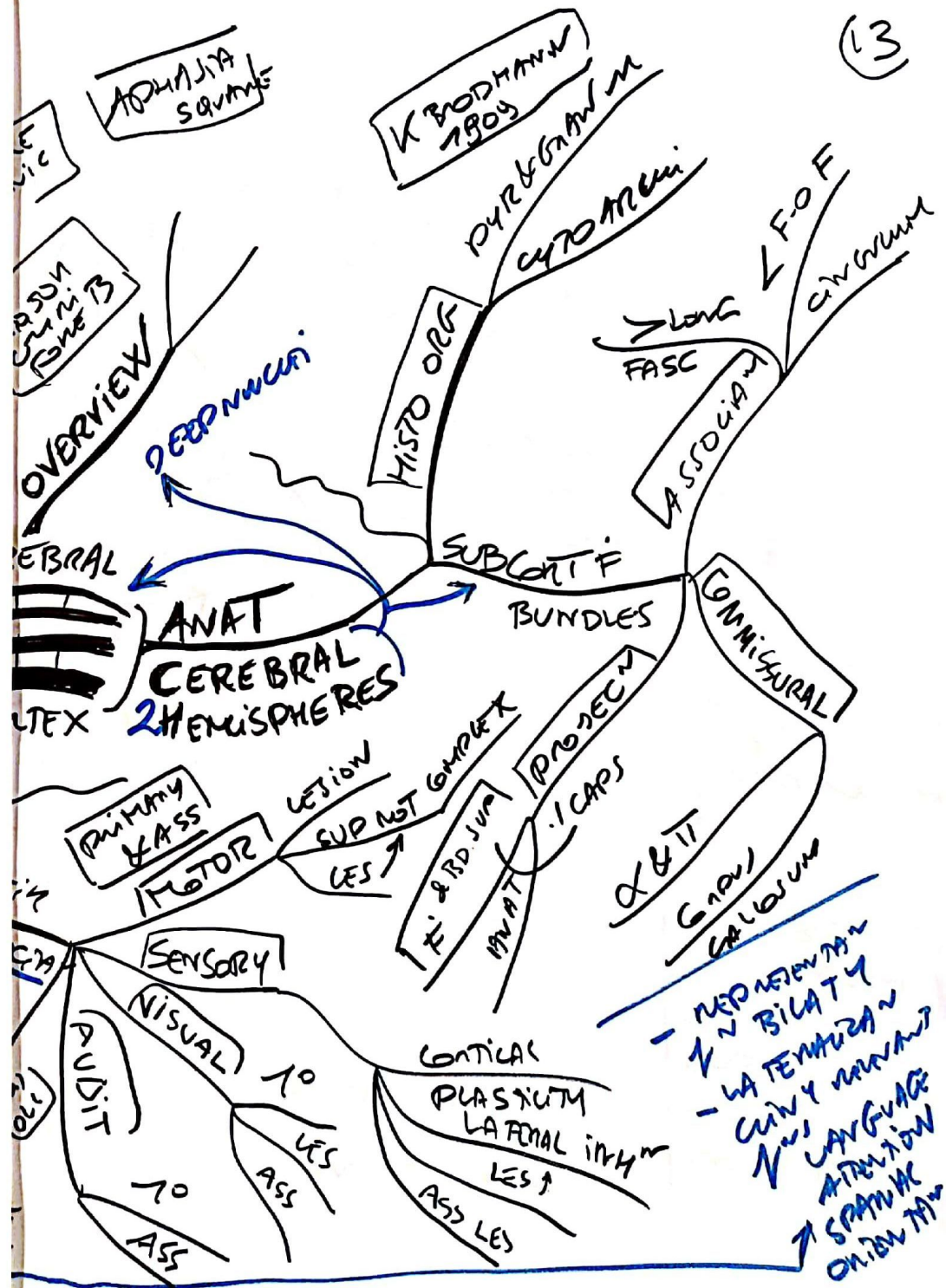
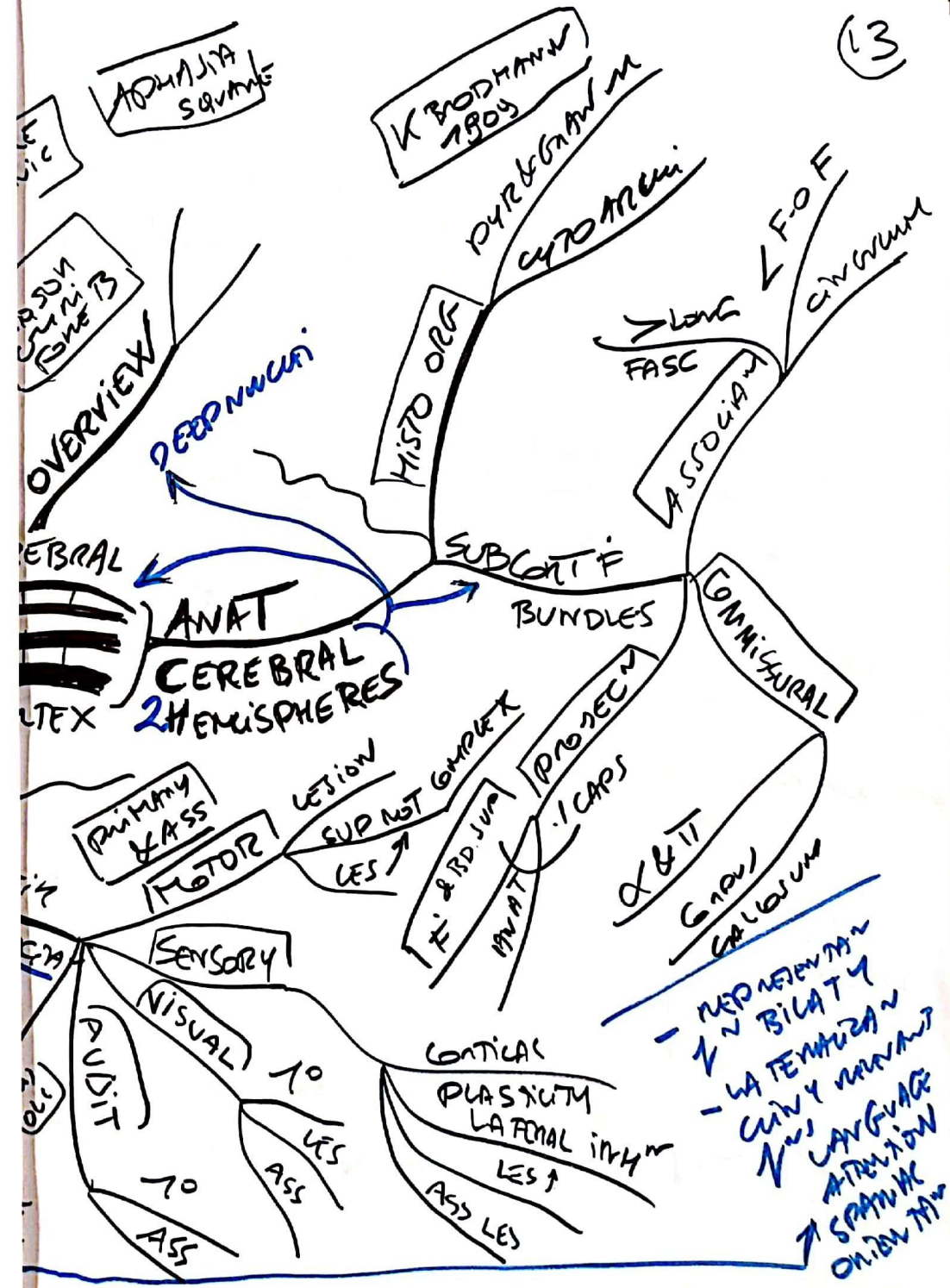


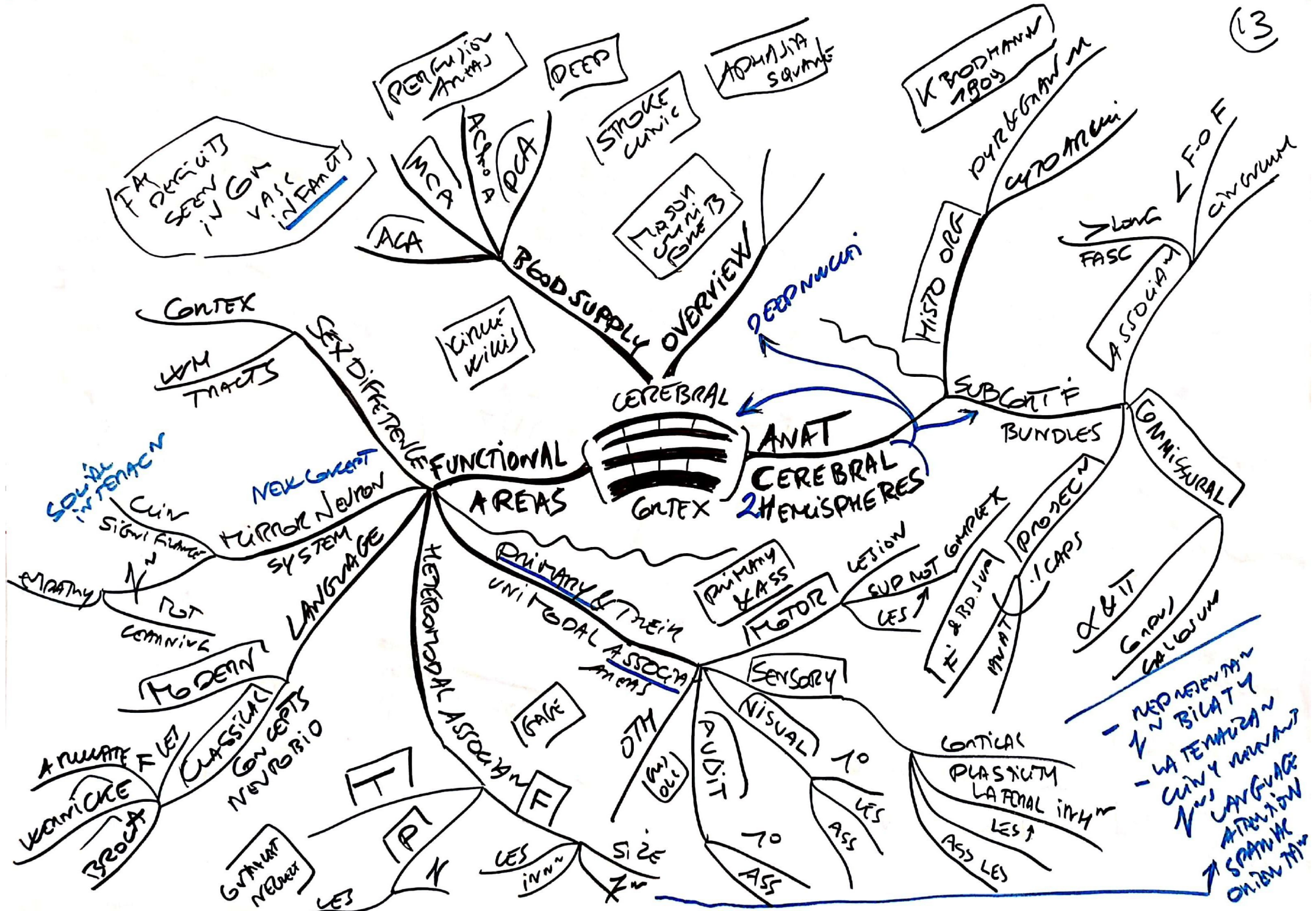
# CEREBRAL CORTIX

$$\begin{array}{r}
 54 \\
 + 6 \\
 \hline
 = 60 \text{ pages}
 \end{array}$$



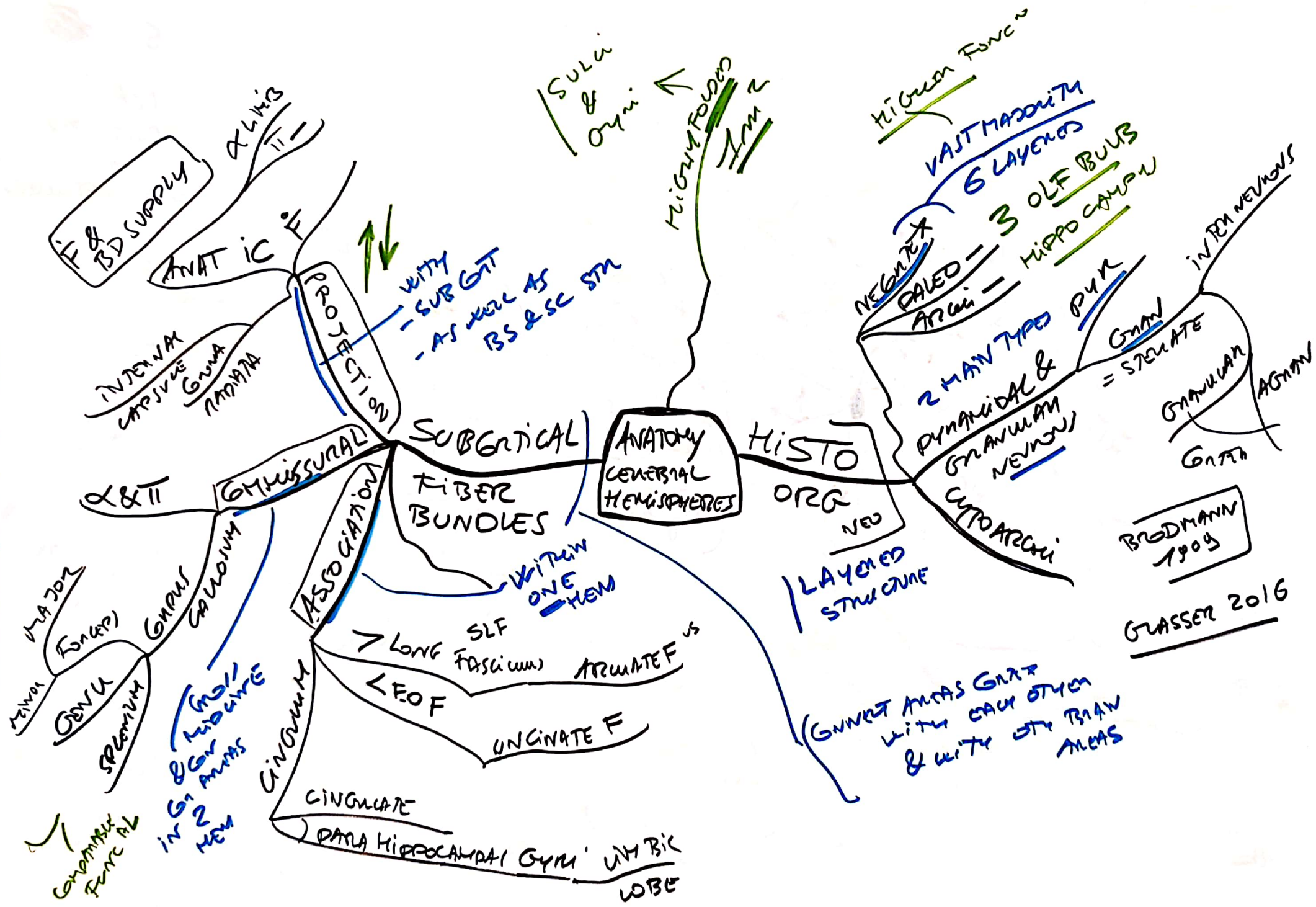


CONTENTS & SUMMARY

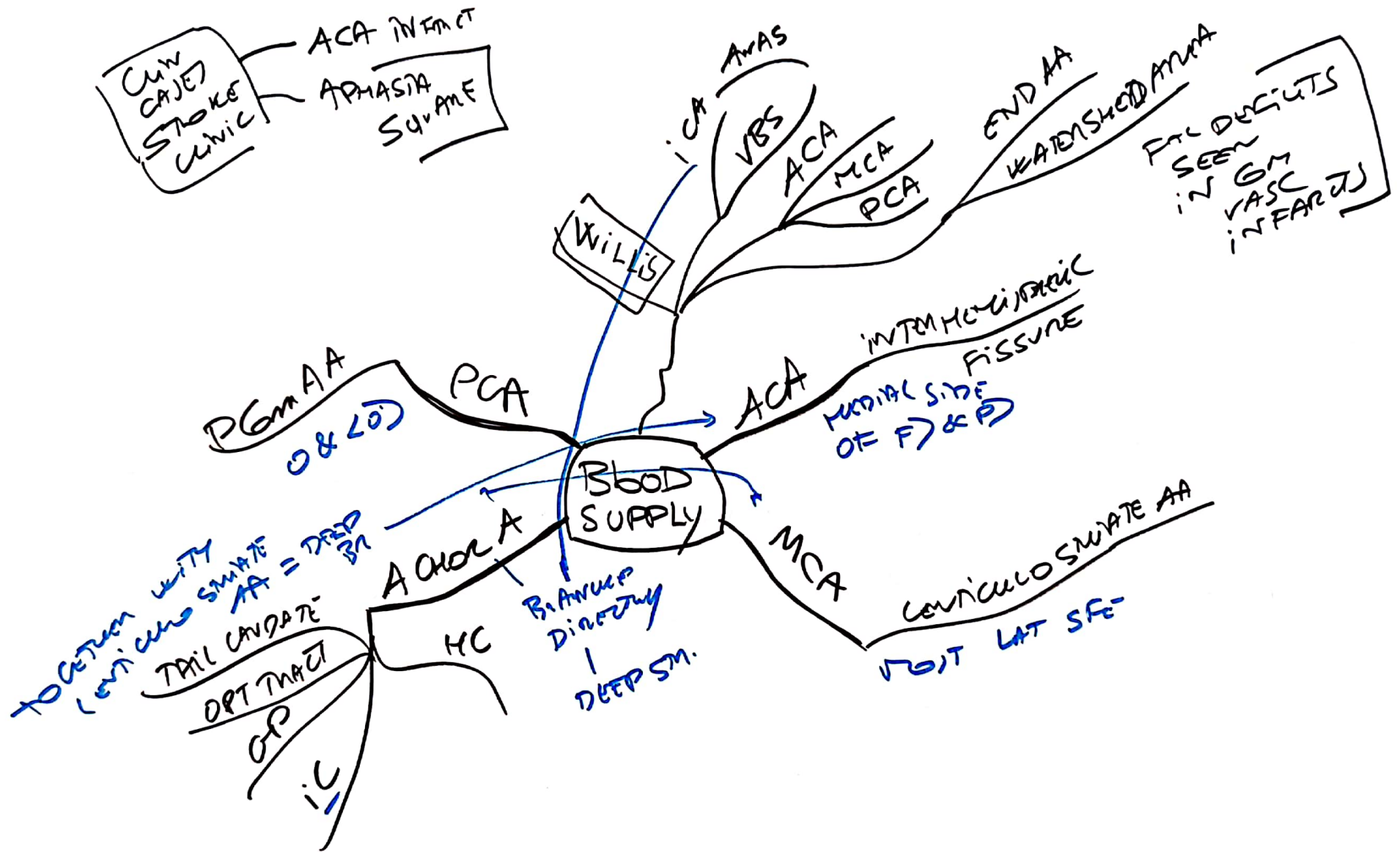


MAJON Gym  
KONSTRUKTION

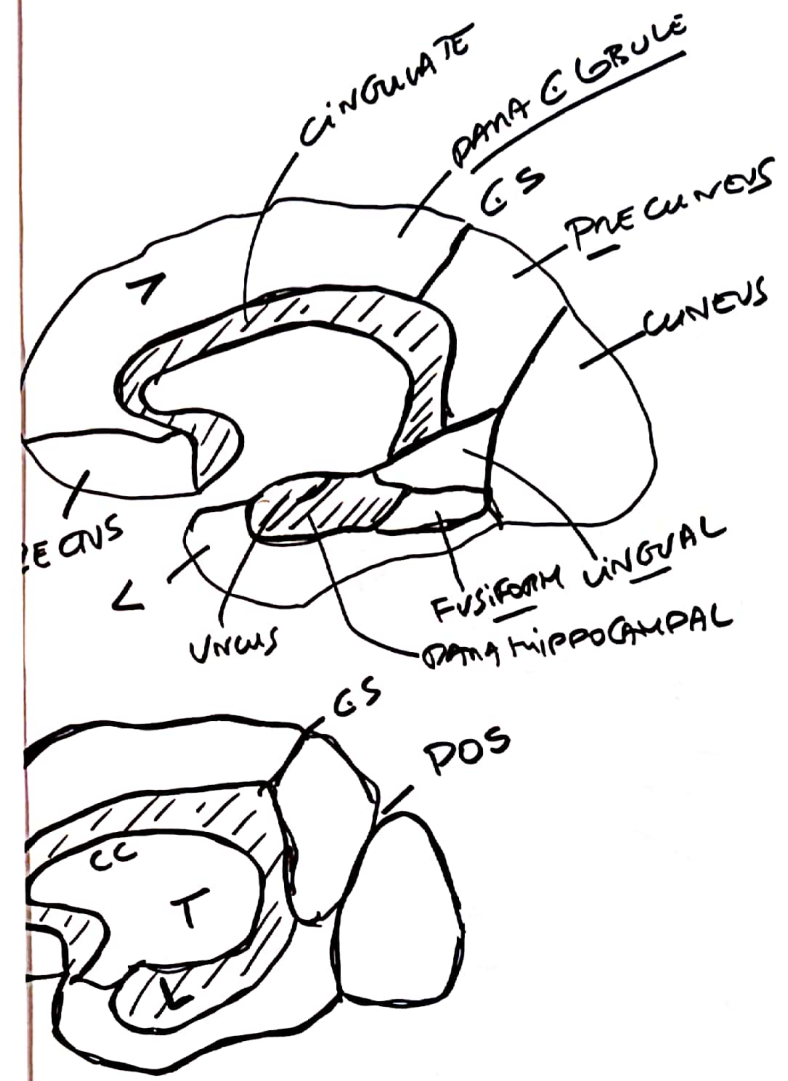
oferriex







# MAJOR gyri FOLDS

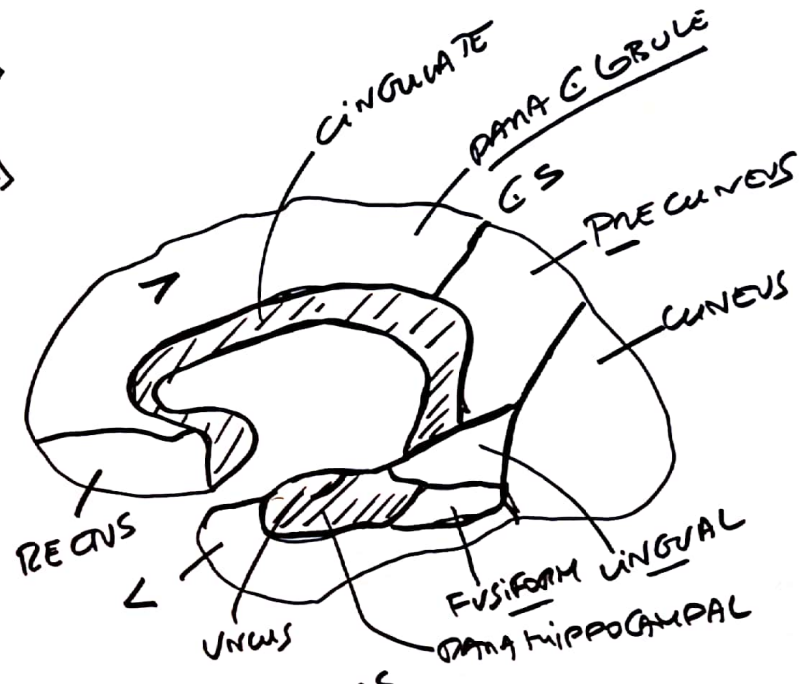
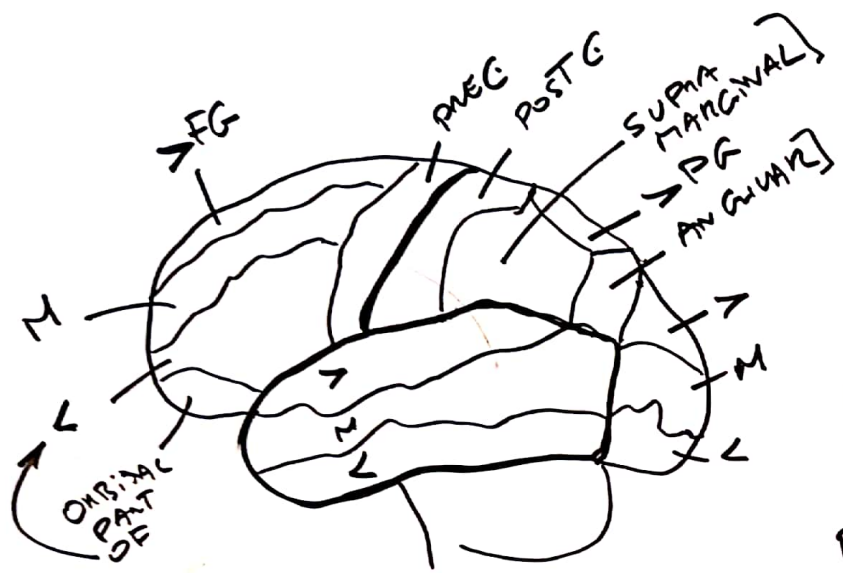


