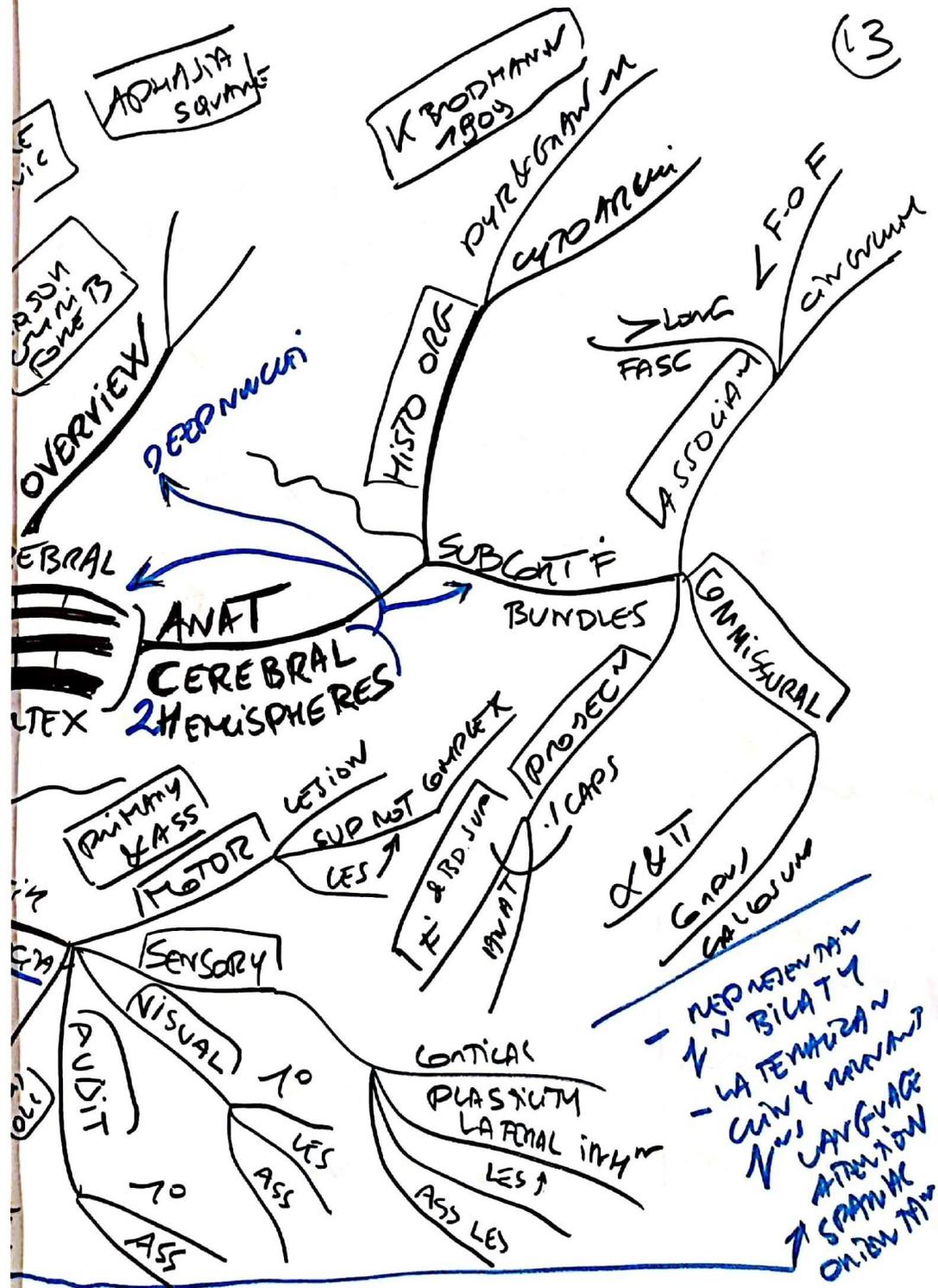
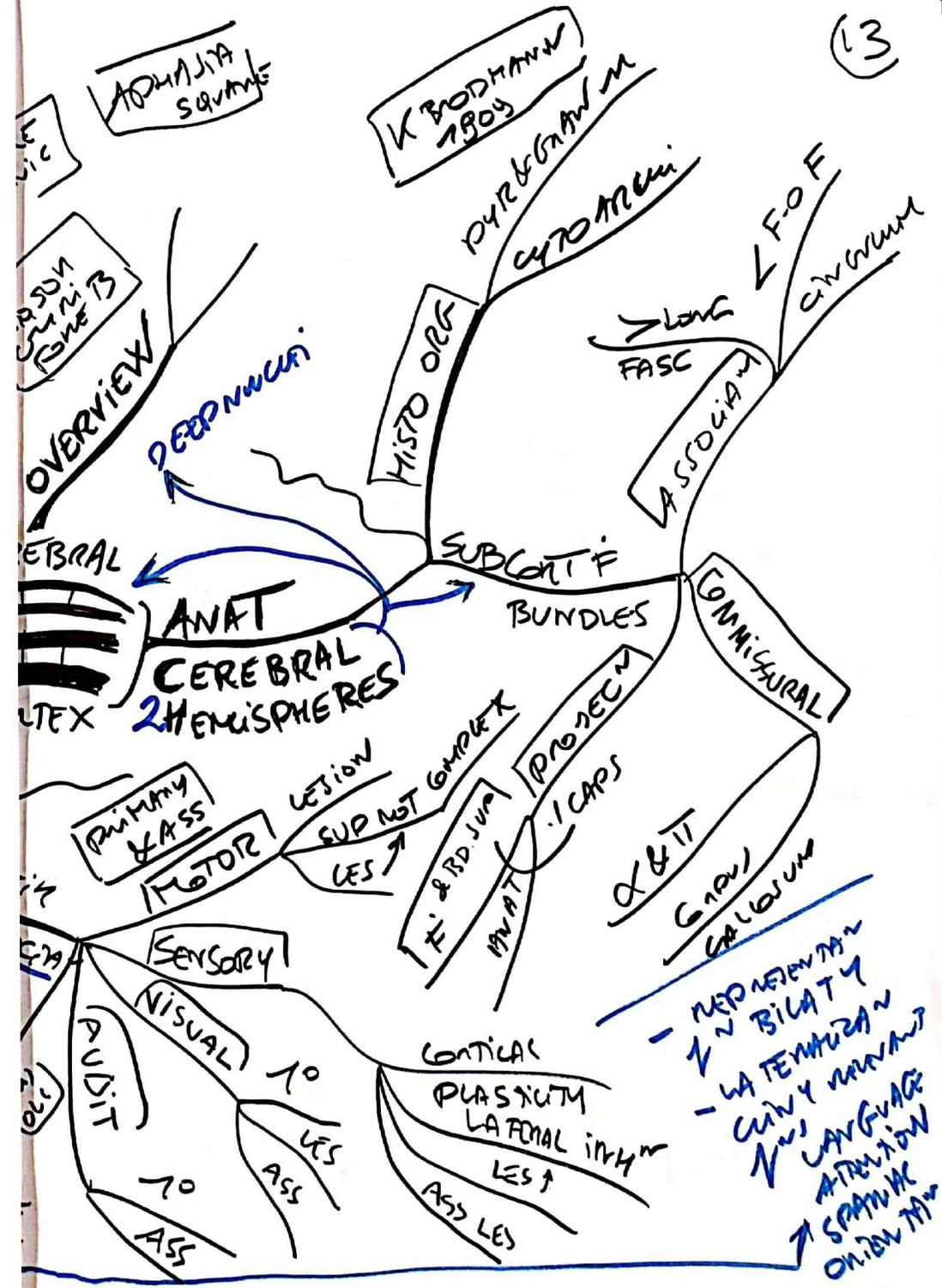


