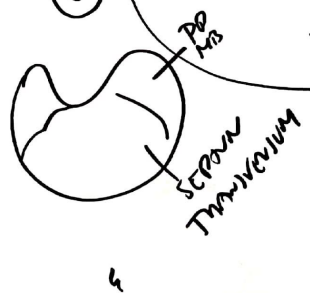
1 FORMATION INTRA EMB CAVITY

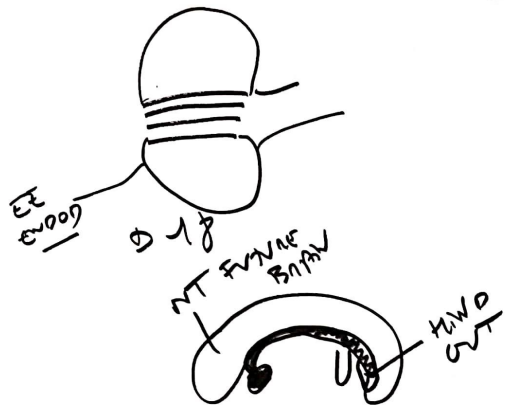


13 BODY UNITS (EMBRYONIC)



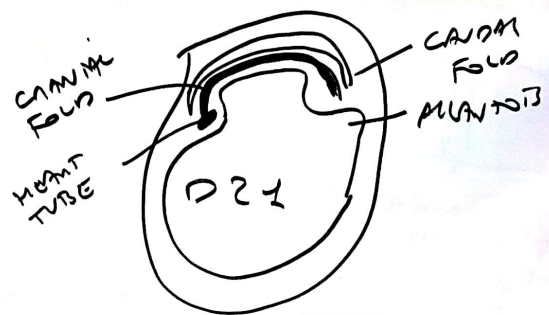
3 DPT THIN CAV FORM PLEURAL & PLEURAL CAV AS LUNGS NOW MADE OF PLUNGING PLEURAL FOLDS FUSE & ROOT END SUP REGION WITHIN PLEURAL CAV





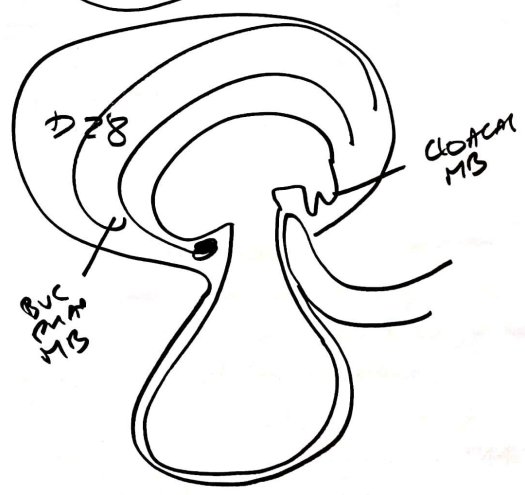
D18

Cranial (HEAD) & CAUDAL (TAIL) FOLDING



D21

20 FOLDING



D28

CLOACAL MB

BUC FEM MB

D18

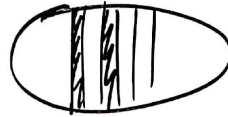
TRANSVERSELY

D26

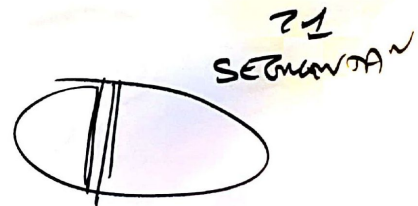
D28



1 EARLY MORPHOGEN STRIPES PATTERN GAP GENE EXPRES



2 PAIR-RULE GENES AND EXPRES IN ALTERNATE STRIPES BY Δ & SEGMENTS CAN BE VISUALIZED BY LOOKING AT THE ANT

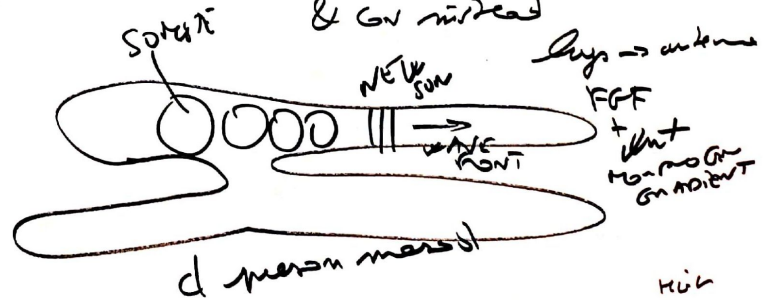


3 SEGMENT POLARITY ARE EXPRES IN BANDS WITHIN SEGMENTS



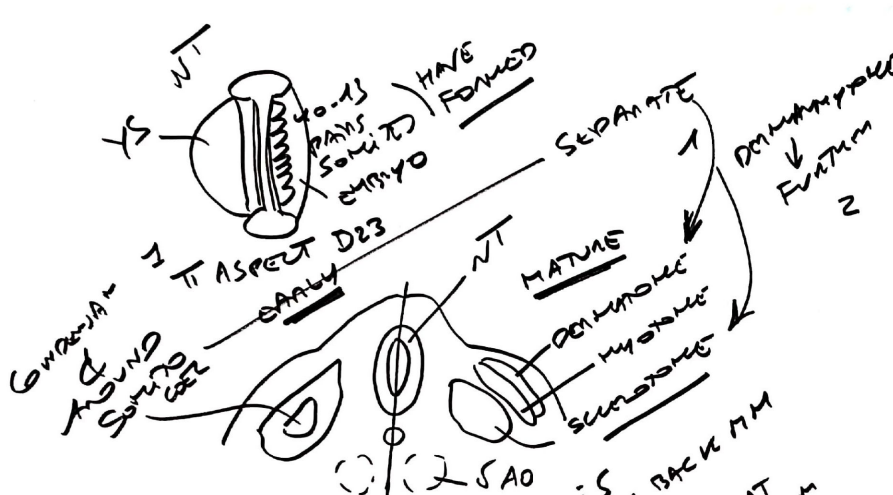
4 Hox genes begin to specify of segments of embryo for morphogenesis (e.g. antennae)

5 if Hox gene expression is disrupted segments are not specified correctly & GV instead



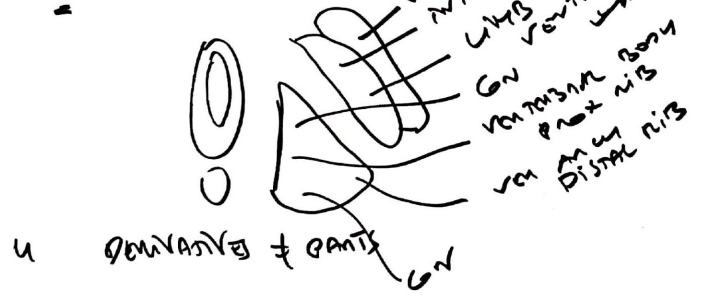
6 Segment clock





MESOD SOMITES
 DVP IN PAIR UNDER ECT
 ALONG LENGTH BACK EMB
 BY D34
 UPTO 37 SOM
 = HAVE FORMED

3 2 STAGES SOM DROT
 DERMIS
 MUSCLES
 LIGAMENTS
 VERTEBRAL
 LAMINAE
 VERTEBRAL
 BODIES
 VERTEBRAL
 FORAMINA
 VERTEBRAL
 ARCHES



6
 SHINGLES
 CAN
 HIGHLY
 DERMOME