- G = GYRUS
  - S = SULCUS
  - F = FRONTAL
  - T = TEMPORAL
  - P = PARIETAL
  - O = OCCIPITAL
  - L = LIMBIC
- LOBES
- > = SUPERIOR
  - = = MIDDLE
  - < = INFERIOR
- C = CENTRAL
  - ∩ = LATERAL

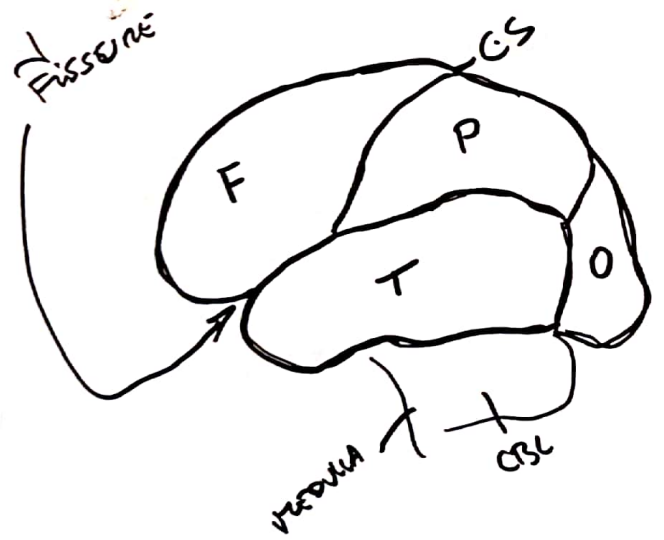
OVERVIEW ✓



MAJOR  
GYRI  
FOLDS

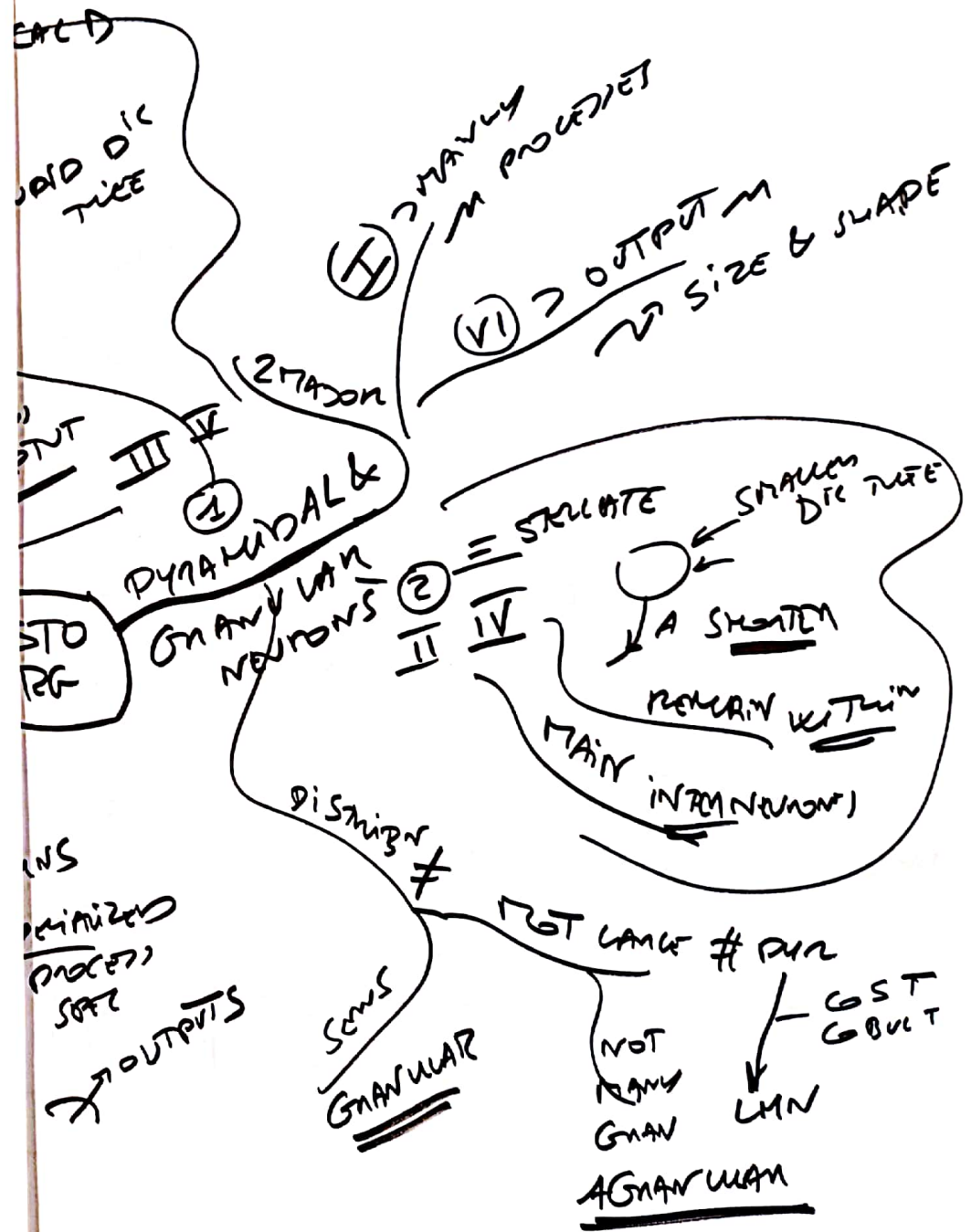


- G = GYRUS
  - S = SULCUS
  - F = FRONTAL
  - T = TEMPORAL
  - P = PARIETAL
  - O = OCCIPITAL
  - L = LIMBIC
- LOBES
- > = SUPERIOR
  - M = MIDDLE
  - < = INFERIOR

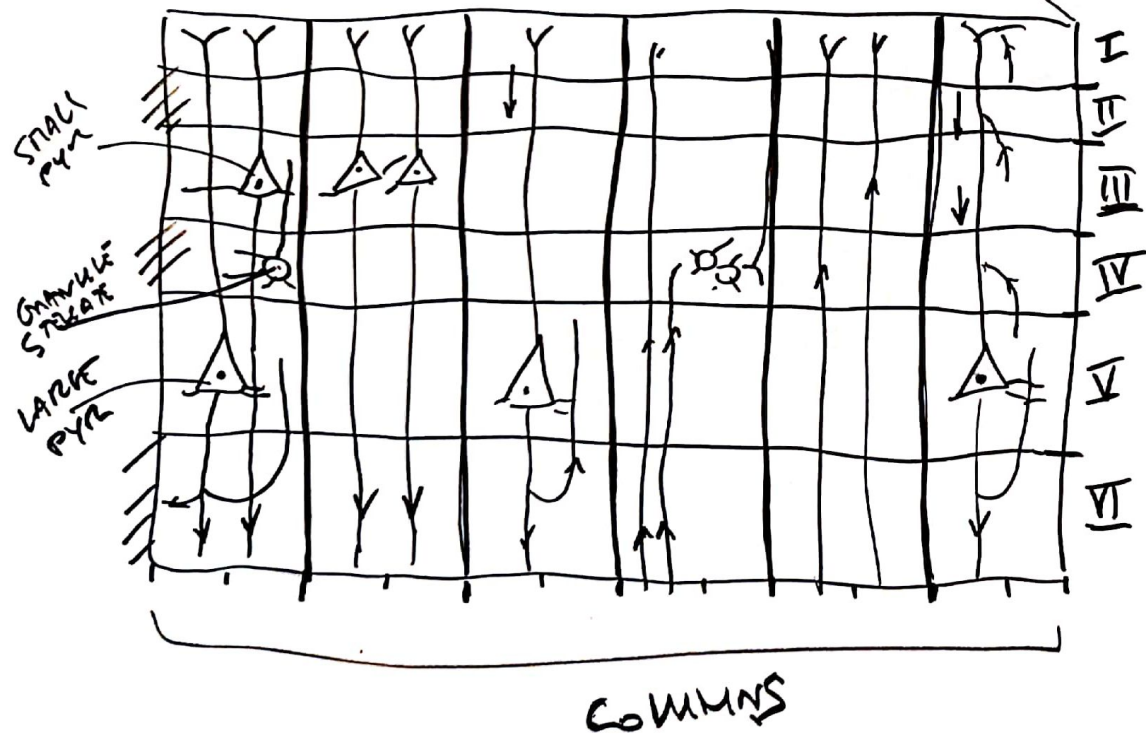
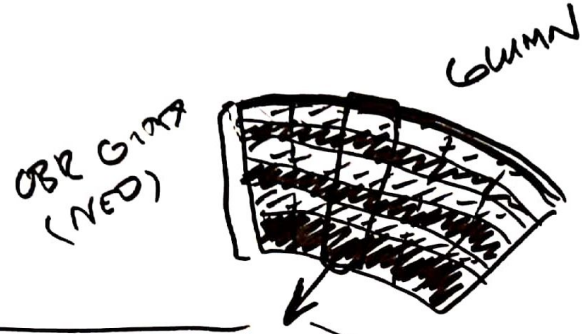