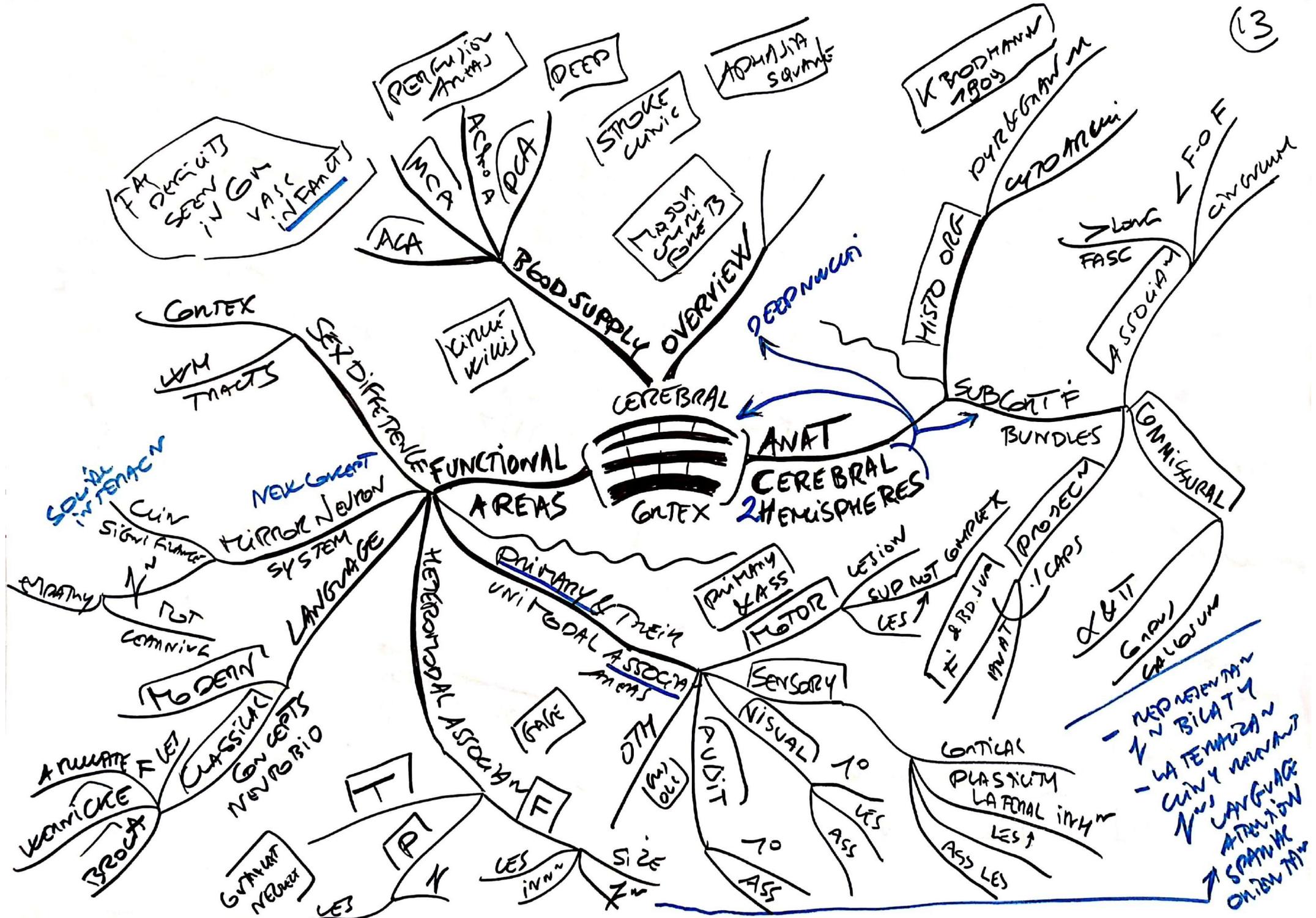
# CEREBRAL CORTIX

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





# CONTENTS & SUMMARY

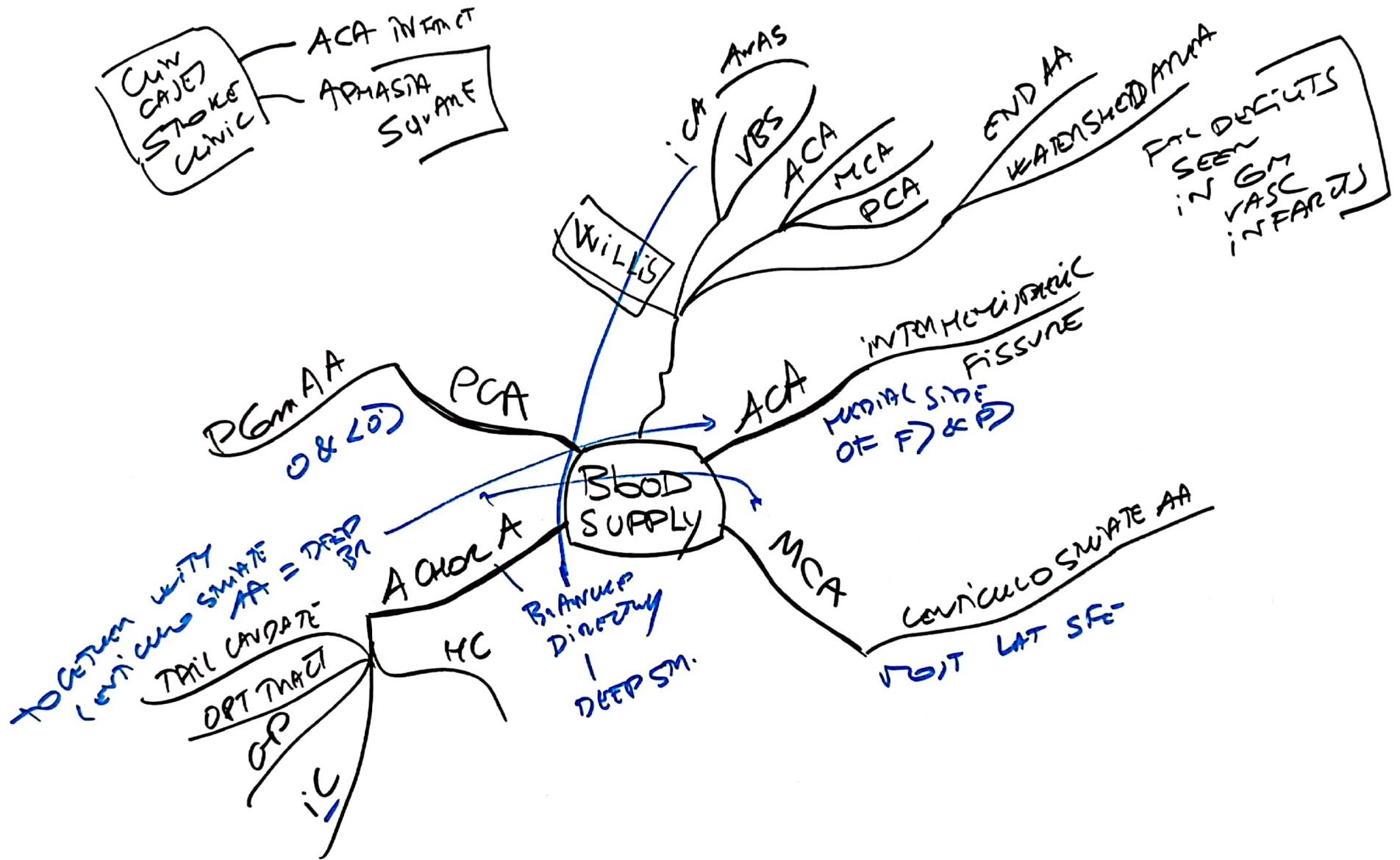


MAJON Gym  
KONSTRUKTION

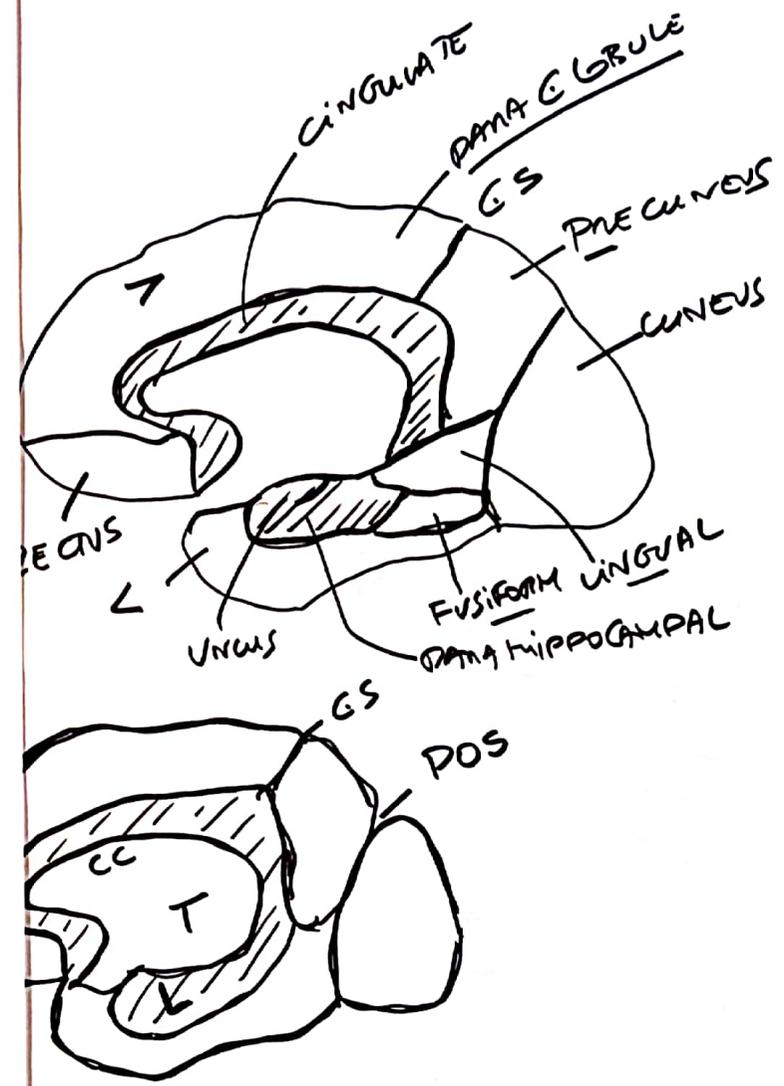
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