- C = CENTRAL
- ∩ = LATERAL

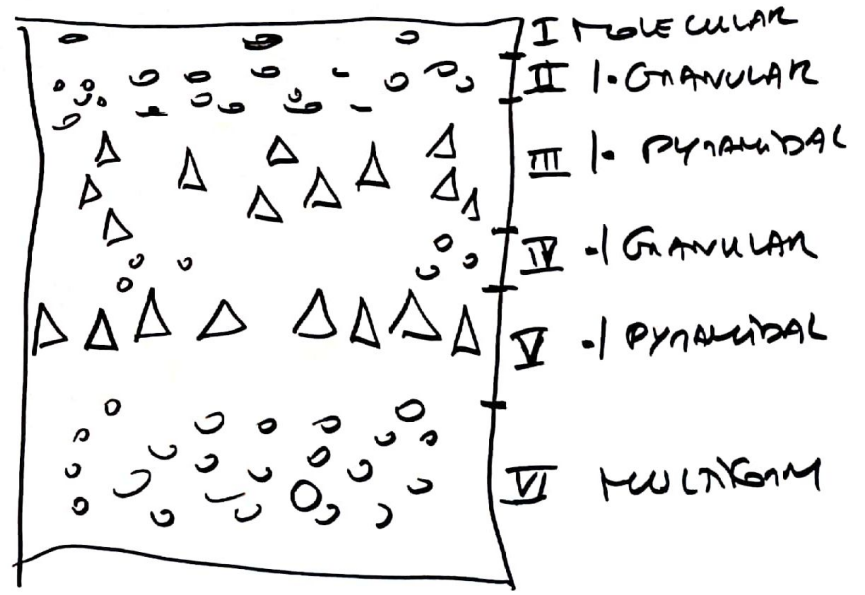
# ANAT CBSR MEMIS

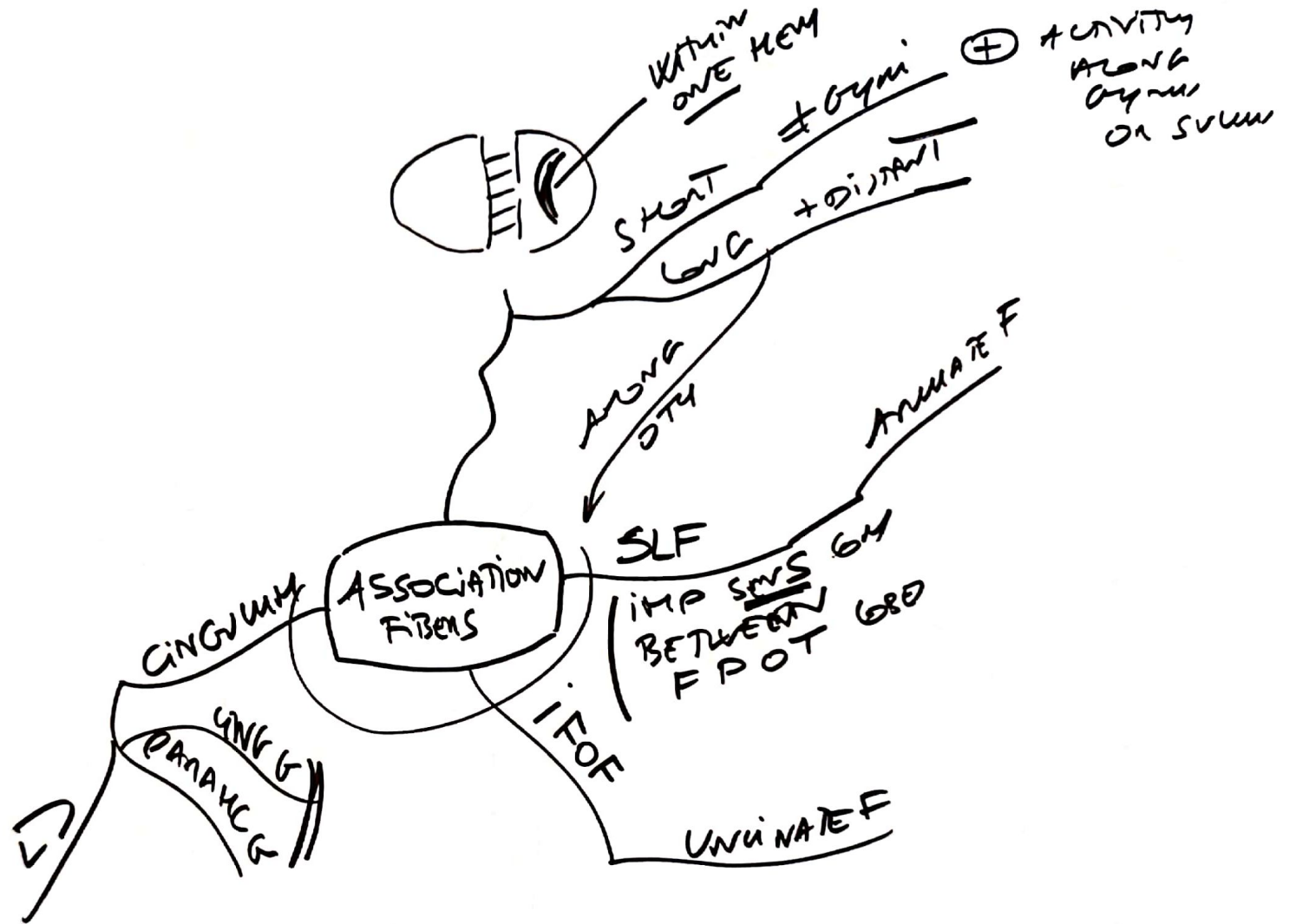






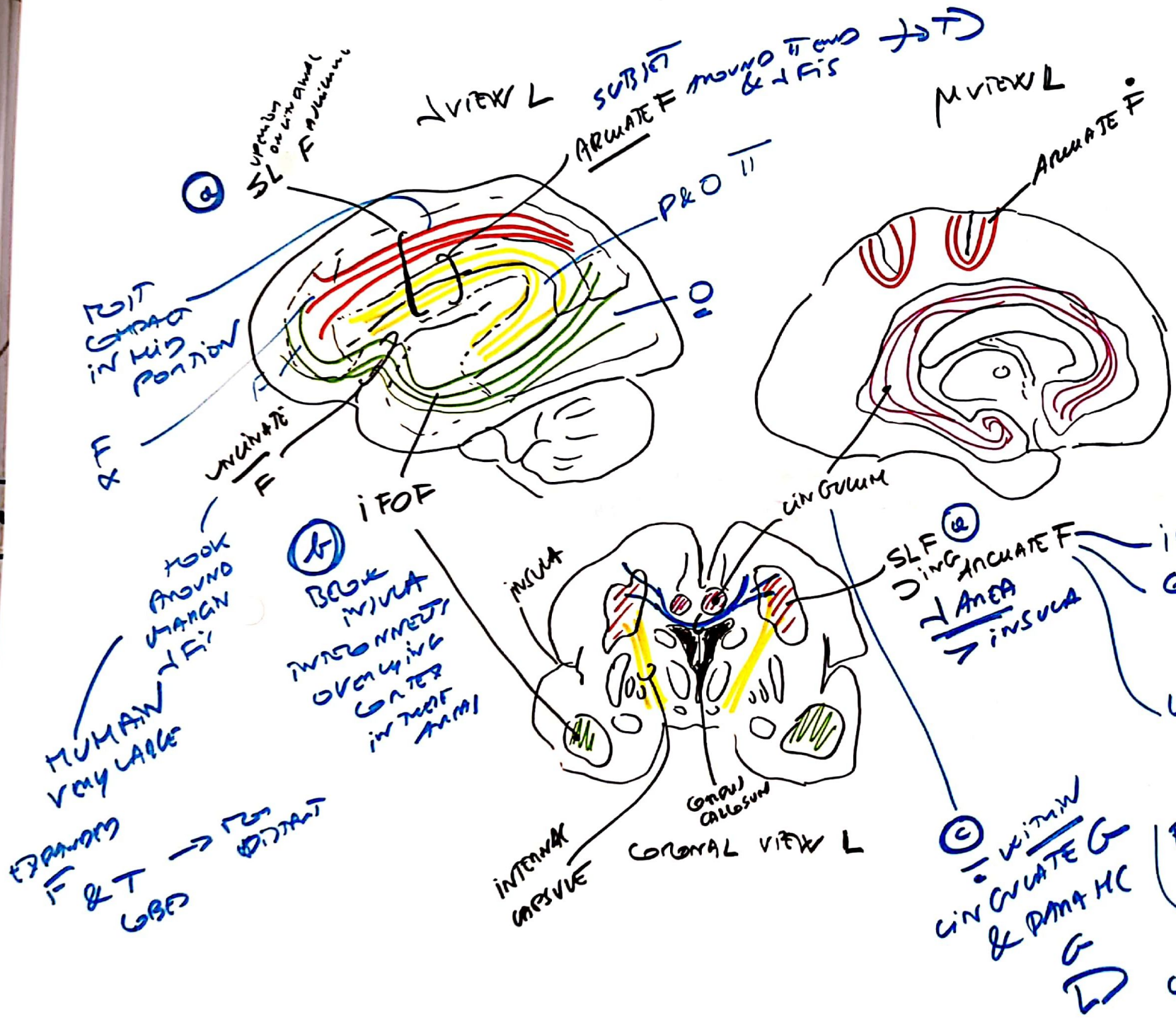
LAYERS





ASSOCIATION FIBERS IN FOREBRAIN

F = FASCICULUM  
F = FIBER



POST CHOROID IN MID PORTION

HOOK AROUND CHOROID F

HUMAN VERY LARGE

EXPANDS F & T GBF → DISTANT

BOOK IN/OUT INTERCONNECT OVERLYING CATER IN NEOT. AREA

INDOM LANG SC

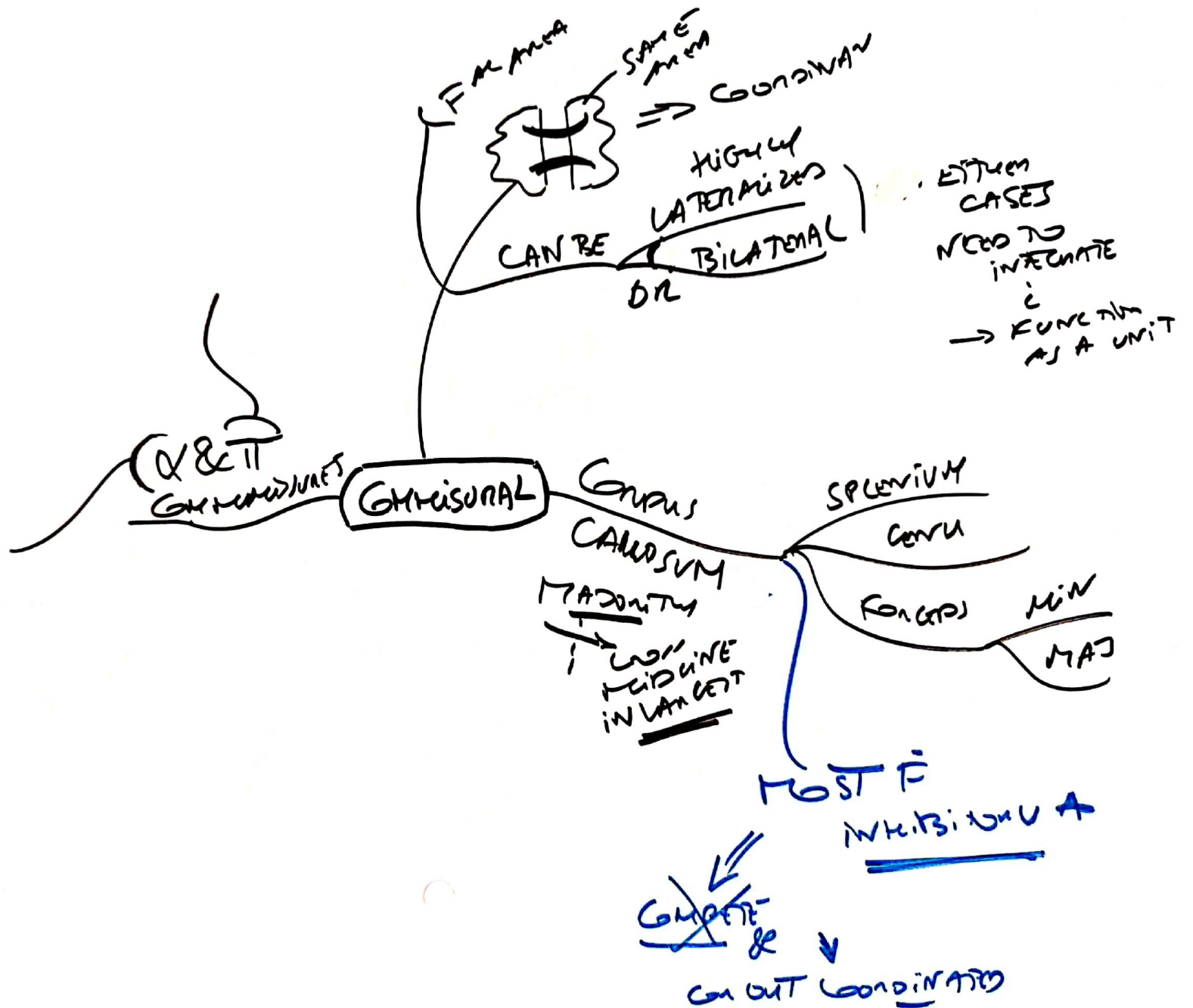
CON NOT'S

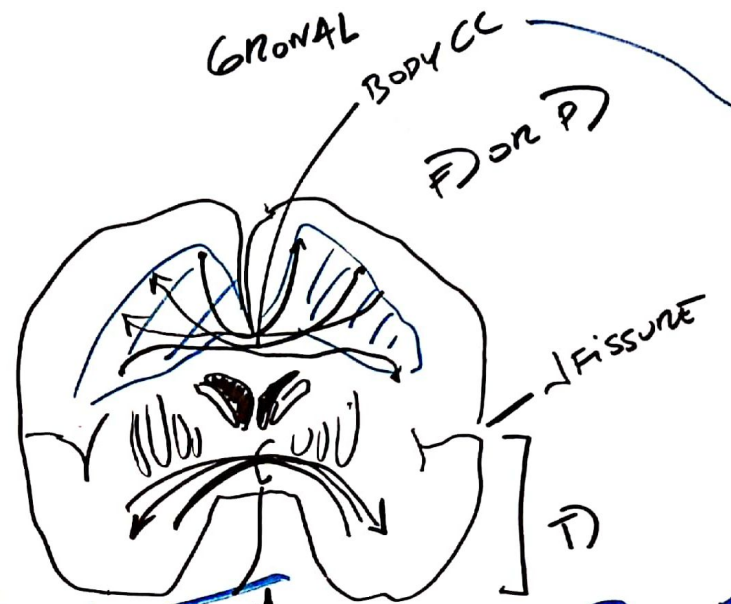
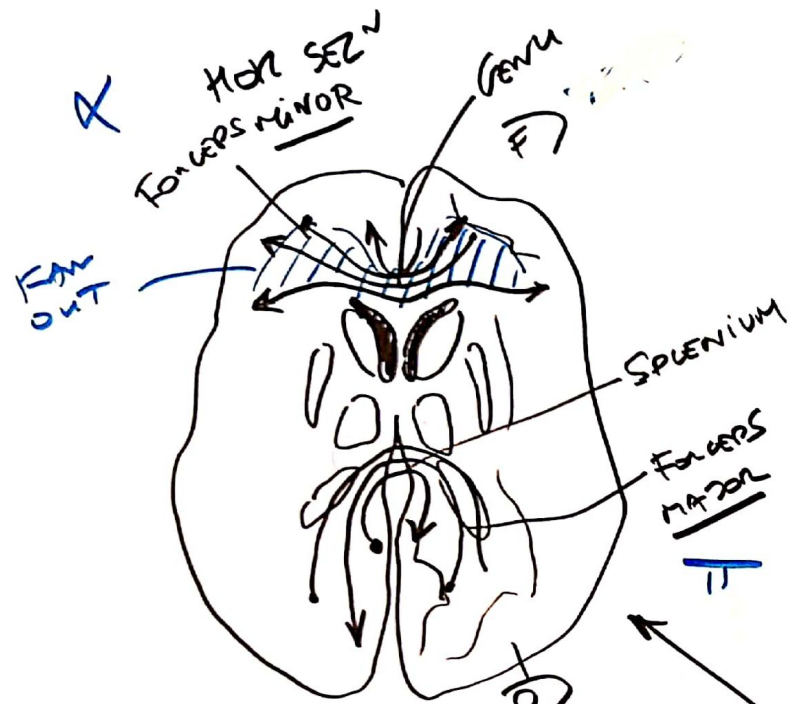
2 PAS LANG AREA WITH EACH STM

LES 2 ANY WACENE

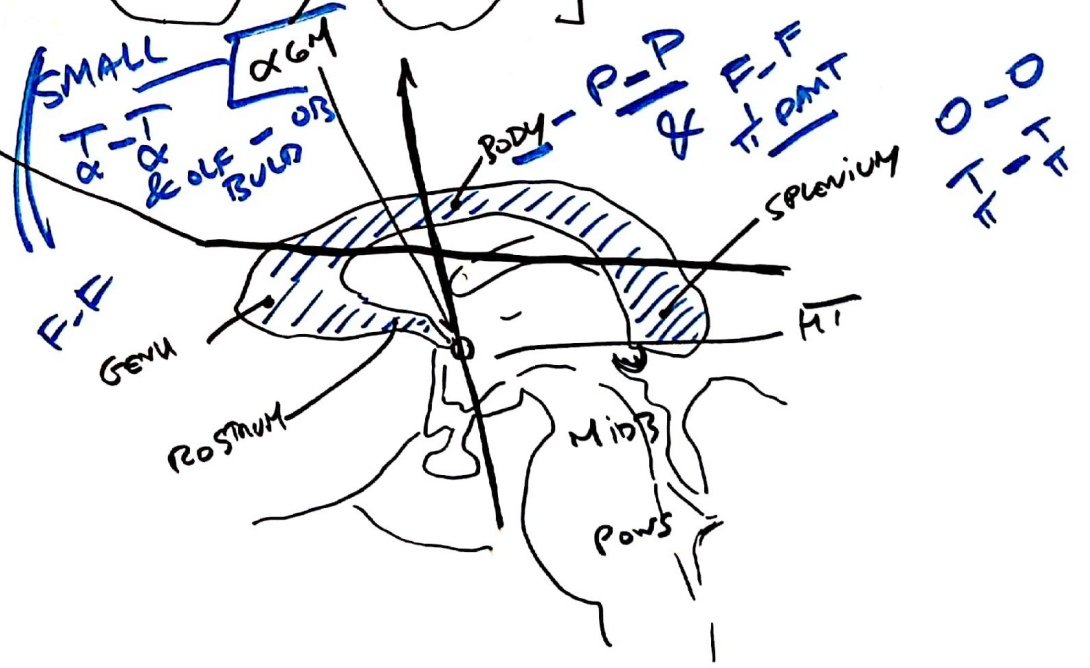
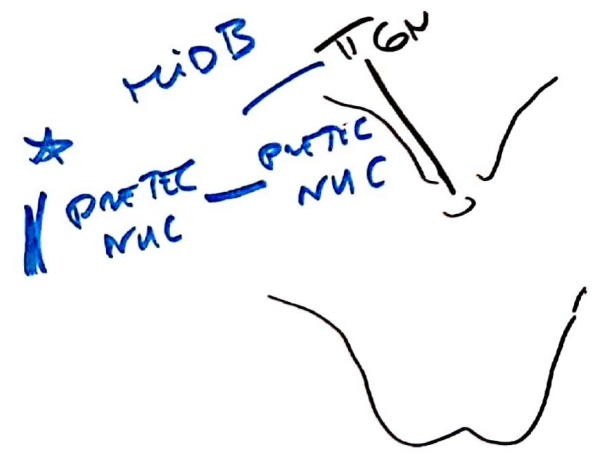
FORM APHRIA DEFICIT LANG

CON 7 AREAS OVERLYING LIMB SM

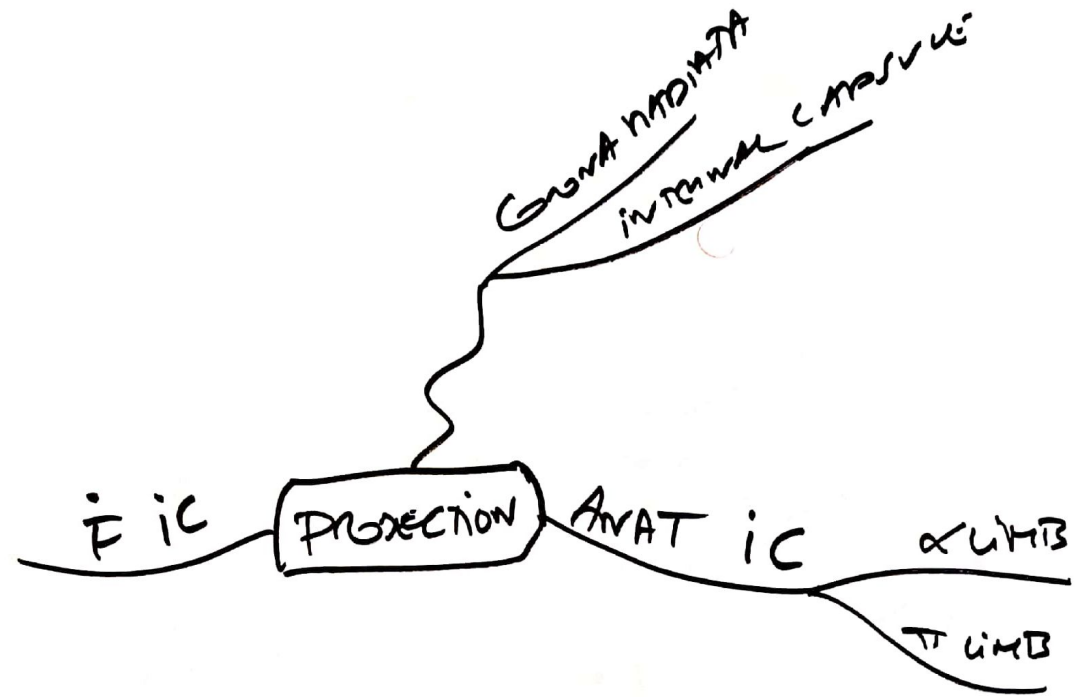


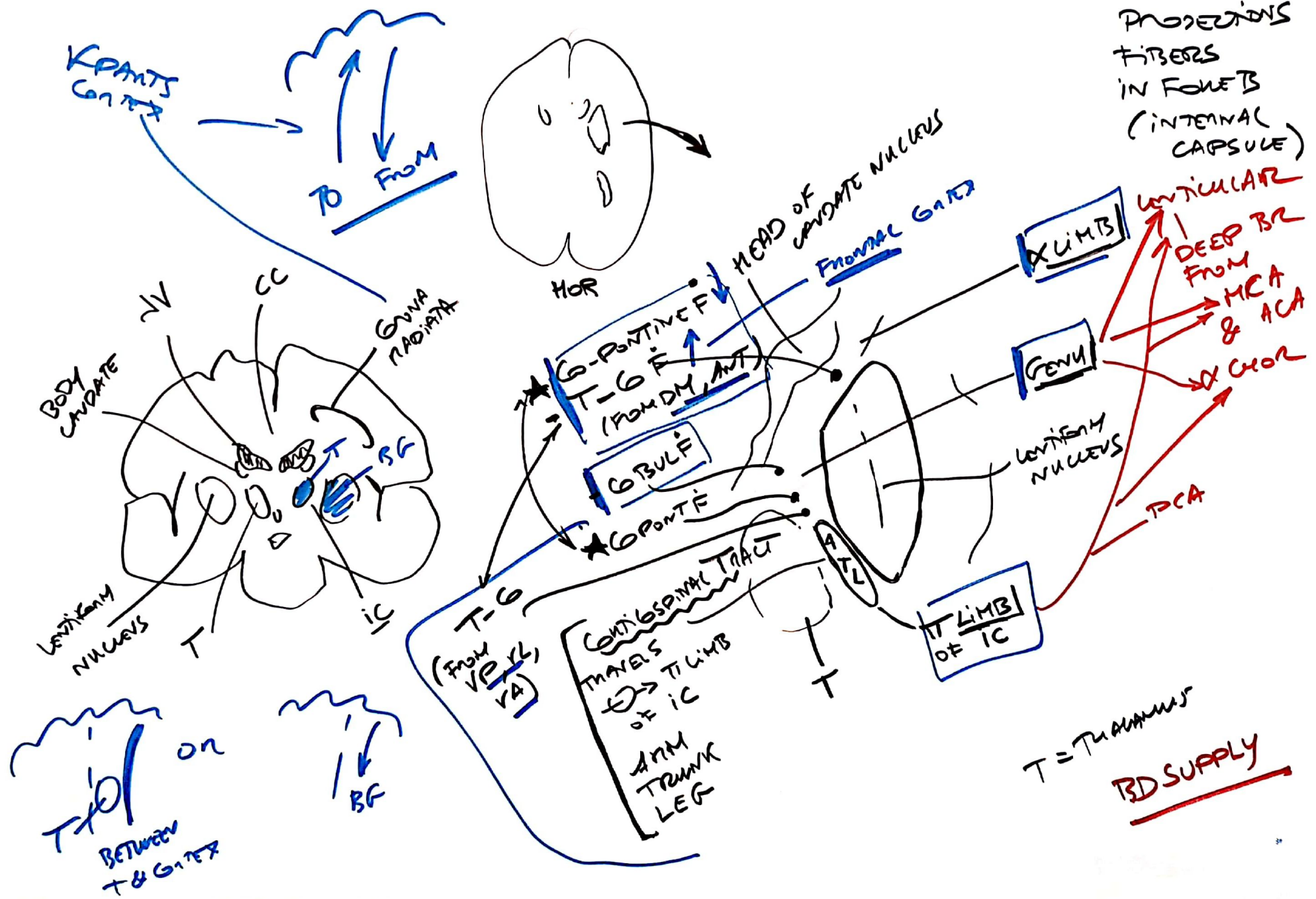


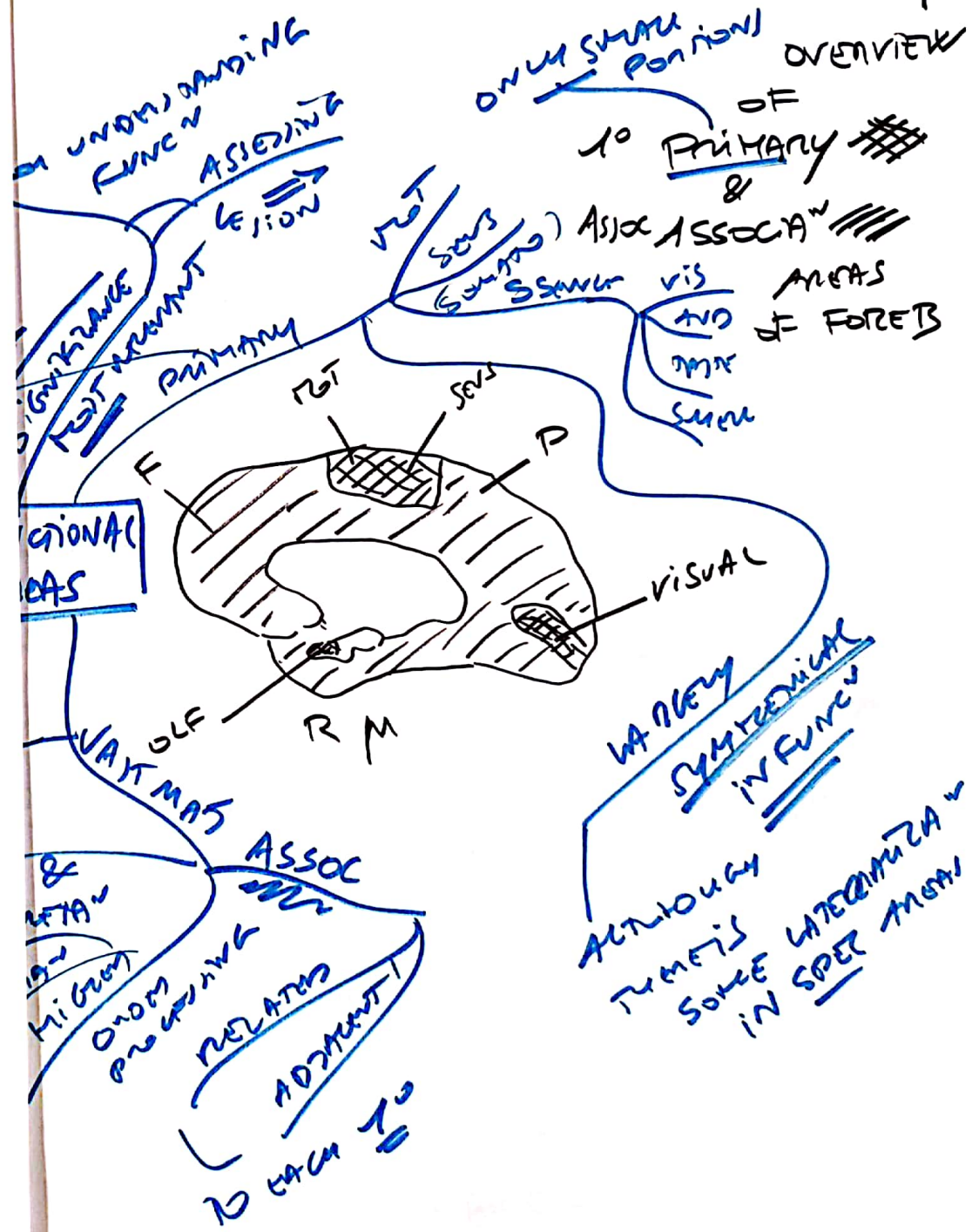
COMMISSURAL FIBERS IN FOREB  
 IN INTERHEM FISSURE



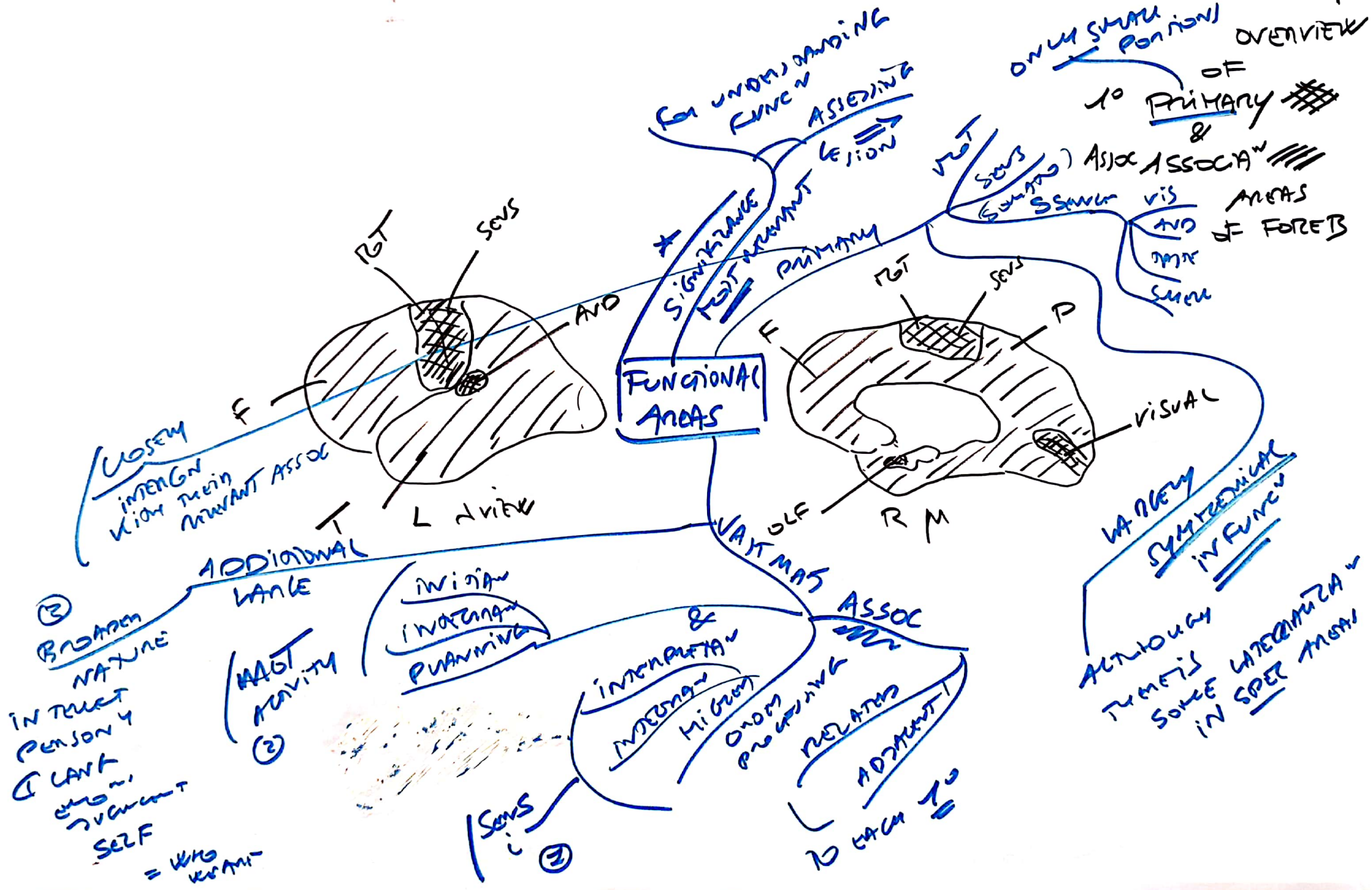


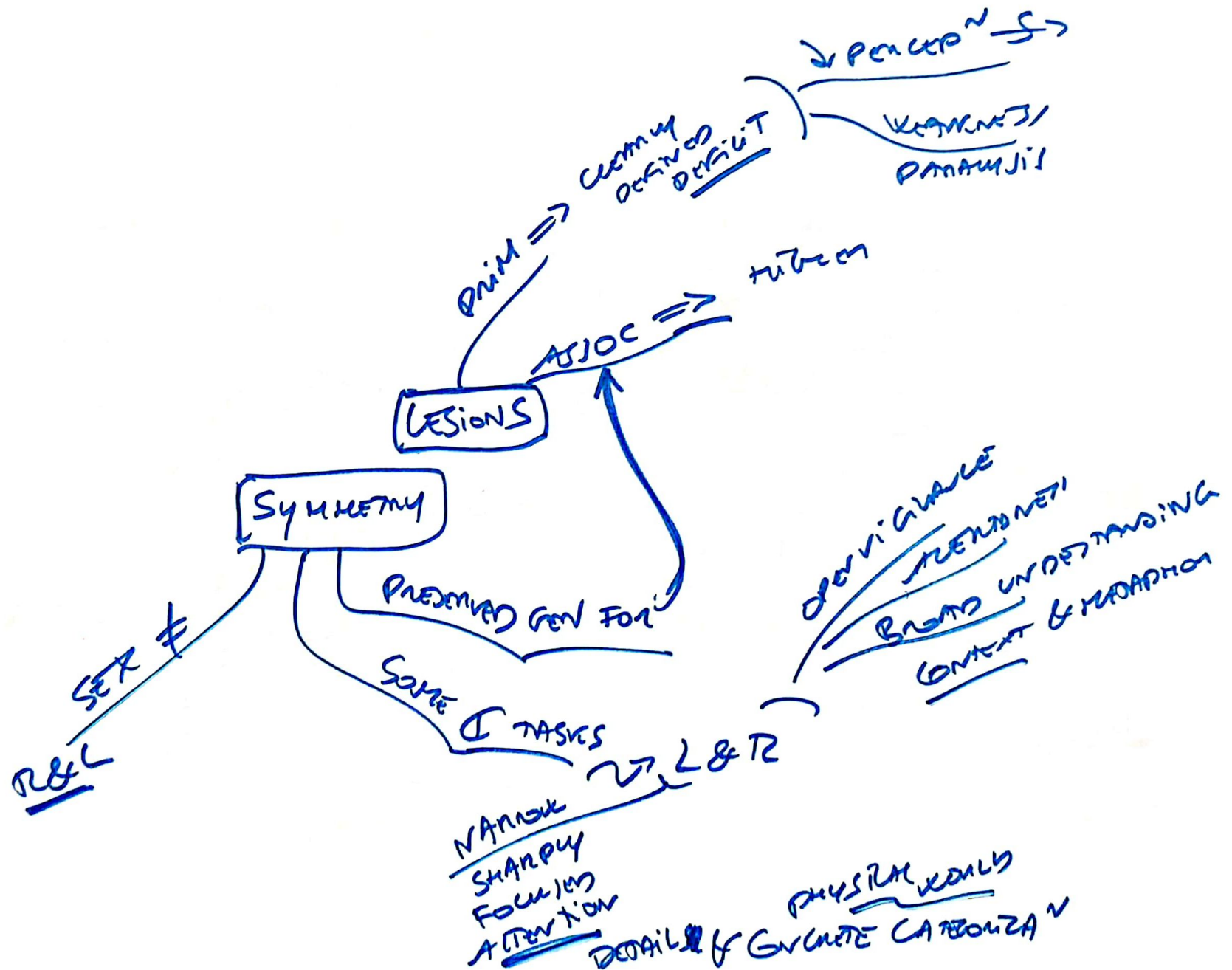


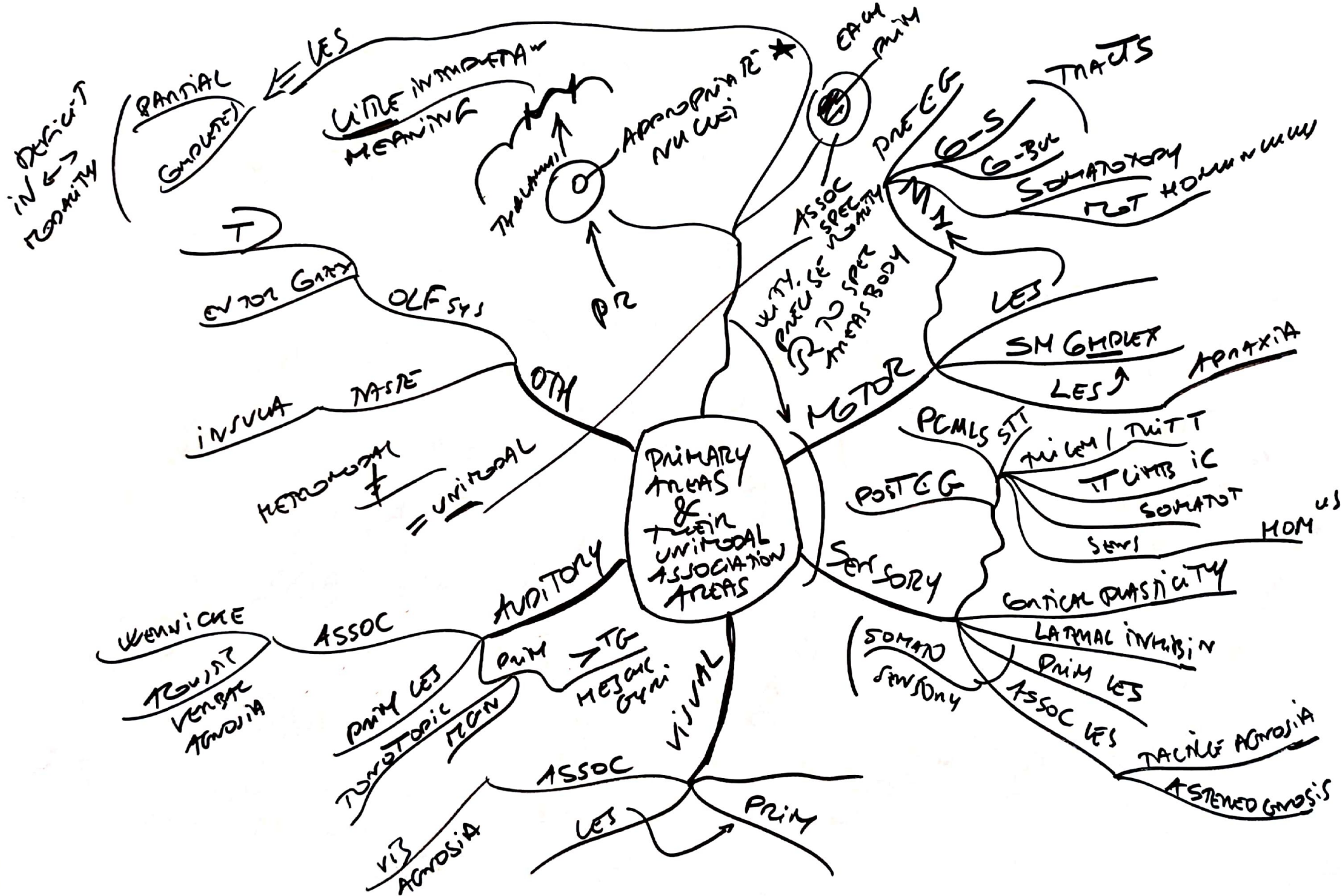


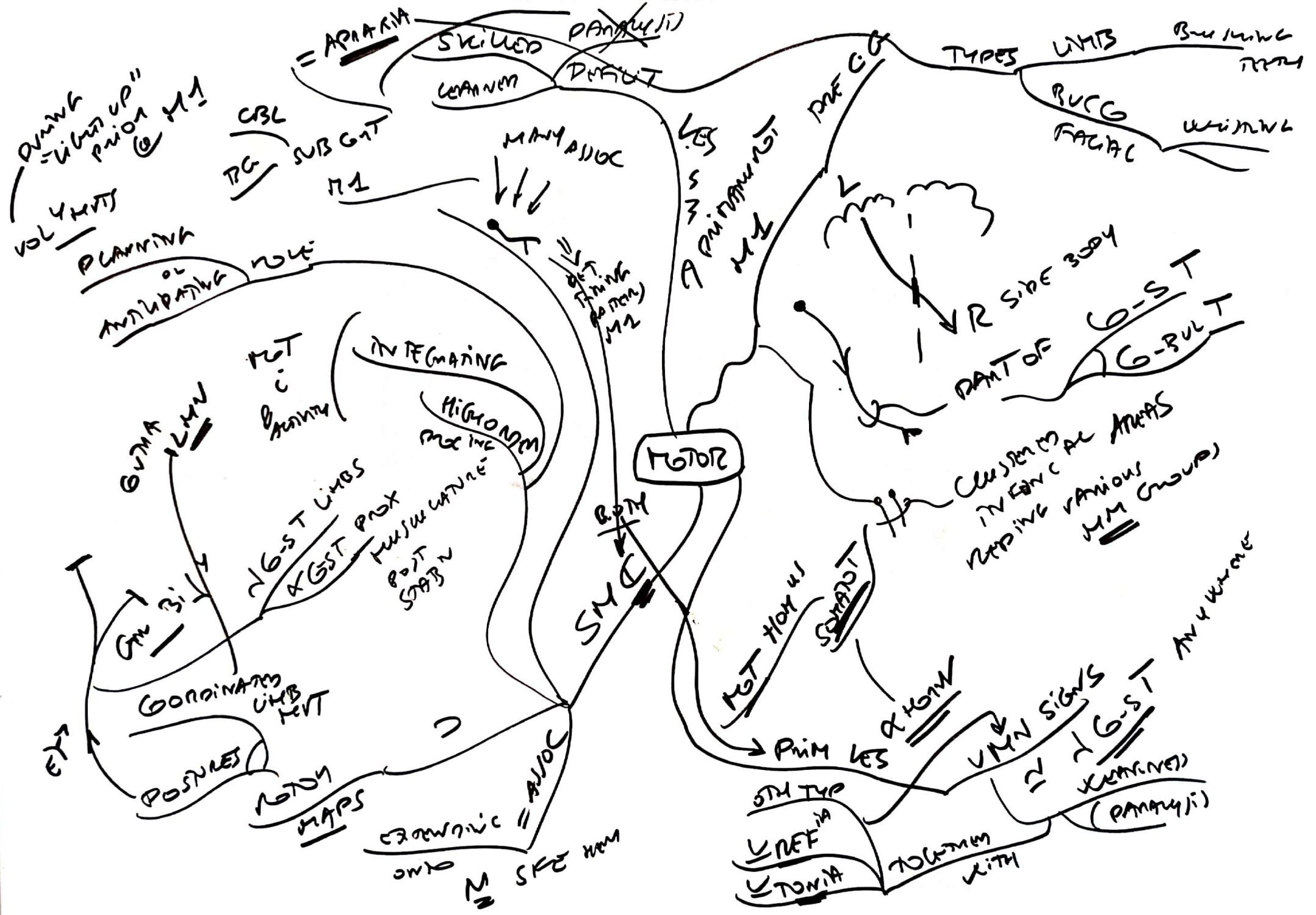


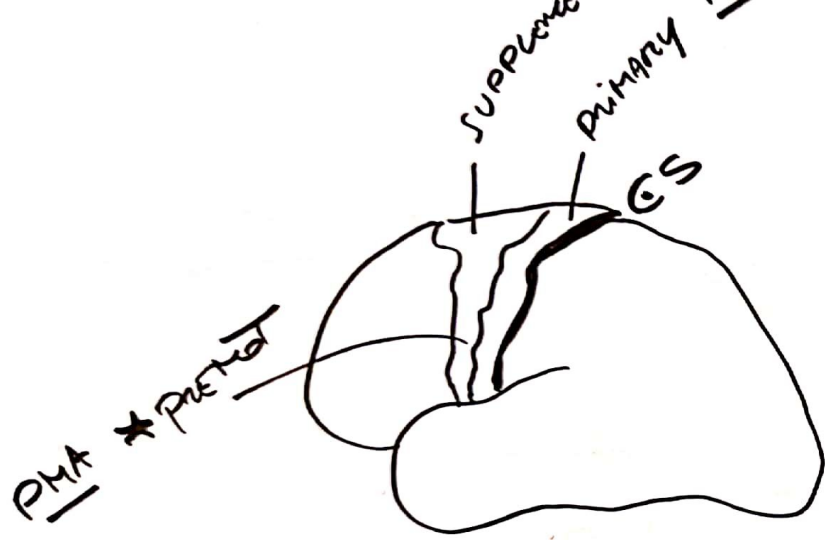
# FUNCTIONAL AREAS



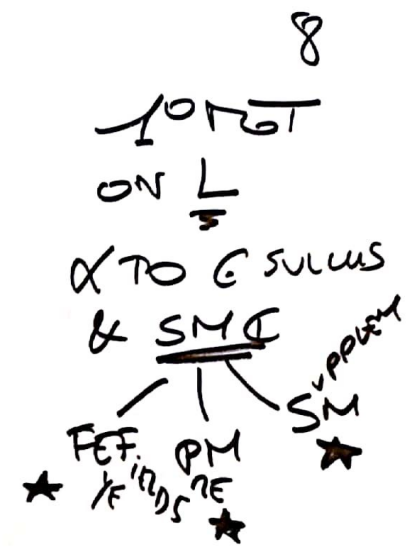
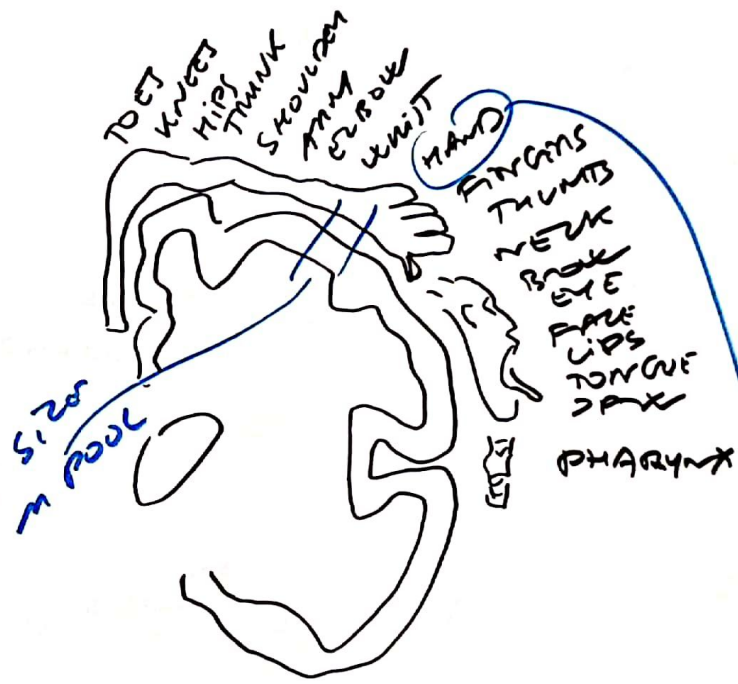