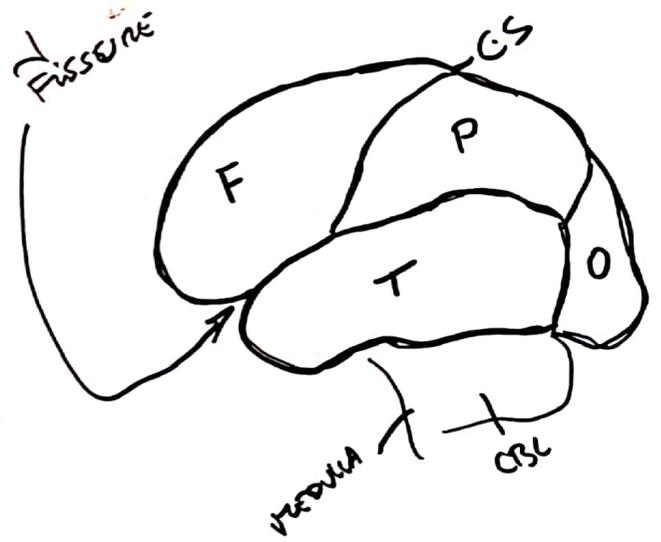
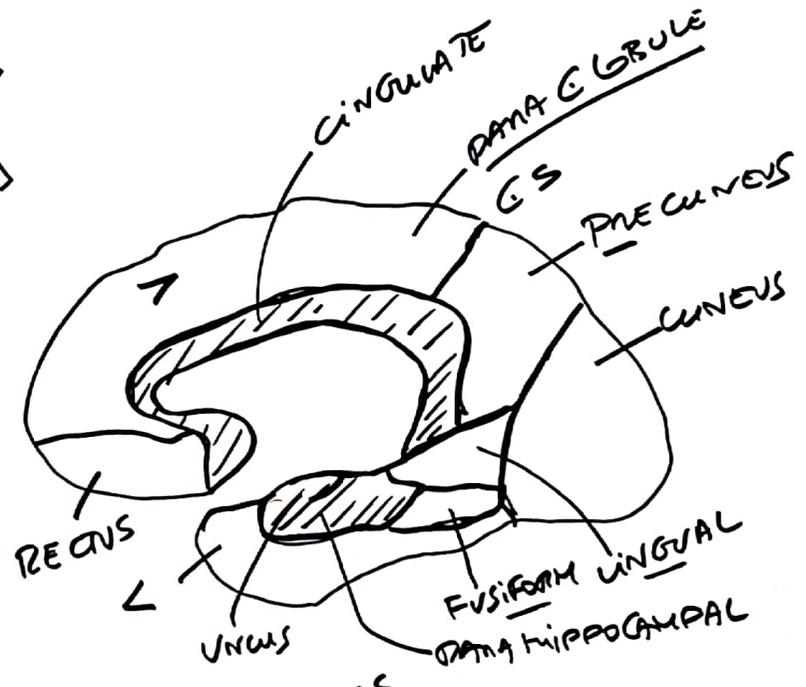
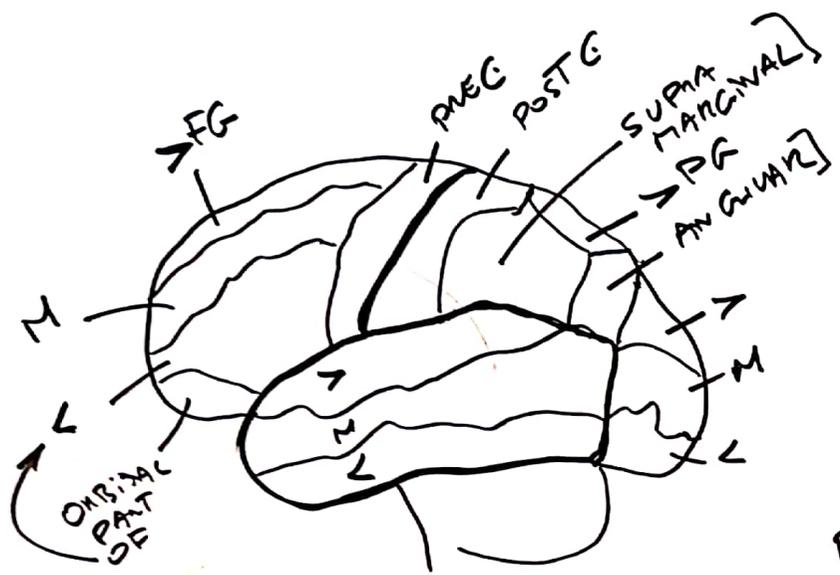
# MAJOR gyri FOLDS