**SMADIC REP N**  
**TET HOMUNCULUS**  
**TET SUPRATOT**

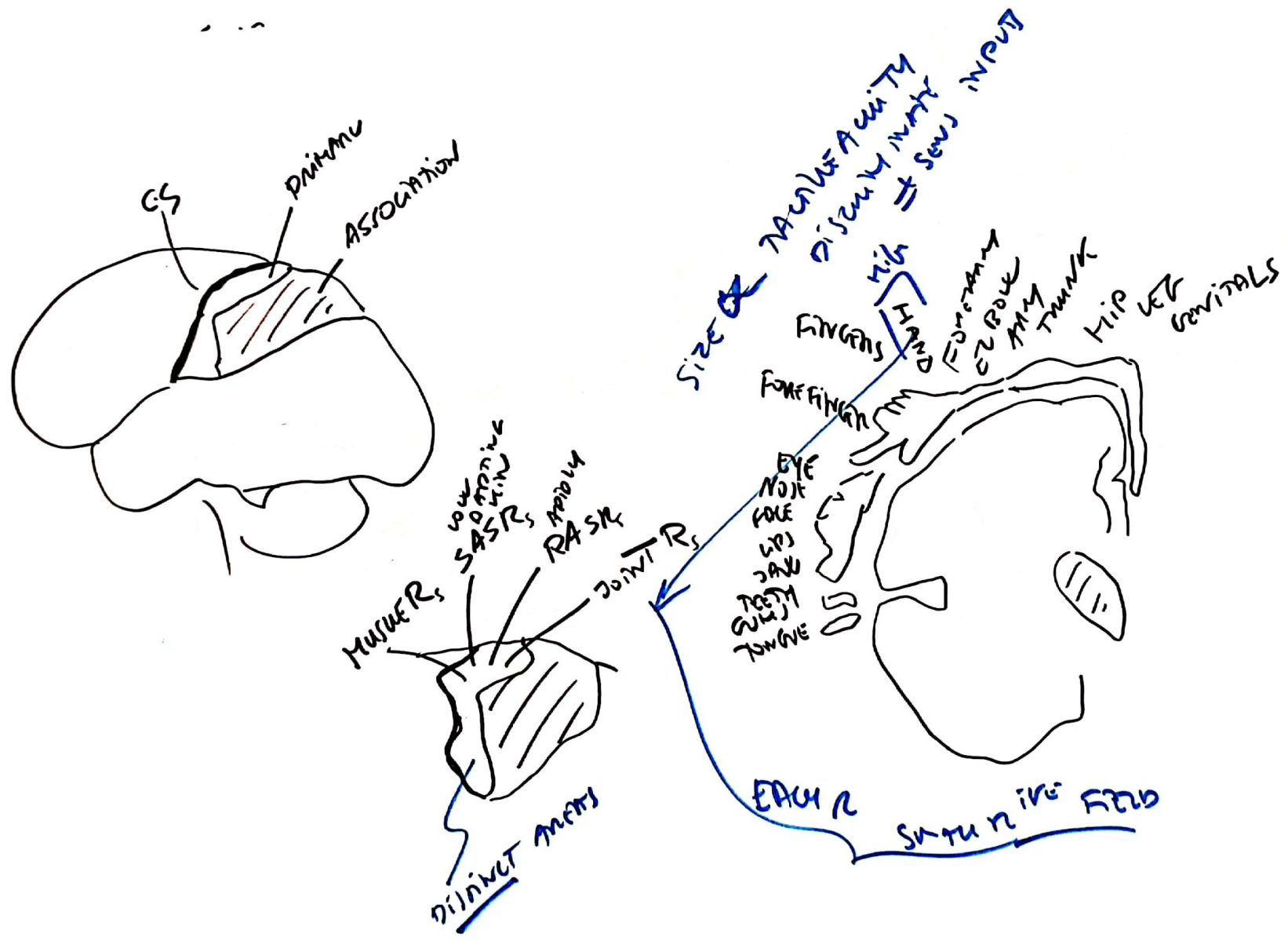


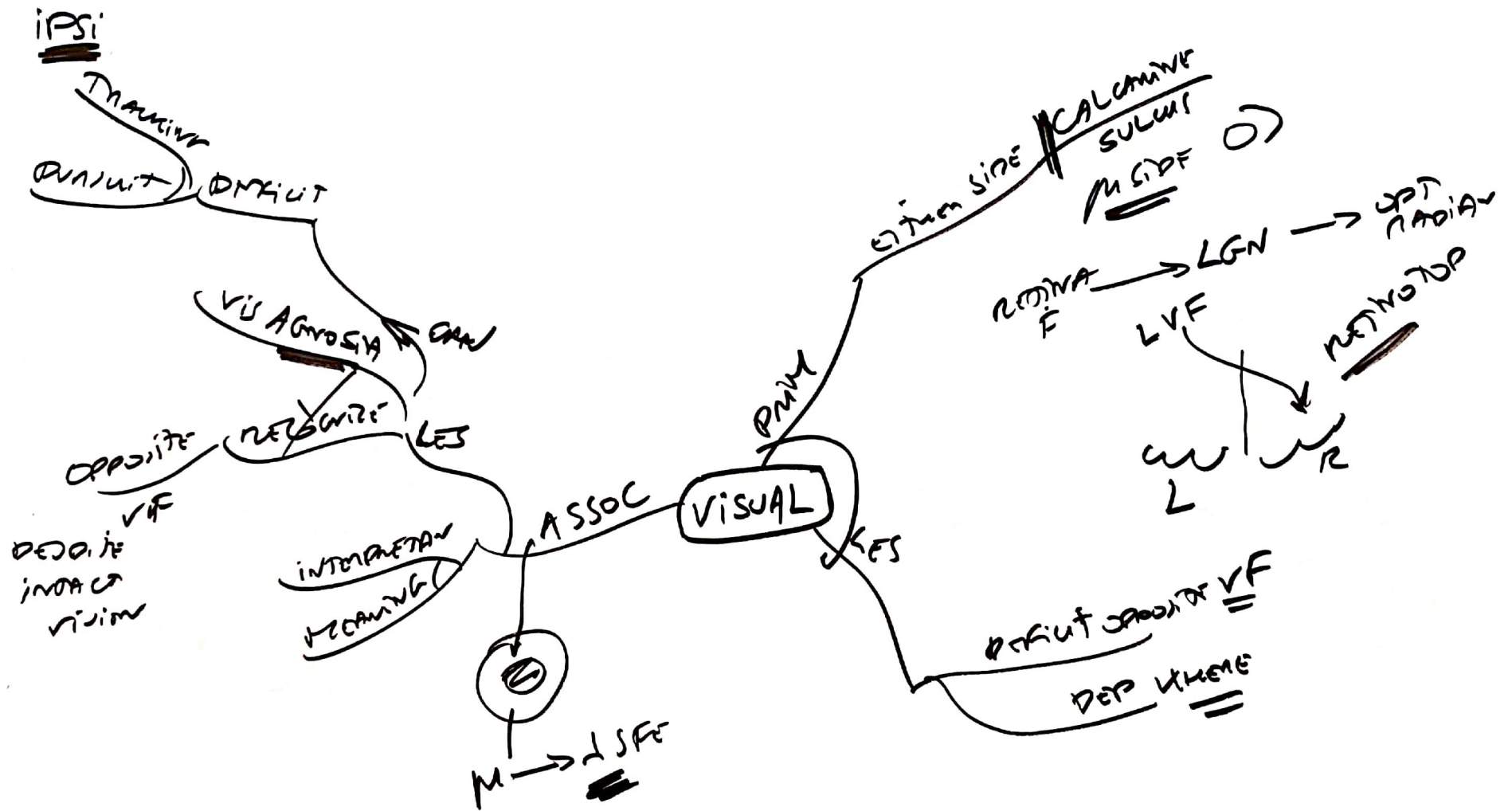
**SMADIC REP N**  
**SEPARATE INN**  
**MANY SMALL MM**  
**THINK**  
**REP**

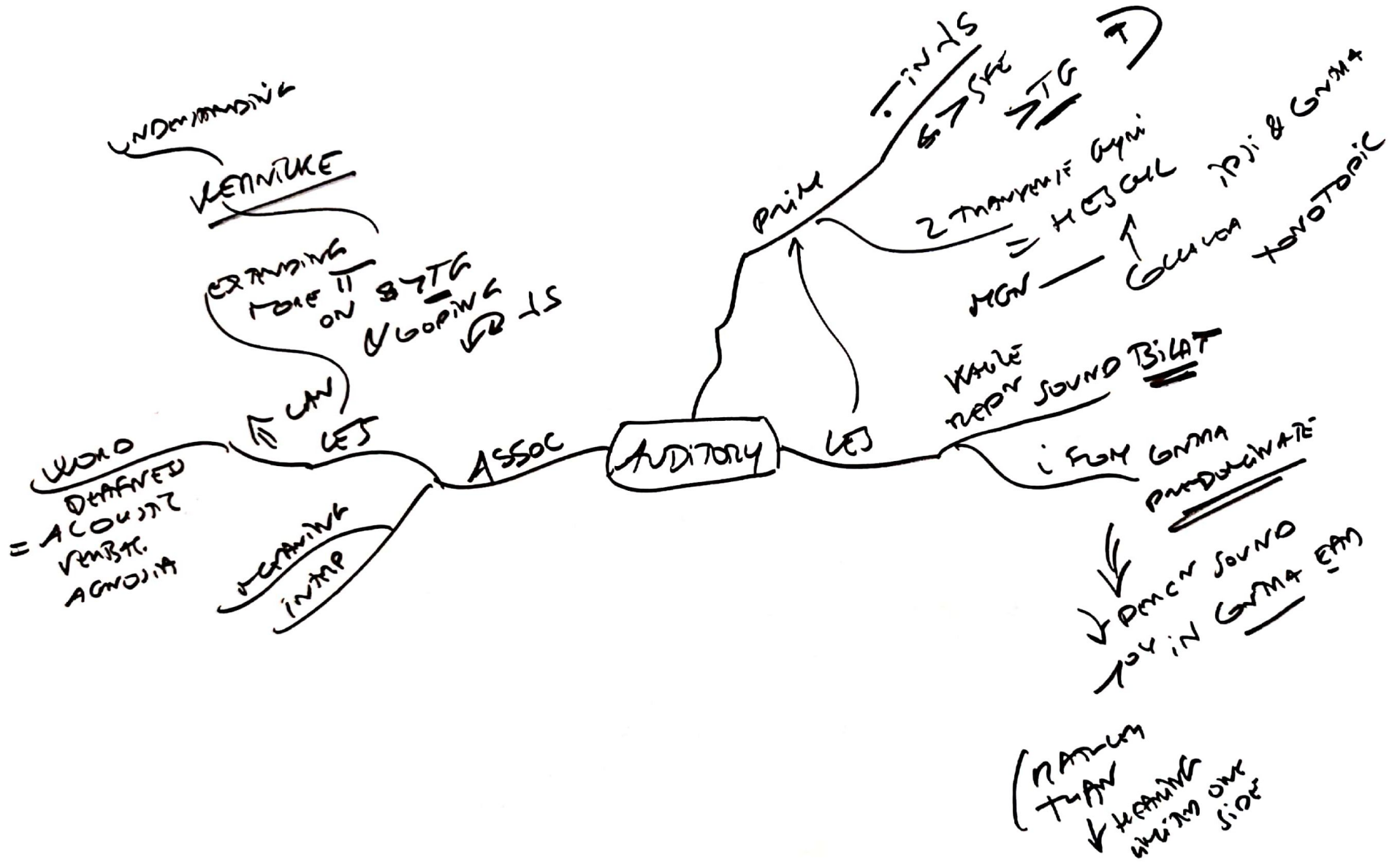


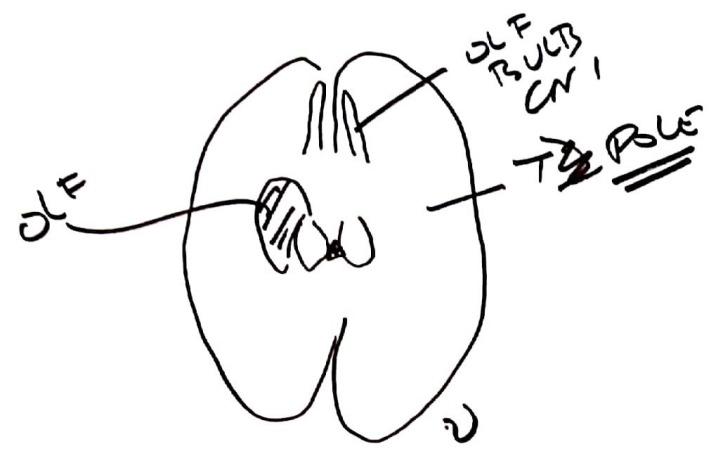


10% ASS  
SENSORY  
L

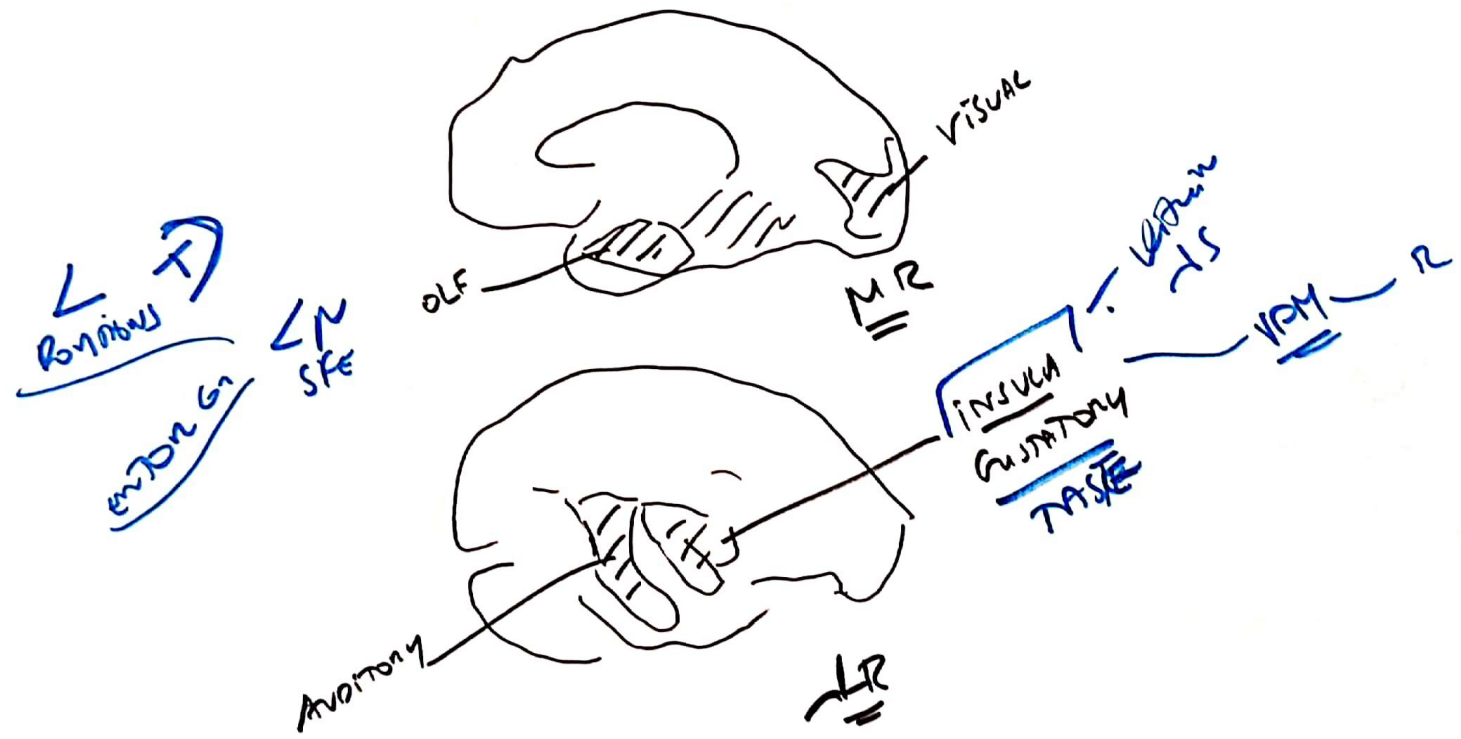


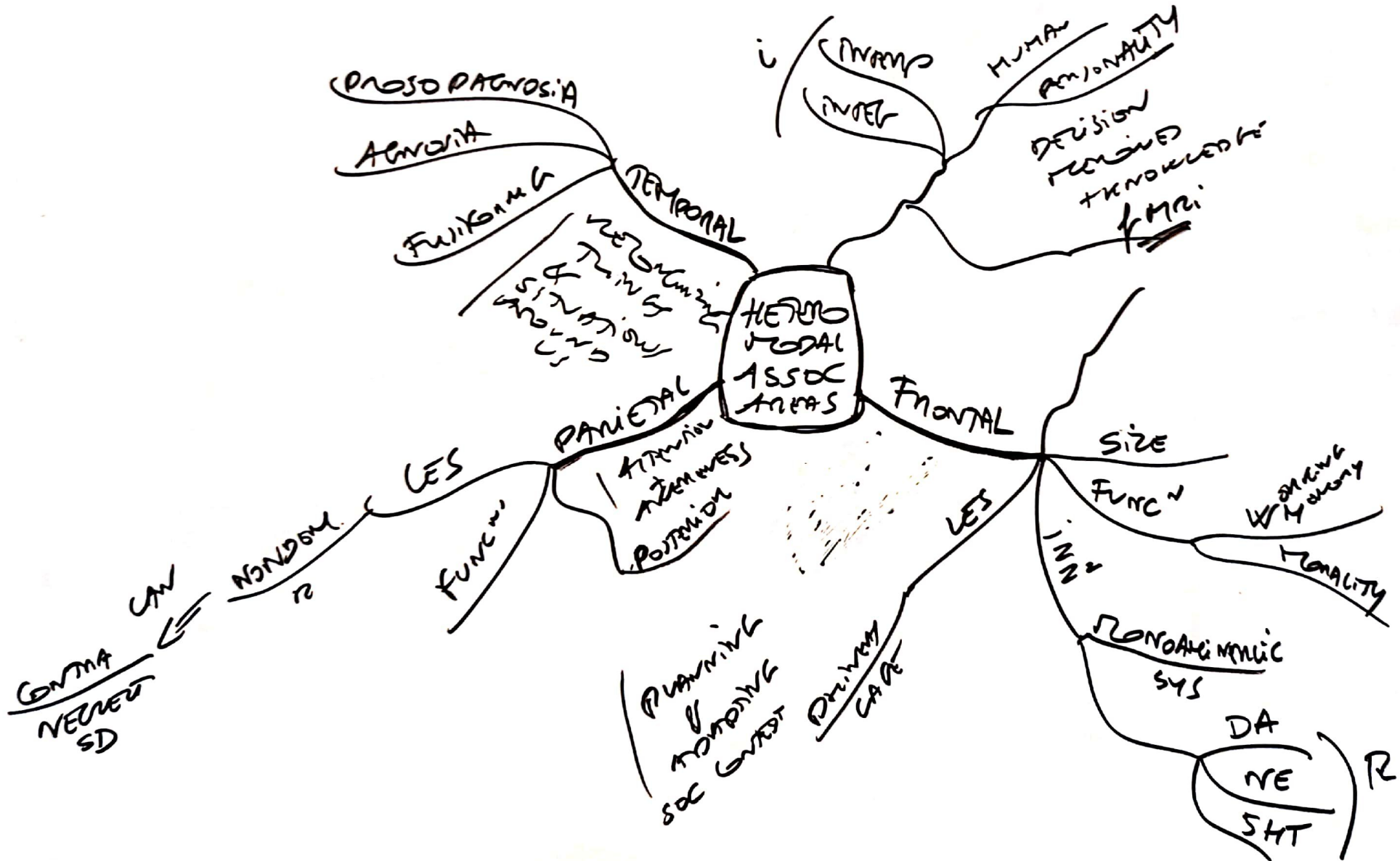






PRIMARY  
 VIS  
 AUD  
 OVS  
 OLF



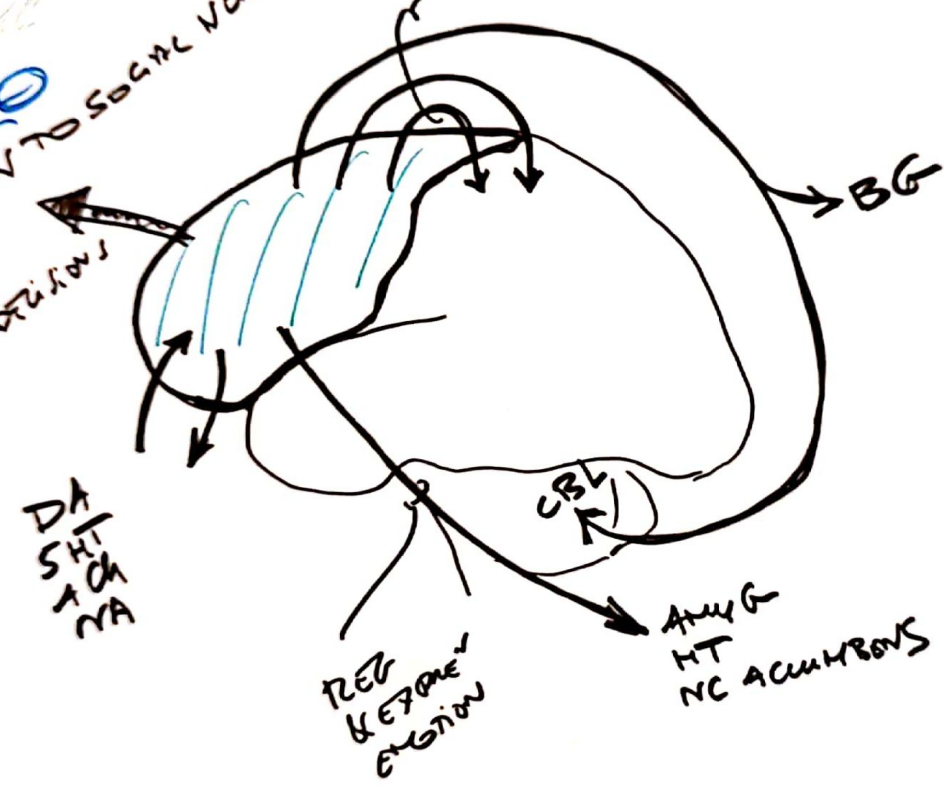




EXECUTIVE ↓  
COGNITIVE FLEXIBILITY ↑

DIRECTING & MAINTAINING ATTENTION  
 FLUENCY  
 PROBLEM-SOLVING  
 ADJUSTING BEHAVIOR TO SOCIAL NORMS  
 PLANNING  
 WM  
 DELIBERATE DECISIONS

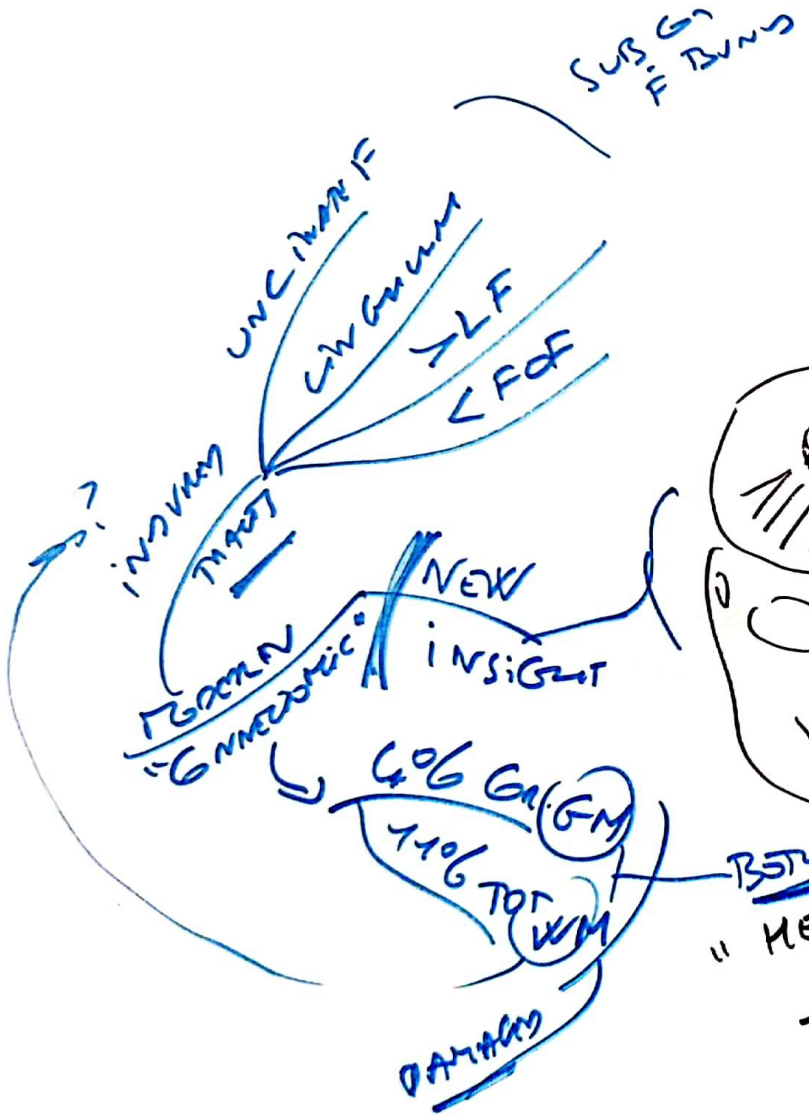
REGULATE ATTENTION  
 & HOT RES TO ST



11  
 FRONTAL ASSOC  
 IN L HEM



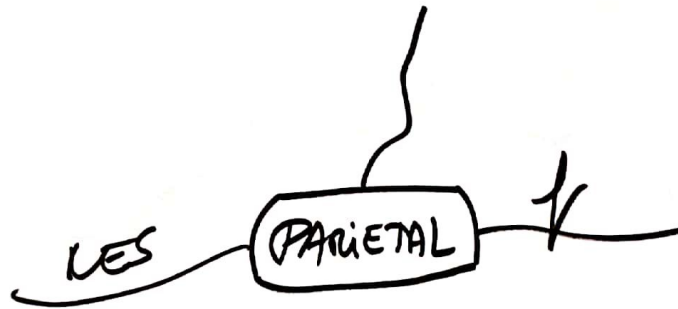
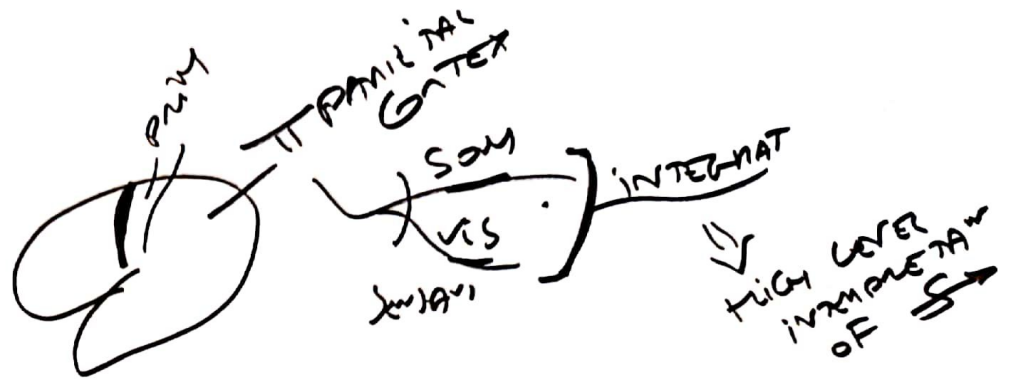
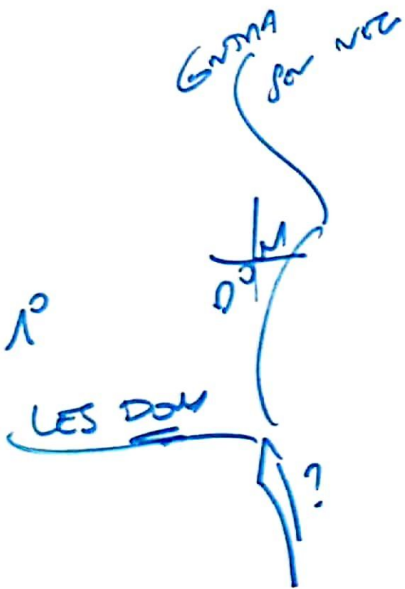
PHILIPAS GAGE:  
DAMAGE TO  
F ASSOC AREAS



BSTL  
"HE WAS NOT LONG GAGE"

- DIFFICULTY INTERACTING IN SOCIAL GROUPS
- (S) SOME SOCIALLY ACCEPTABLE BEHAV
- DIFFICULTY PLANNING
- IMPULSIVE

\* TACILE  
AGRESSIF

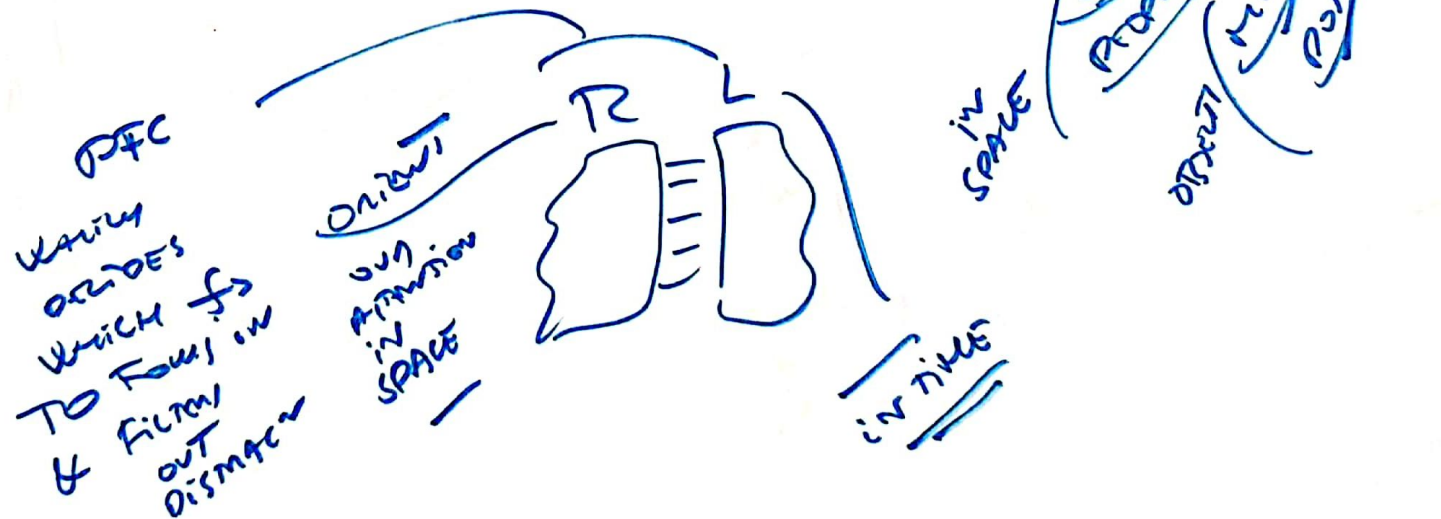
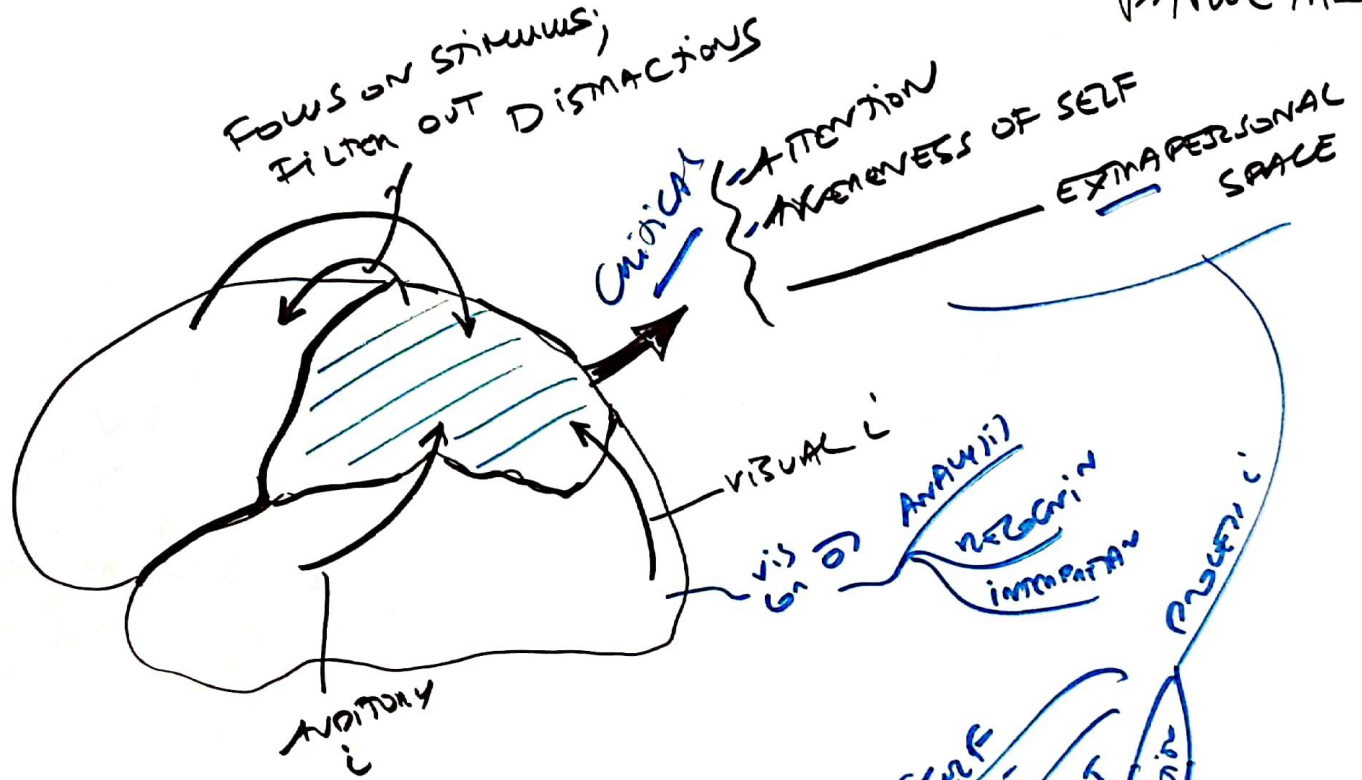


- ATTENTION  
TO L PAR NON DDM ?