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

OVERVIEW ✓

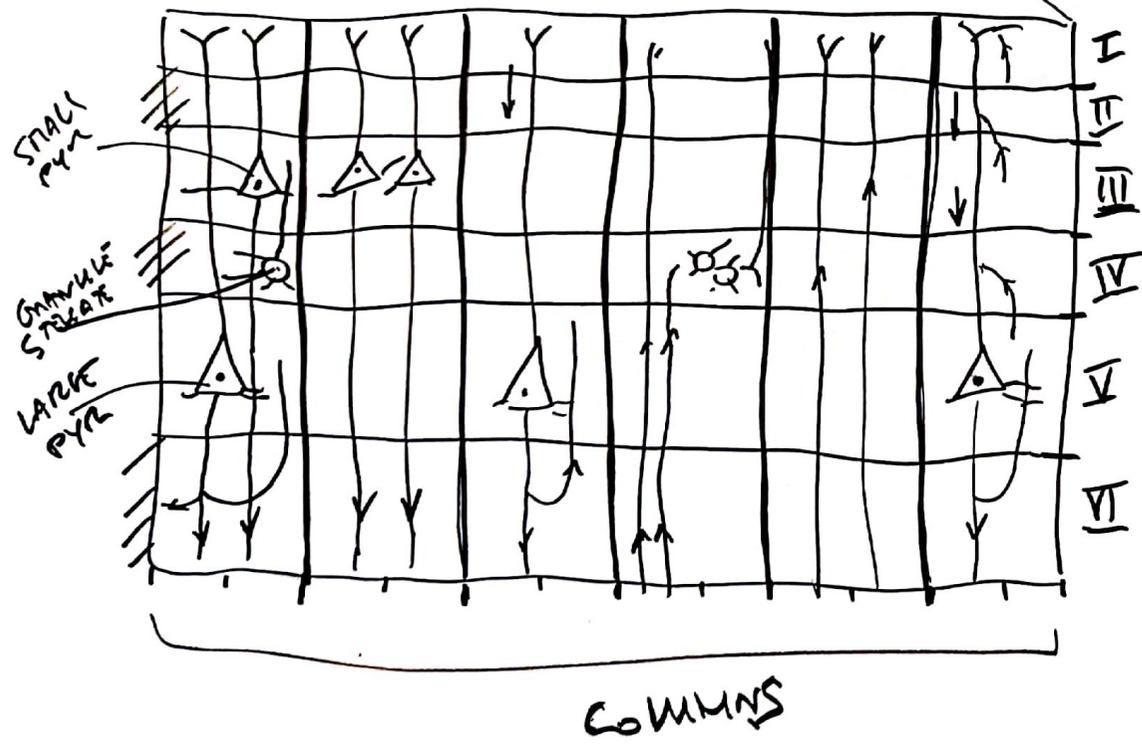
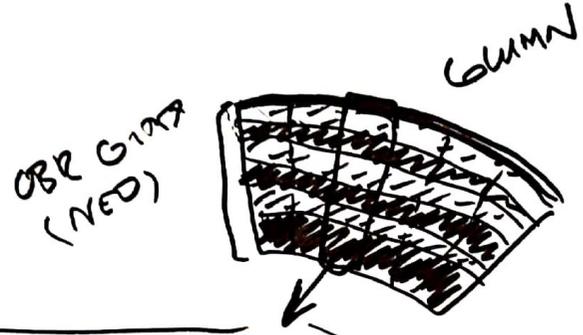
# MAJOR GYRI FOLDS



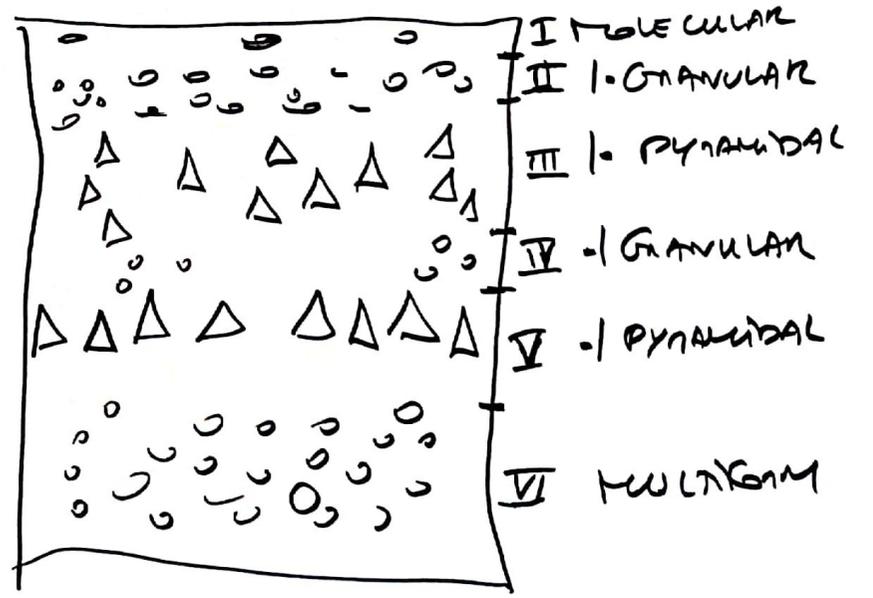
- G = GYRUS
  - S = SULCUS
  - F = FRONTAL
  - T = TEMPORAL
  - P = PARIETAL
  - O = OCCIPITAL
  - L = LIMBIC
- LOBES
- > = SUPERIOR
  - M = MIDDLE
  - < = INFERIOR
- C = CENTRAL
  - ∩ = LATERAL