- TO R  
MEDIATION BOTH

LES ONE OF  
WOULD BE  
GENERATED  
FOR BY INPUT ONE SIDE

PARIETAL



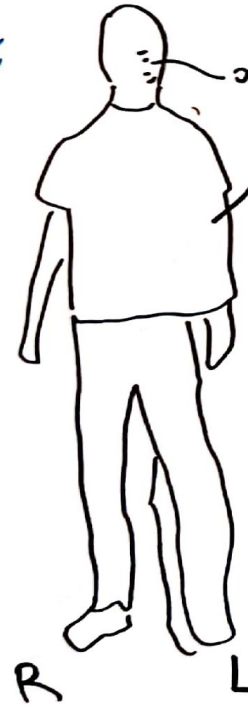
PPC NON DOM  
R RYAN INJURY

TYPICALLY



SD  
ENVIRN  
SIDE OPPOSITE

REGARDING  
INJURY  
NEEDS  
INFORMATION  
→  
FIXED DIRECTIONS  
TO THEM



or shave L face  
does not  
shave left side  
of his body



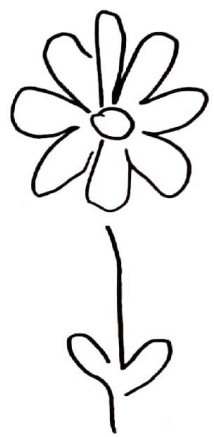
does not eat  
from L side  
of his plate

R  
L  
LEFT  
SIDED  
NEGLECT  
SELF

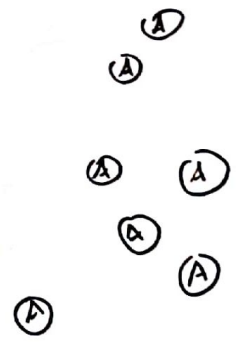
→ CONTRALATERAL  
NEGLECT

Fails to shave  
L side of  
figure SD

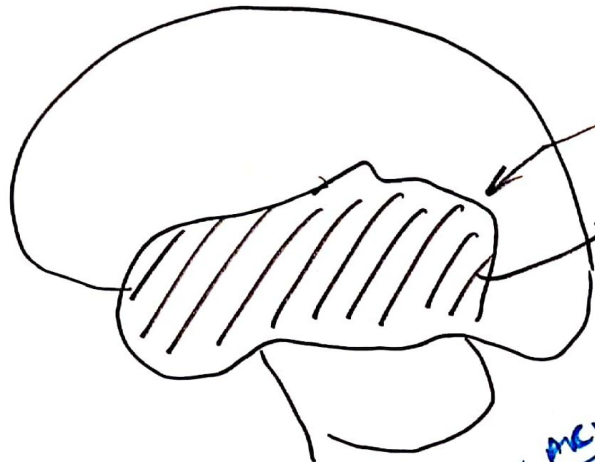
SD  
SD



Fails  
to circle  
A on L side  
sheet



EXTRA PENIS SPACE  
GEN L SIDE ONLY //  
CAN  
EXPAND



RECOGNITION  
OF  
LANGUAGE PATTERNS

LATERAL  
&  
OR NODAL

RECOGNITION  
OF  $\rightarrow$   
& PATTERNS

CAN KNOWLEDGE  
& DESCRIBE  
 $\rightarrow$  R & L

DAY  $\rightarrow$  AGNOSIA  
(INABILITY TO RECOGNIZE)

~~NECCESS~~

~~NAME~~



R

FUSIFORM  
GYRUS

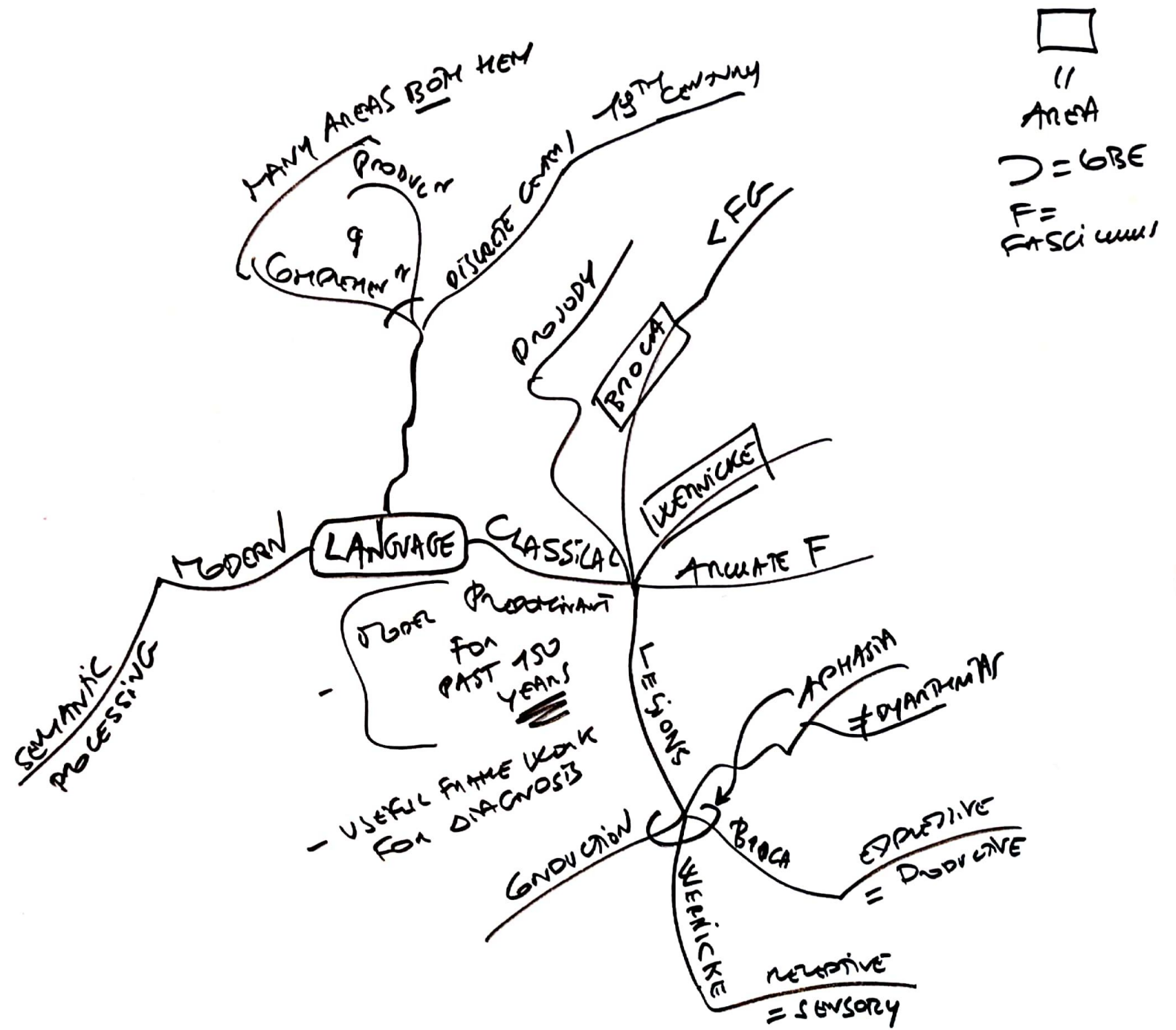
VISUAL  $\rightarrow$   
ME LINKED  
TO MEANING  
& RECOGNITION

FACE & OBJECT  
R T

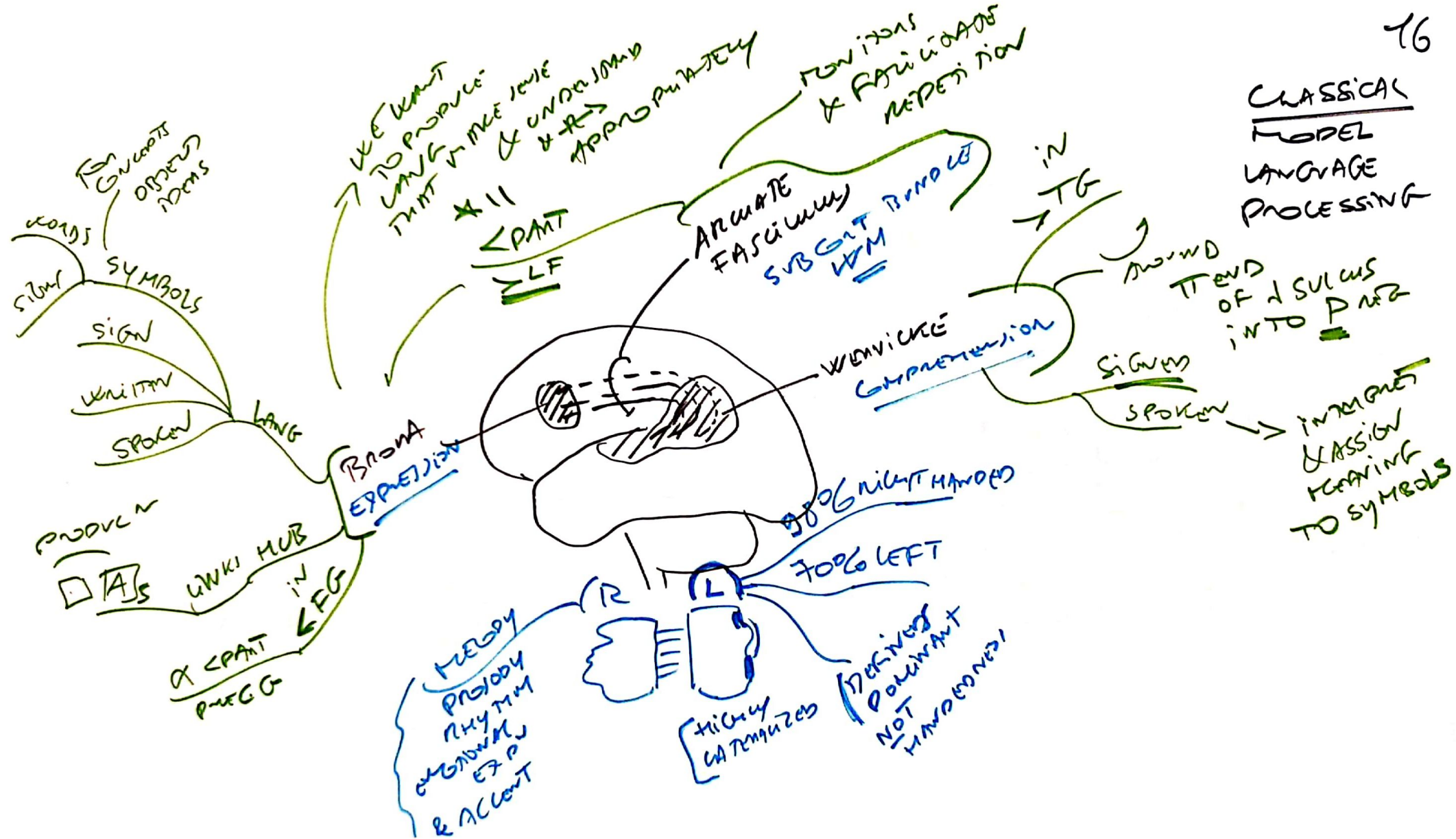
IDENTITY

PROSOPAGNOSIA

CALCULUS  
FUNCTION ONE  
LATERALIZATION  
OCCURS



# CLASSICAL MODEL LANGUAGE PROCESSING



= INABILITY COMMUNICATE

ALL ITS FORMS SPOKEN WRITTEN SIGN

≠ DYSPHAGIAS

GASTRO INTACT  
PRODUCE IMAGINES

↑↑ LESION  
MID PHAR  
LARYN  
ON TONGUE  
VV

PRODUCTIVE BROCA & ITS CONNECTIVITY  
EXPANSIVE ON FORM  
NON FLUENT SPEECH  
DIFFICULTY WITH SYNTAX

SPARSE  
MEANING

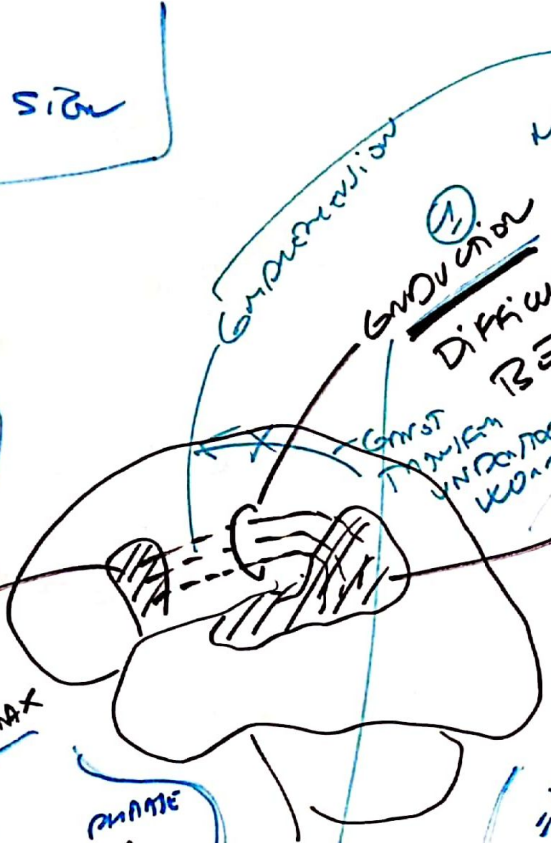
GRAM REPEATS INDIVIDUAL WORDS  
& PHRASE

COMPREHENSION IS INTACT  
OFTEN VERY FRUSTRATED

② FLUENT  
HOWEVER  
IMP ARE FASC?

SELECTIVE LES ONLY VERY RARELY  
& AREAS INVOLVED  
WRAY INVOLVED  
WHEN ONEMENTIS

- PROGNOSIS OF PURE BROCA FOOD  
ST USUALLY RESOLVE  
KPSJ  
STUSS AREAS TAKE...



COMPREHENSION

INDUCTION  
①  
DIFFICULTY REPEATING WORDS  
BOTH & PRODUCTION LANGUAGE ARE INTACT

MILK WHITE MATTER

GROSS TACTILE UNDERSTOOD WORDS

WERNICKE

- RECEPTIVE OR SENSORY  
- FLUENT SPEECH SYNTAX GRAMMAR STM UNIT WORDS IS INTACT  
- DIFFICULTY WITH COMPREHENSION OF SPEECH  
- PRODUCES NON SEMANTIC WORDS & PHRASES

= PERSON GRAMMAR

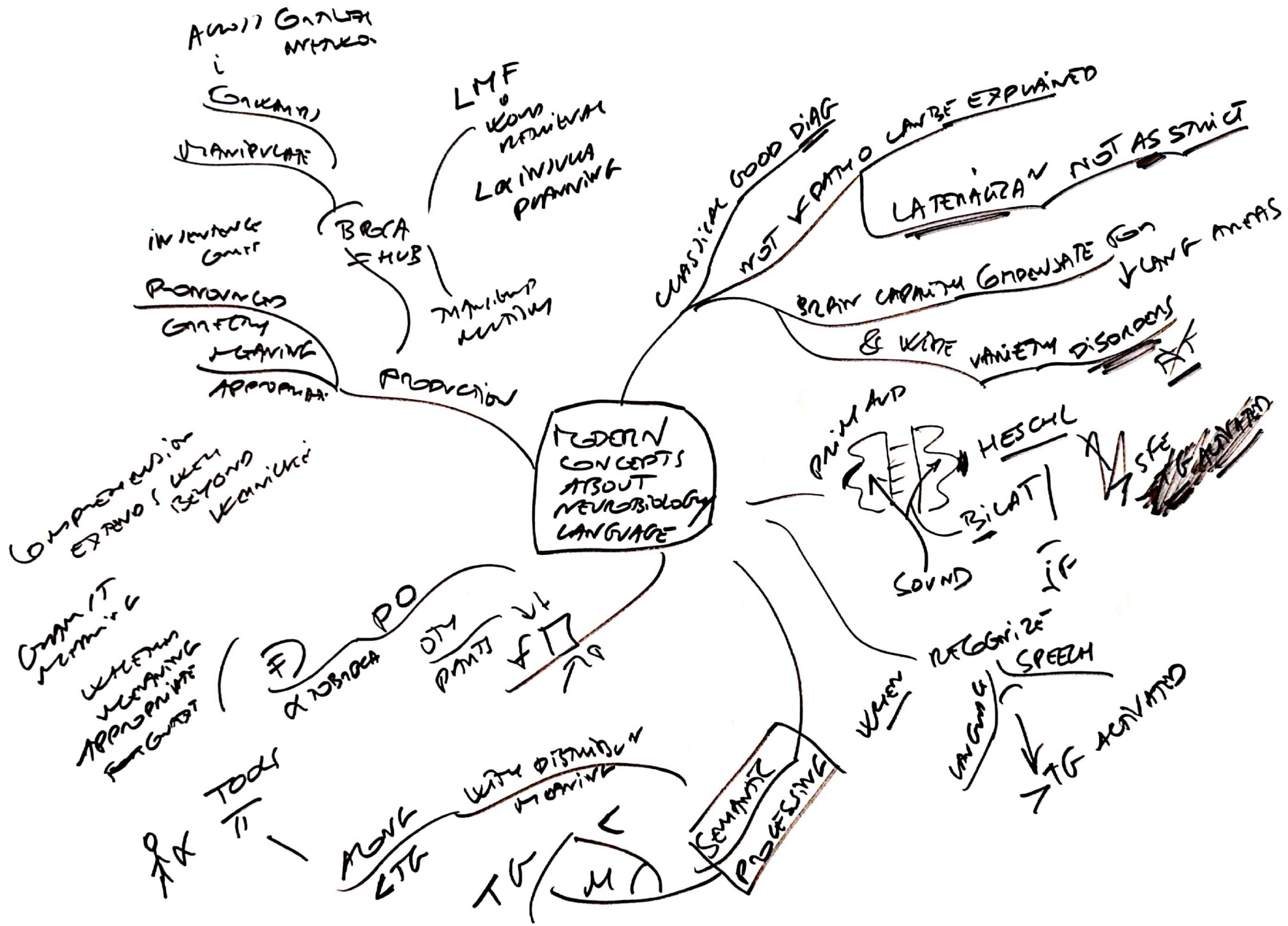
(SEEKING MEANINGS)

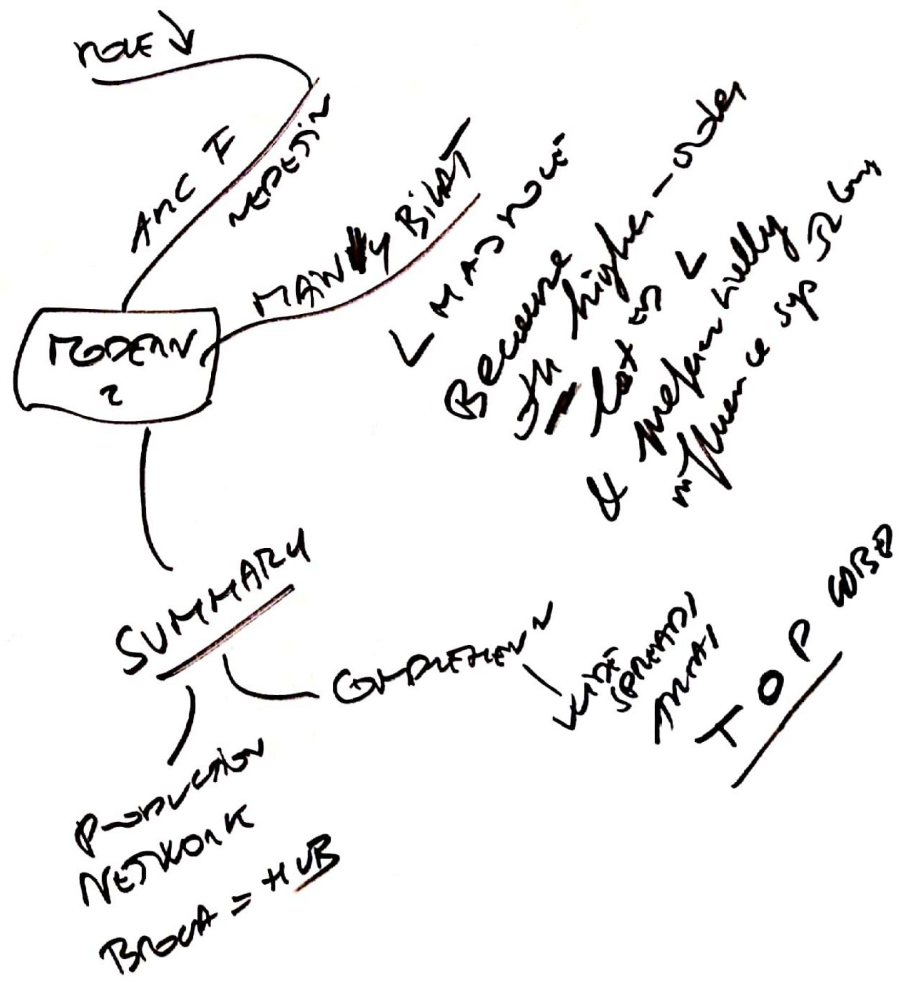
2 PLANNED

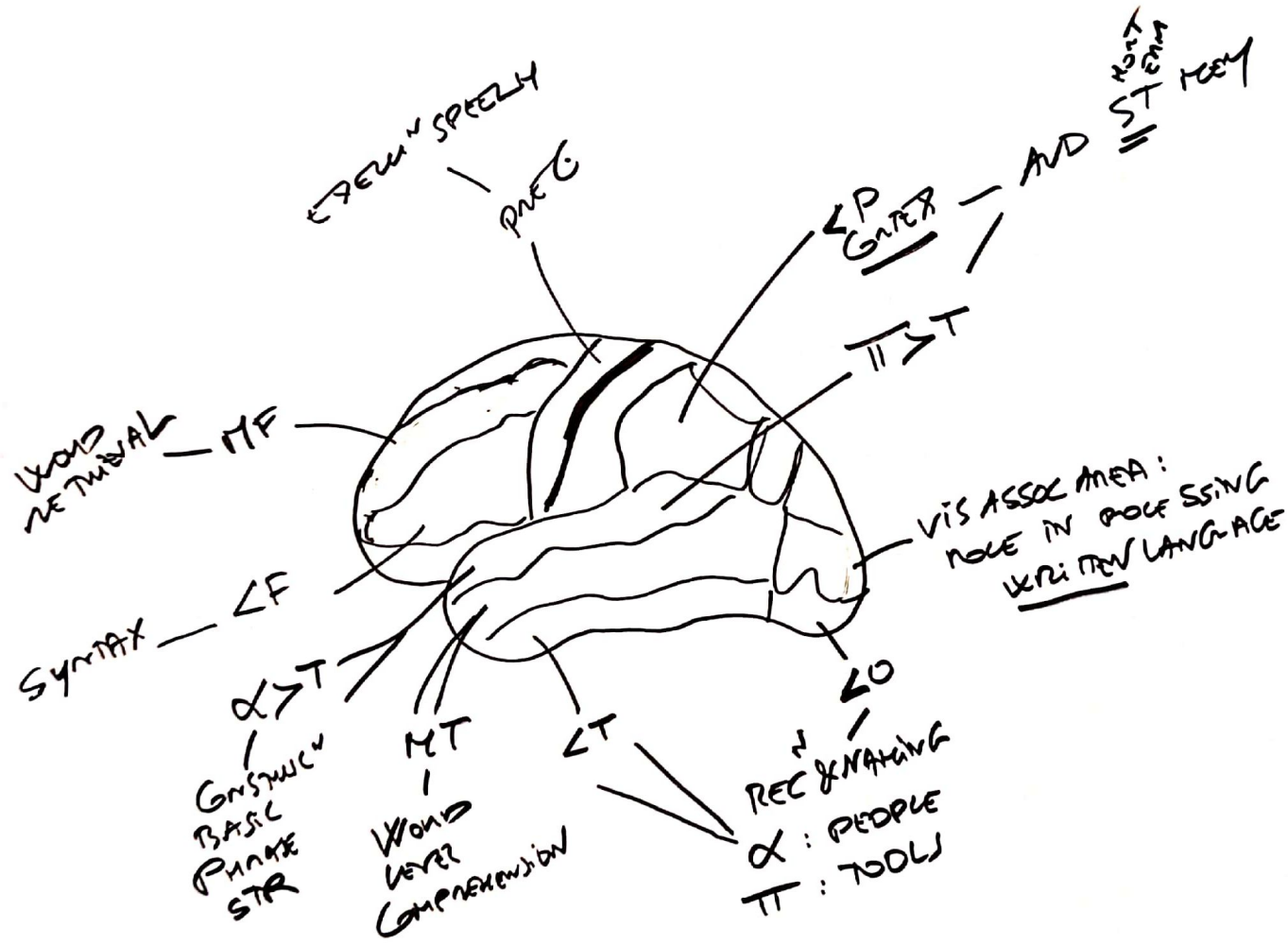
WRONG WORD NEOLOGISMS  
"GIBBERISH"  
- REPEITION MAY BE IMPAIRED  
- OFTEN NOT AWARE