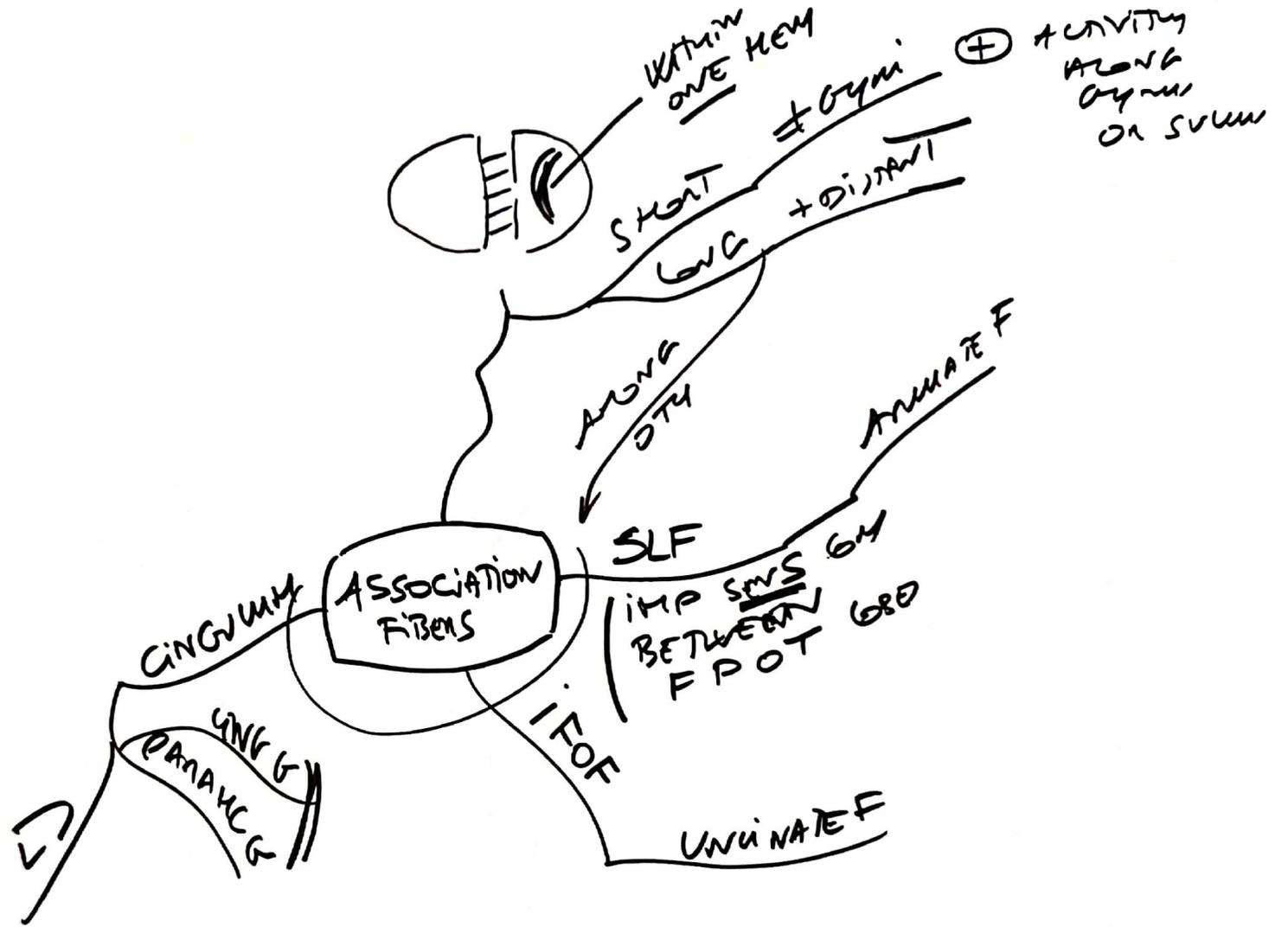






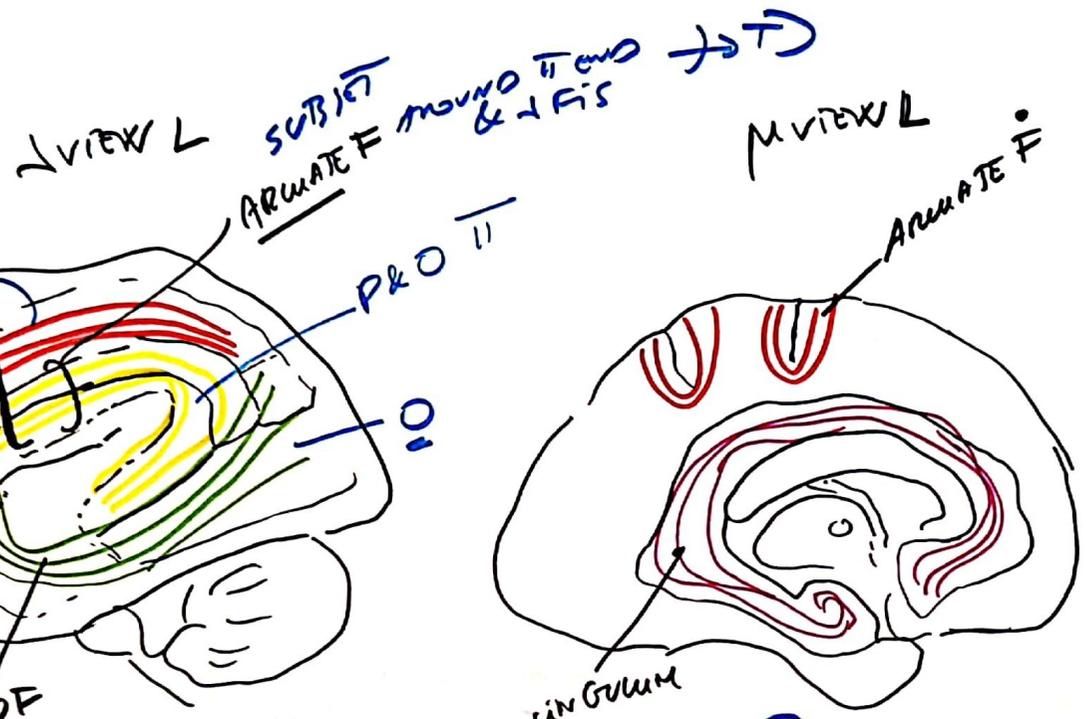
LAYERS





# ASSOCIATION FIBERS IN FOREBRAIN

F = FASCICULUM  
F = FIBER



SLF  
SLF on left side  
F. fasciculus

POST CHOROID IN MID PORTION

FF

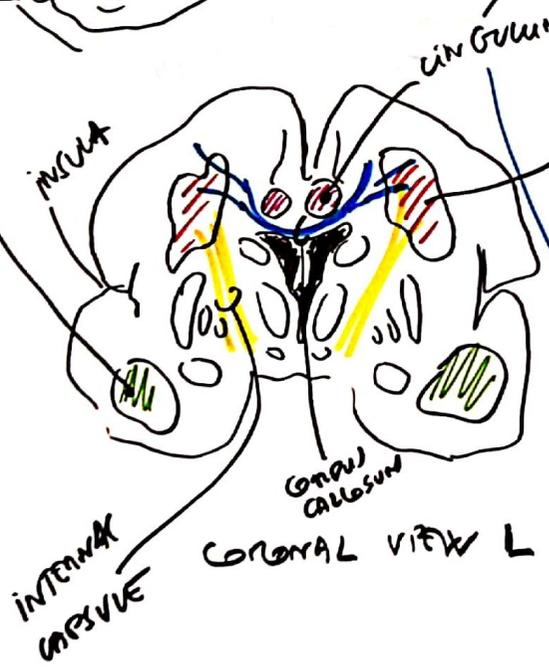