= APHASIAS

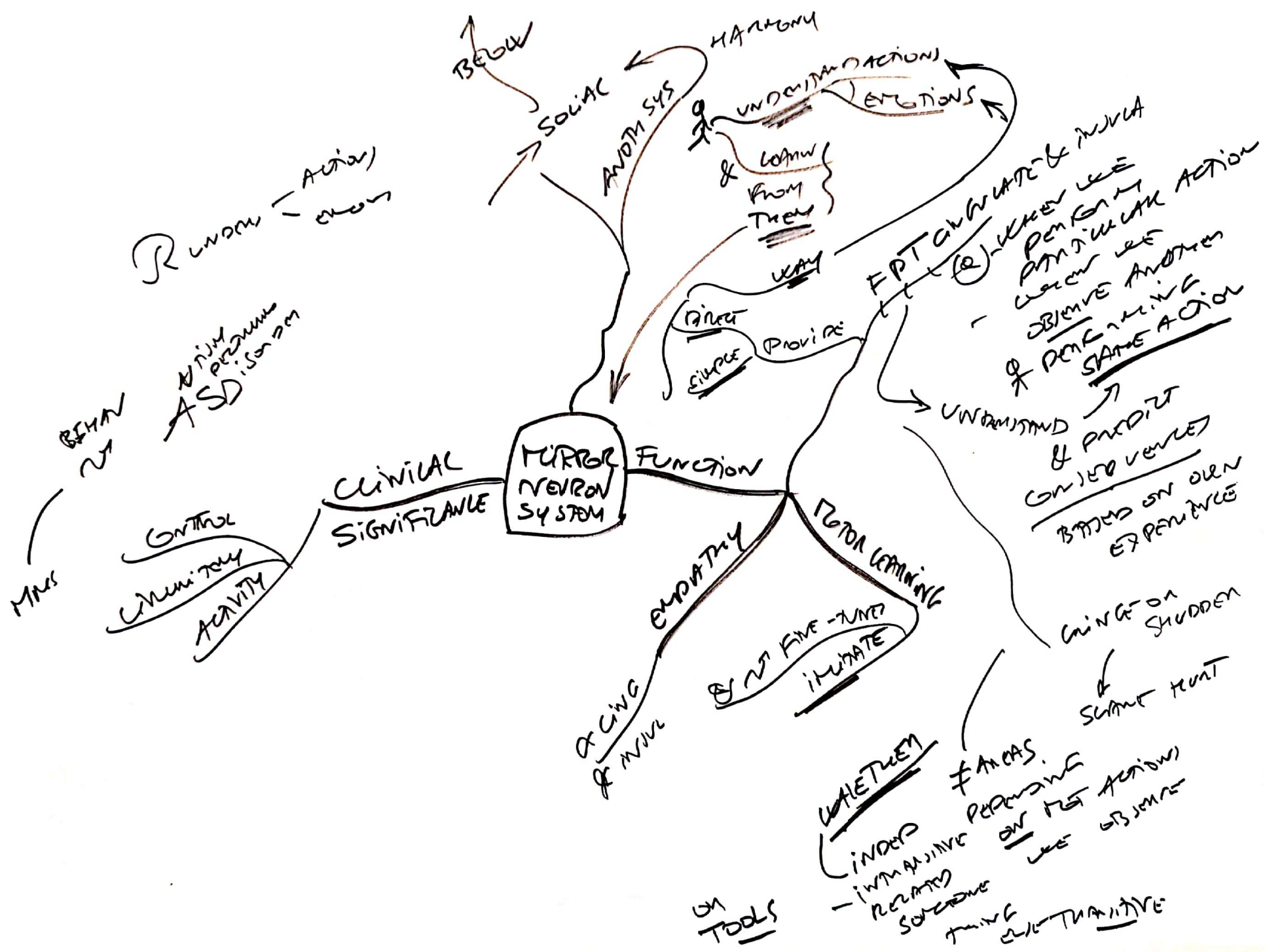


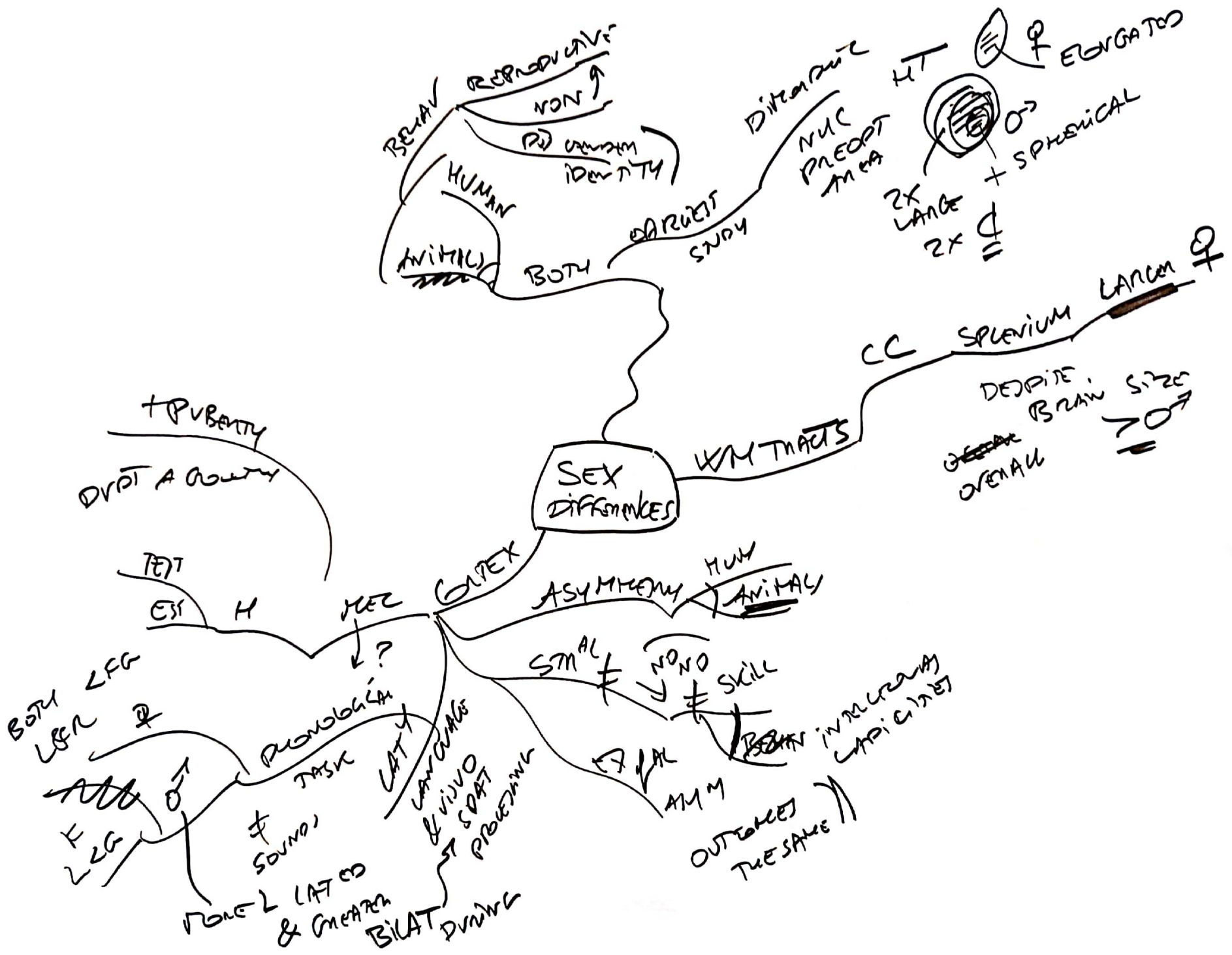






NUMBER  
UNDERSTANDING  
LANGUAGE  
PROCESSING  
IN L HEM  
↓  
USUALLY  
DOMINANT







INTERSTITIAL  
 VENTRAL OVERLAP  
 SLOW

VEINS  
 = END AA

HAVE CORNER WITH STM

PRESSURE  
 TO PENETRATE  
 OUTSIDE  
 TERRITORY



ANAA  
 VASCULAR  
 PERFUSION  
 AREAS  
 COLLAPSE  
 TO RETURN  
 = WASHED

POST  
 VULNERABLE

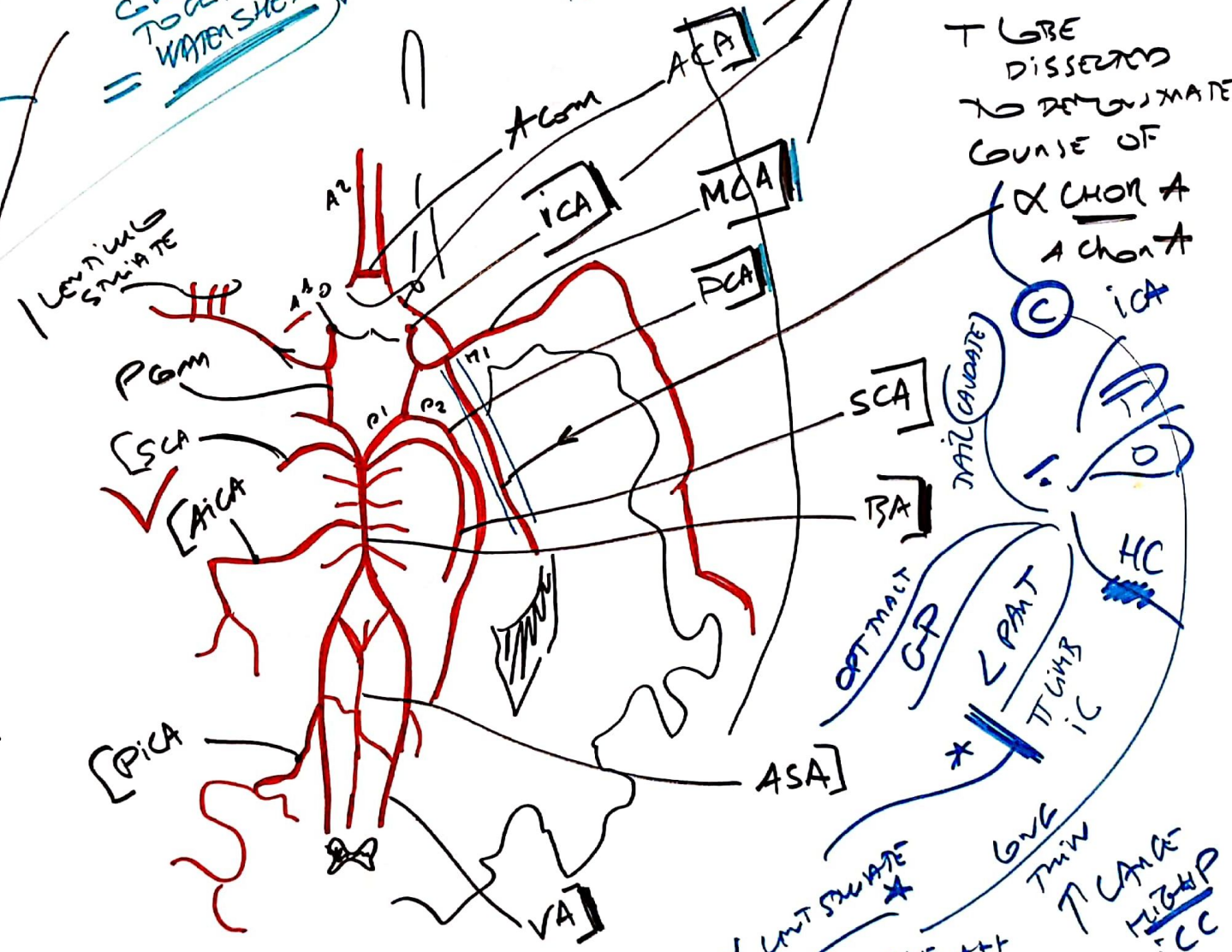
LOW BP  
 OR  
 BLEED

CIRCULAN

19  
 WILLIS  
 OR  
 VENTRAL  
 SFE

TUBE  
 DISSECTS  
 TO DEMONSTRATE  
 COURSE OF

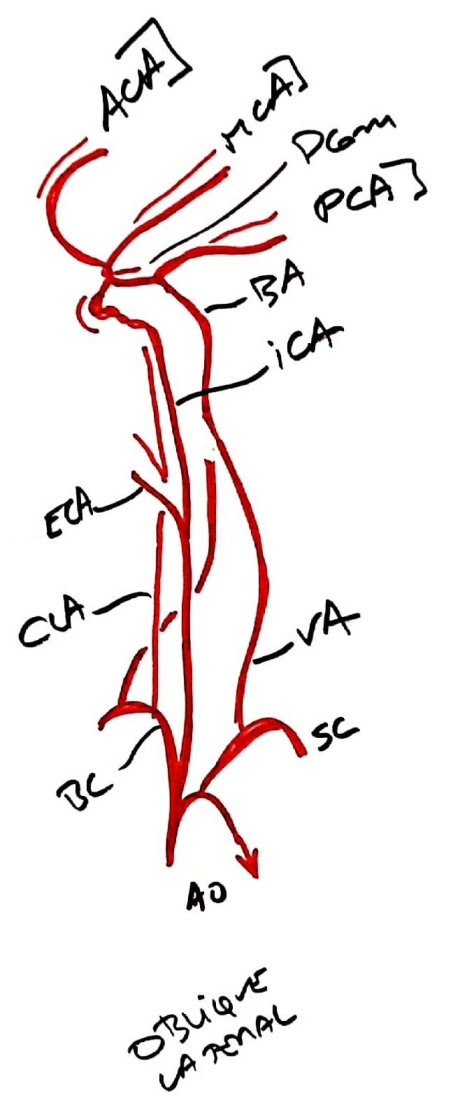
CHOR A  
 A CHOR A



HEAVY  
 STROKE

VULNERABLE  
 +++

LONG  
 THIN  
 TUBULAR  
 HIGH  
 ICC





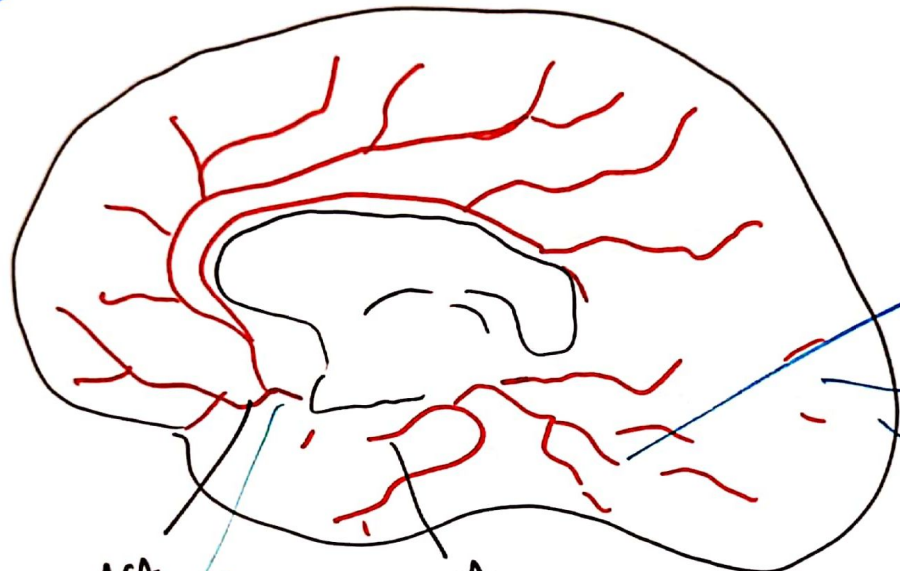
A & PCA  
ON MEDIAL  
SFE  
R  
||

LEFT SIDE  
HEAD (CNOATE)  
OLMBIC

CONVULSIVE DEEP ISZ

AI and BA  
rather over 1/2 side  
Brain

1-2cm  
SFE  
MEDIAL  
SFE

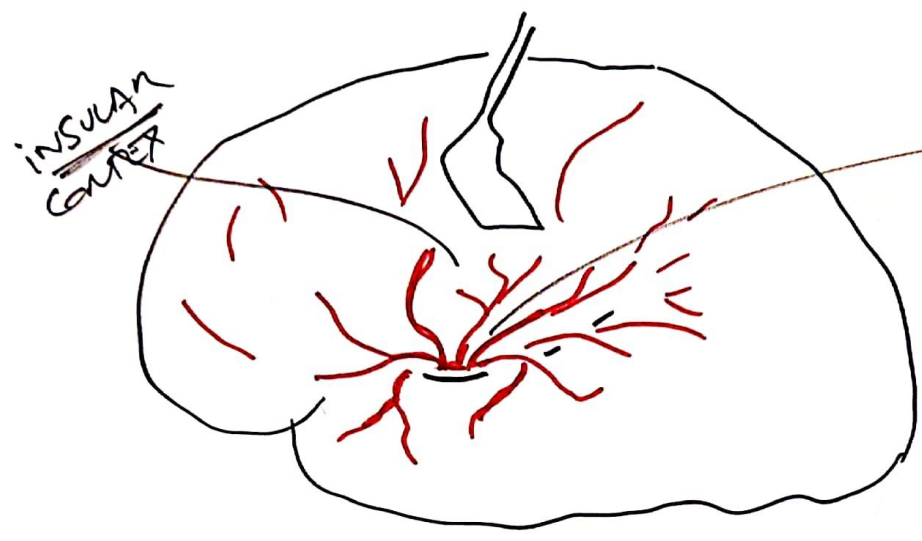


M SFE  
M T  
SPLENIUM CC

ACA  
into  
INTRACRANIAL  
FISSURE  
SFE CC

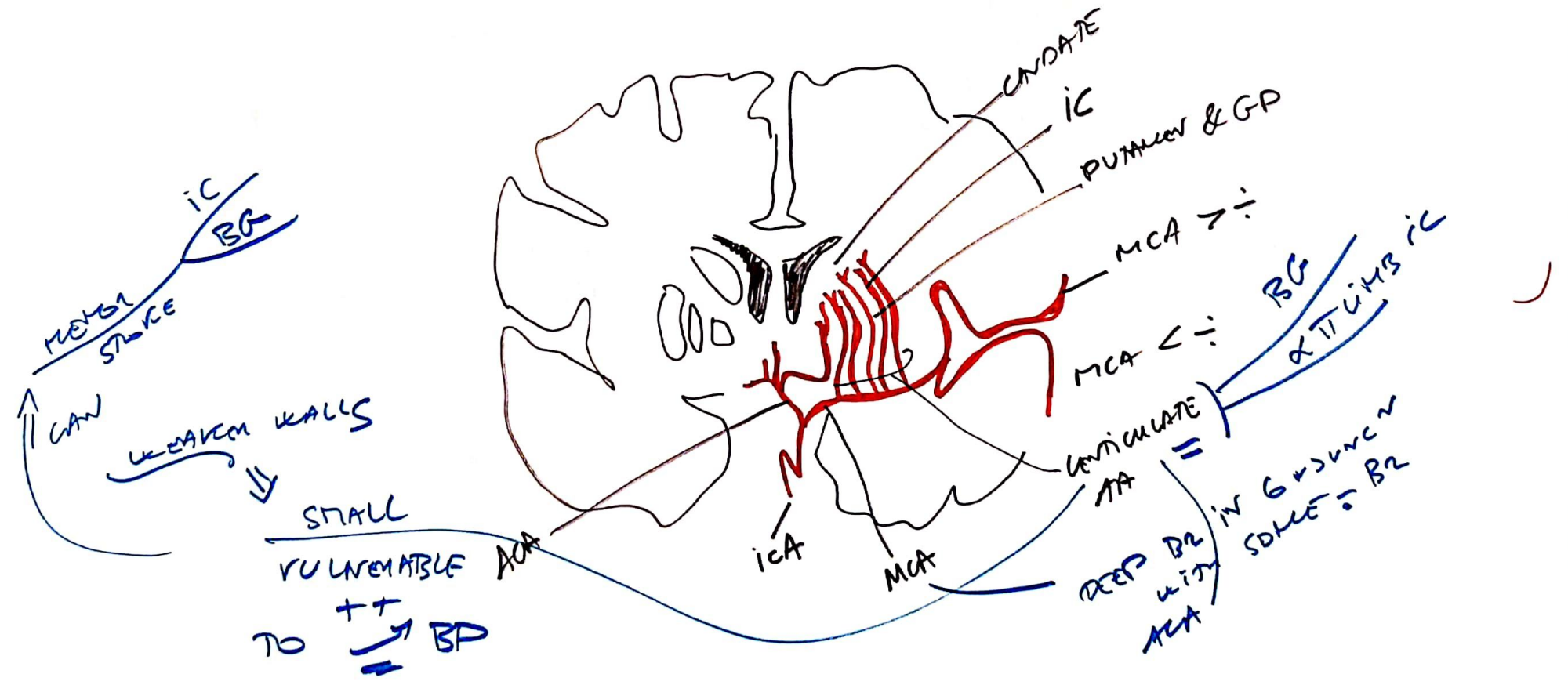
PCA  
SWINGS BACK  
AROUND MIDBRAIN

T  
PMT MDSB  
PMT TICMB  
IC

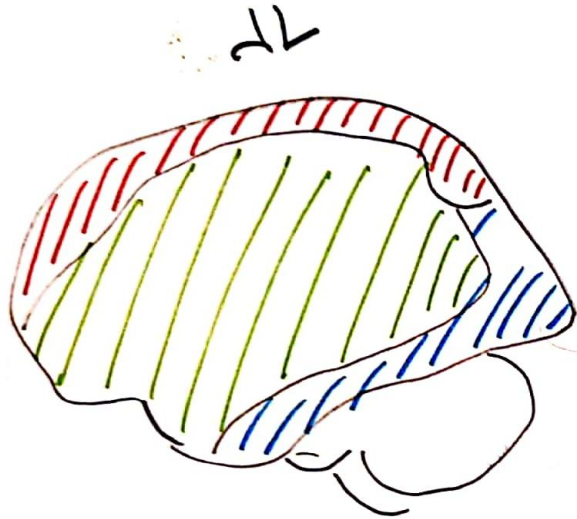


LARGEST

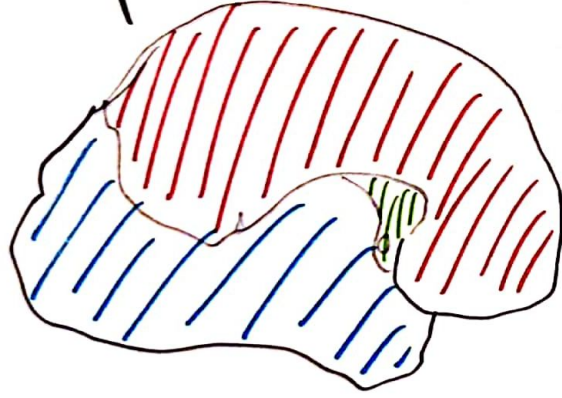
(B) MCA  
BRANCHES  
INTO > & < :-  
IN THIS  
TO SUPPLY  
ASPECT  
OF F/P LBES  
& T LBES  
RESPECTIVELY



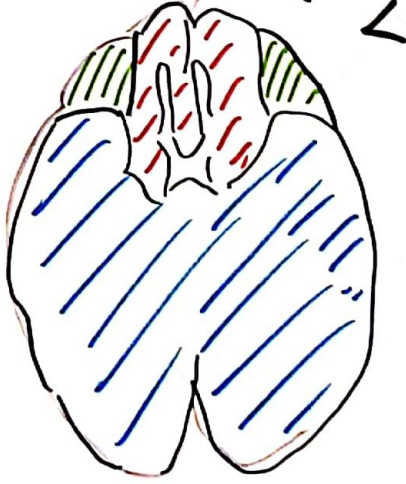
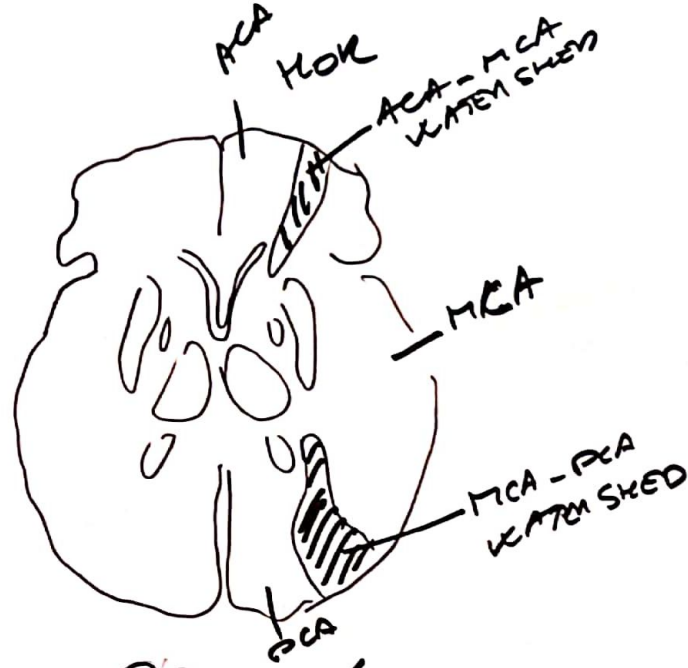
PERF AREAS  
MCA  
ACA  
PCA  
ON STE  
CER HEMIS



ML



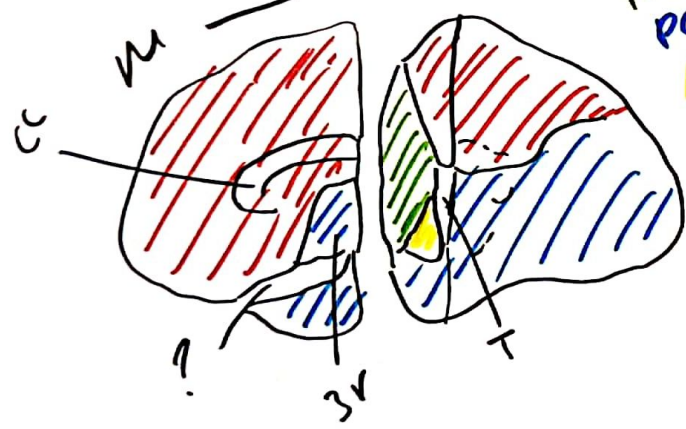
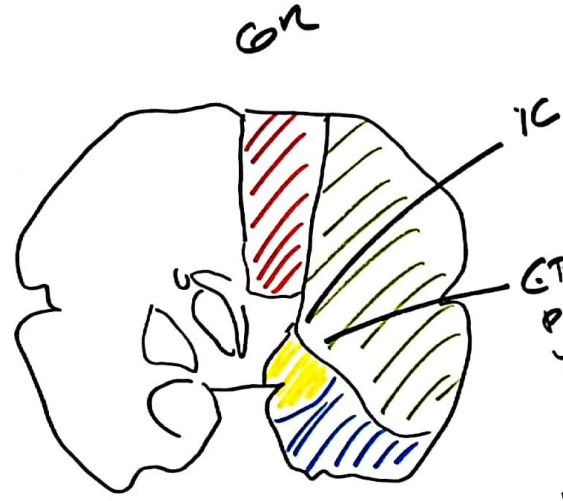
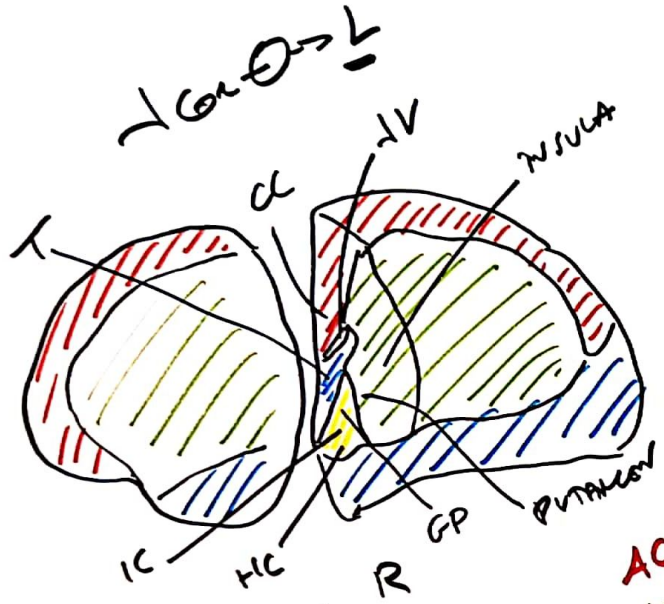
MCA  
ACA  
PCA



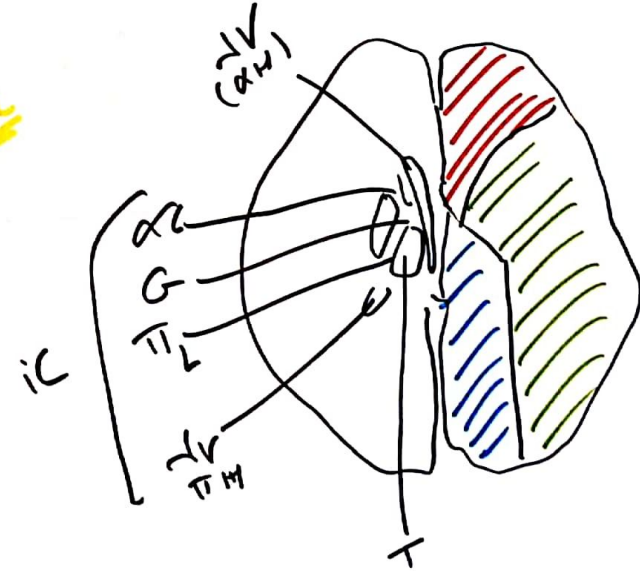
PERF ANAS

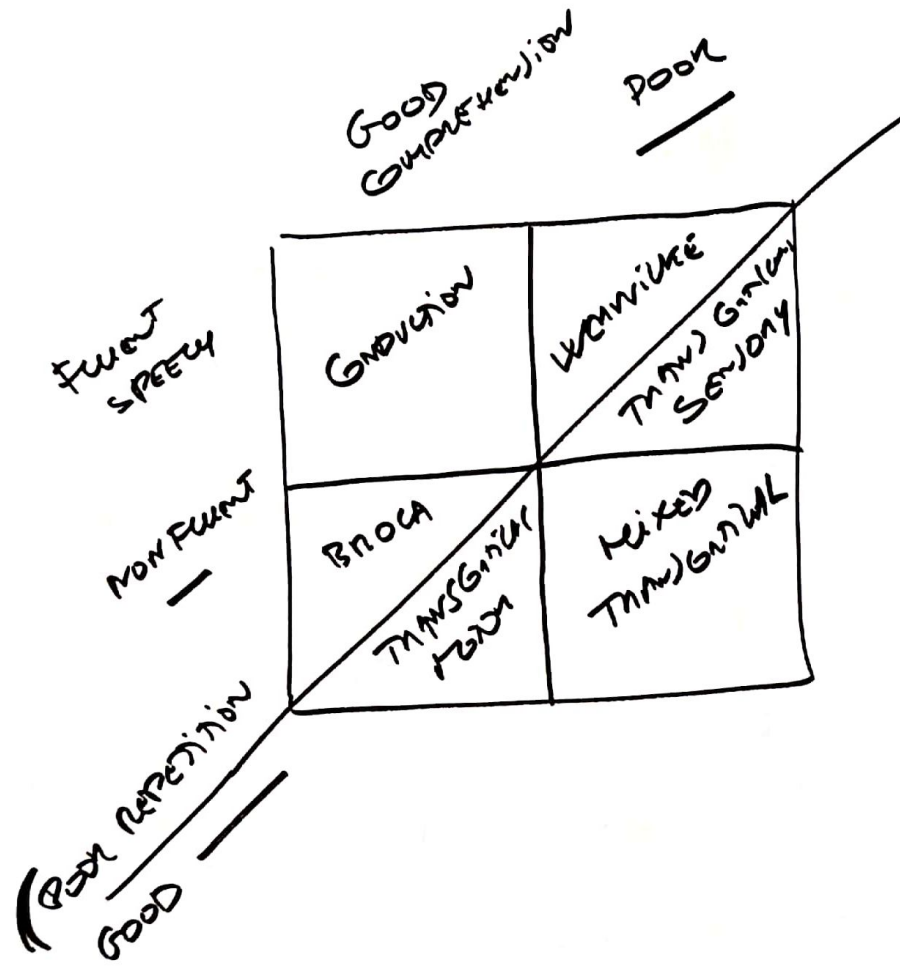
M  
A  
P  
A chor

DEEP IN  
FOLIES

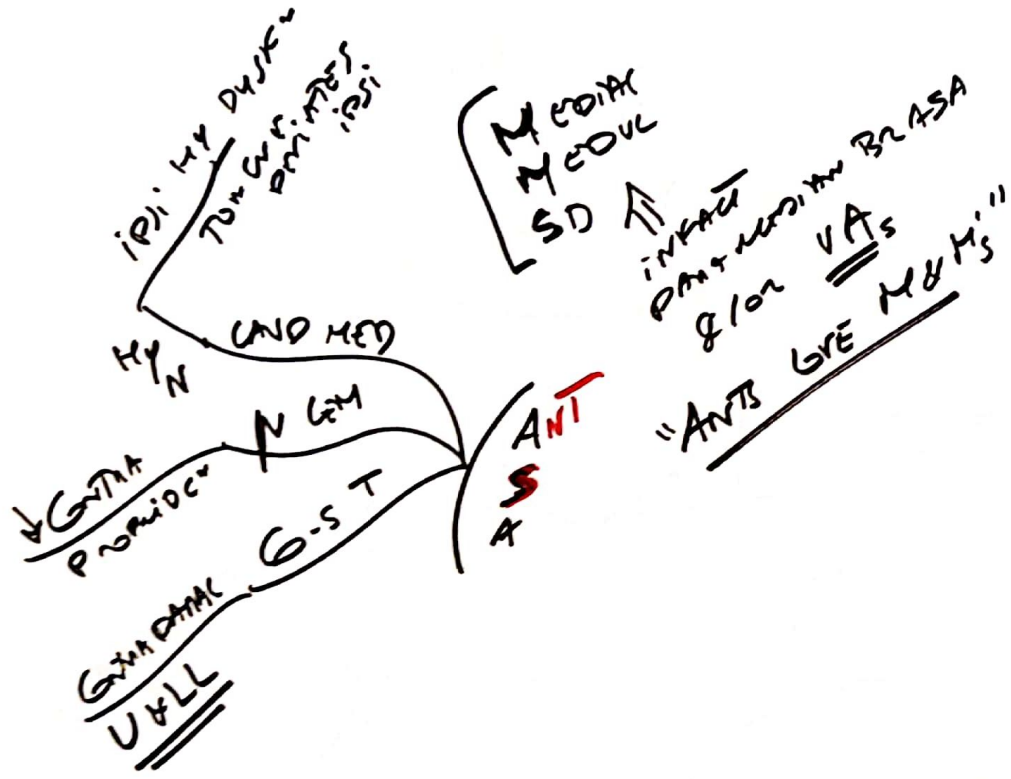


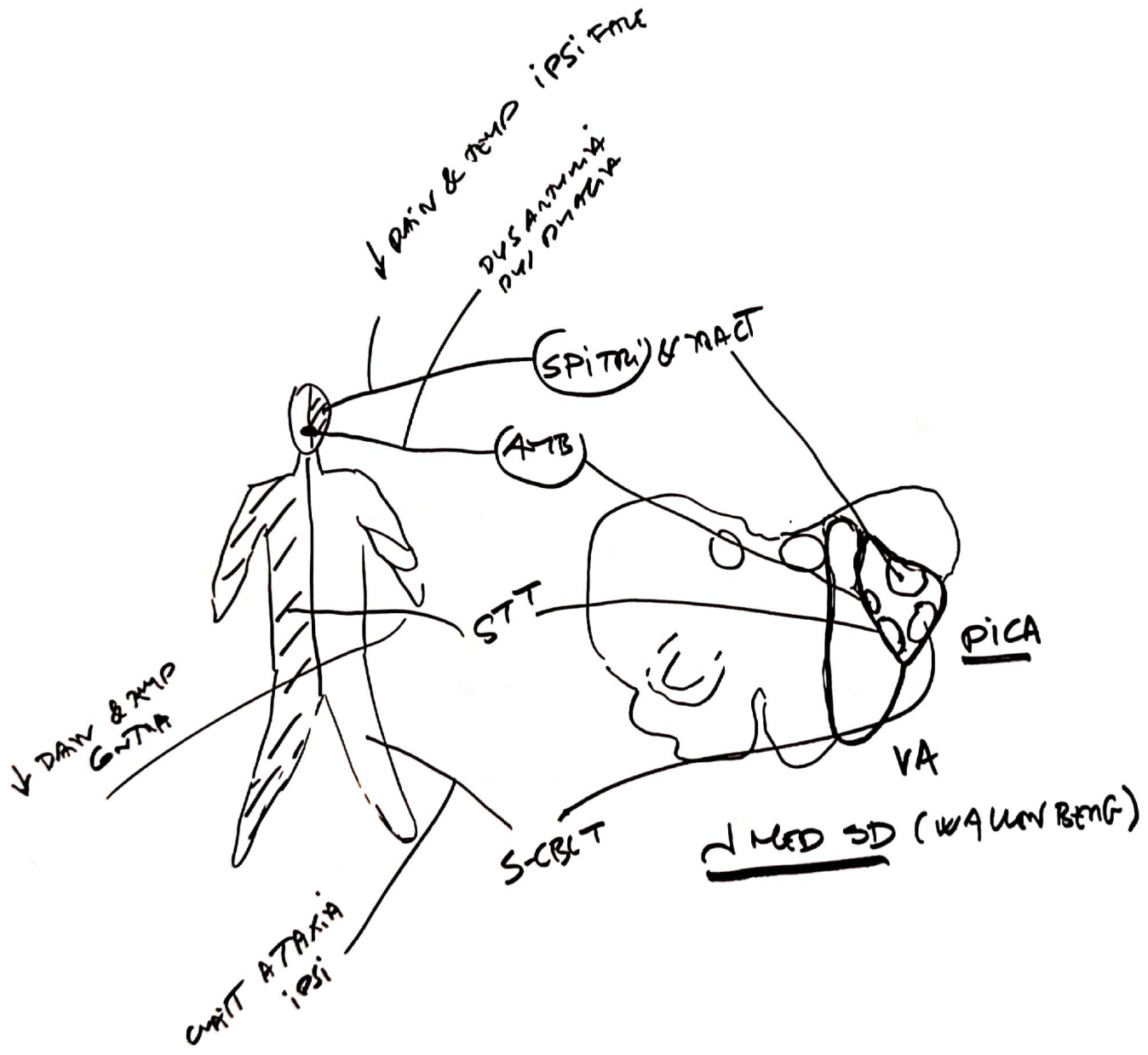
ACA  
MCA  
PCA  
A chor



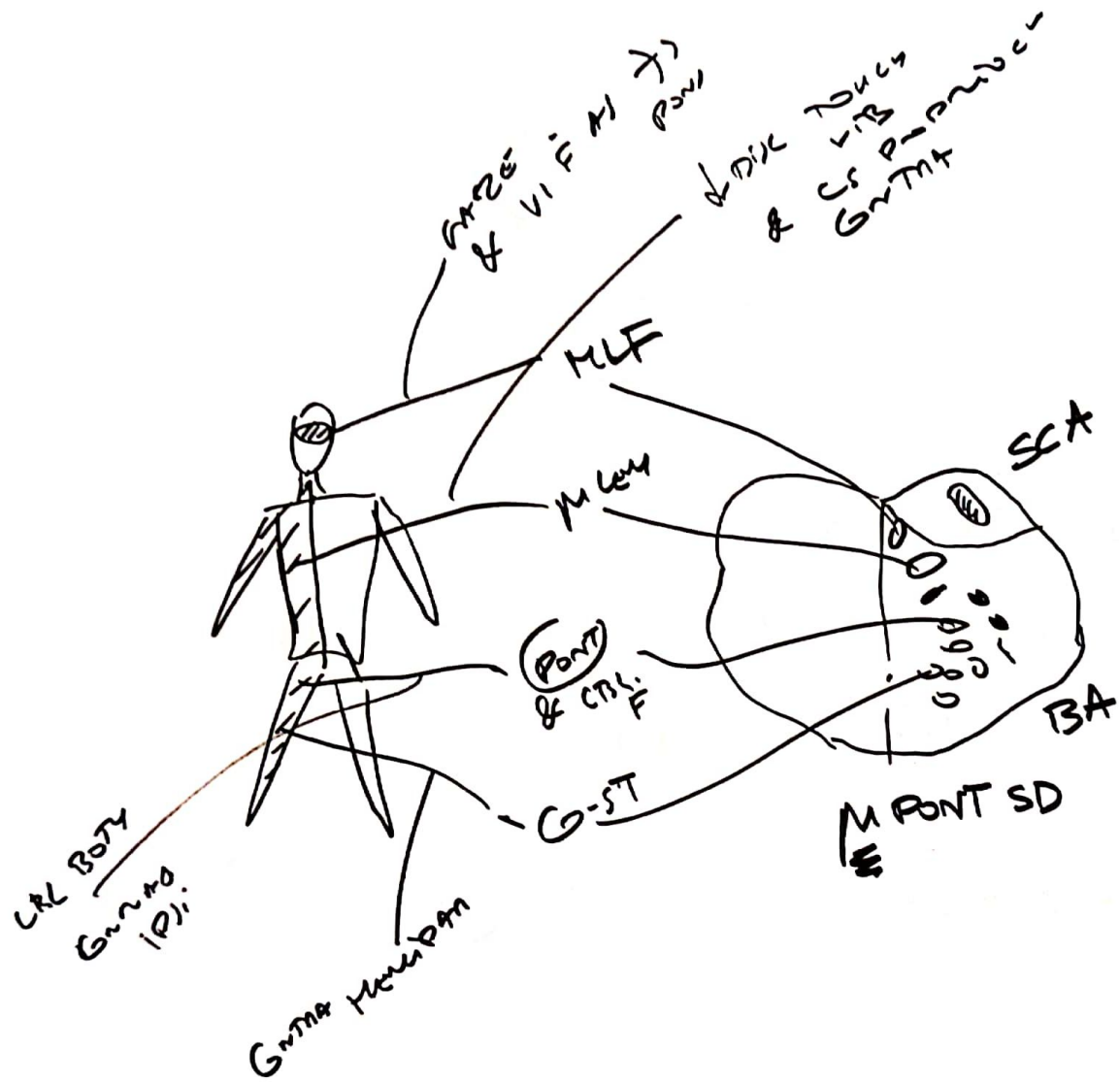








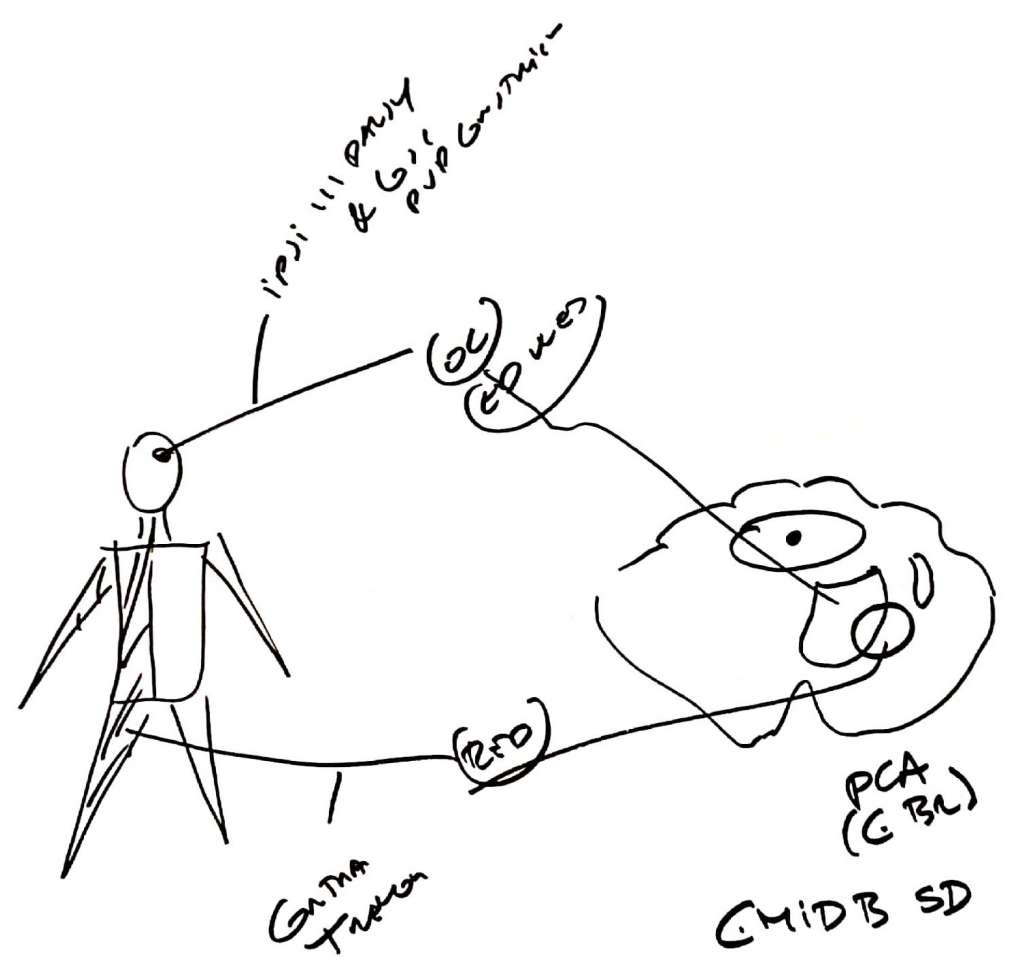




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T-G ANT



G.M. 1. 2021/2022

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