UNICATE F

HOOK AROUND MARGAN F

HUMAN VERY LARGE

EXPANSION F & T → DISTANT

BOOK IN/ULVA INTERCONNECT OVERLYING CATER IN NEOT. AREA



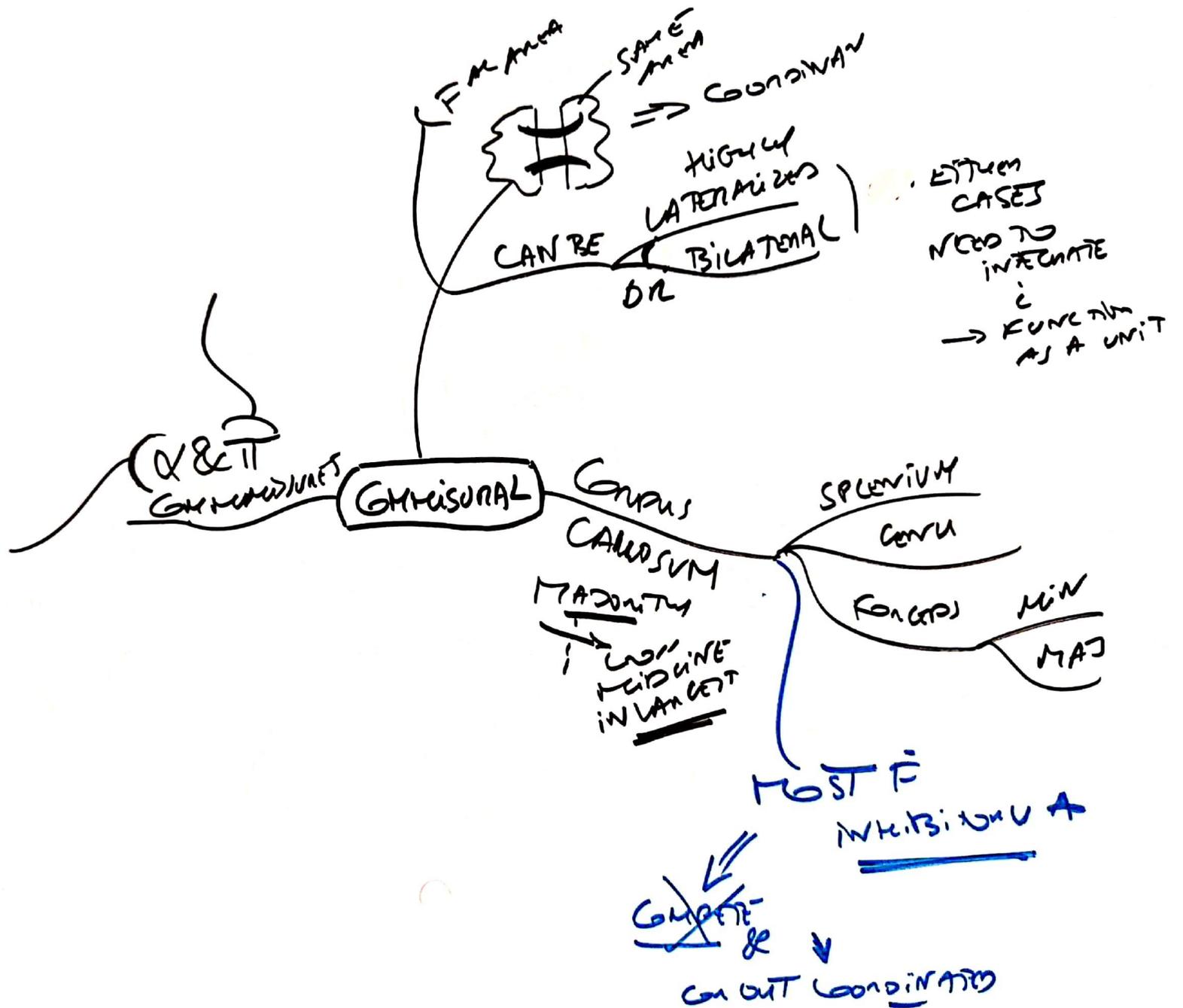
SLF  
DING ANGUATE F  
AREA  
INSULA

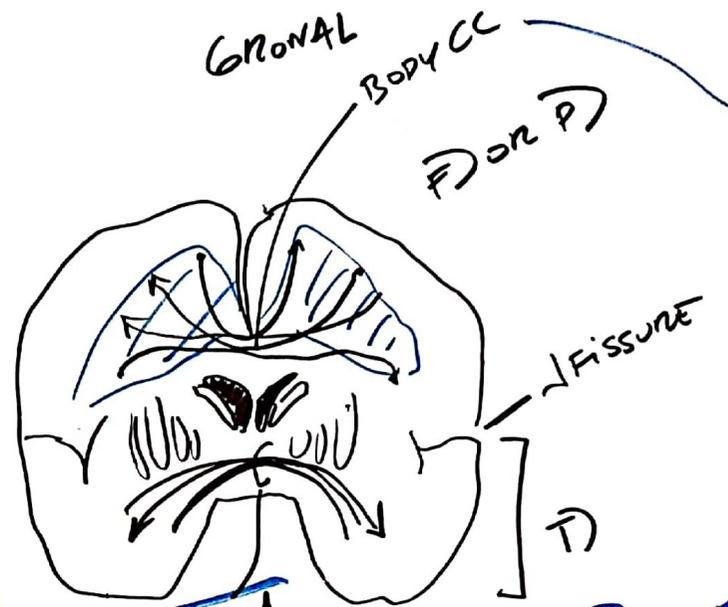
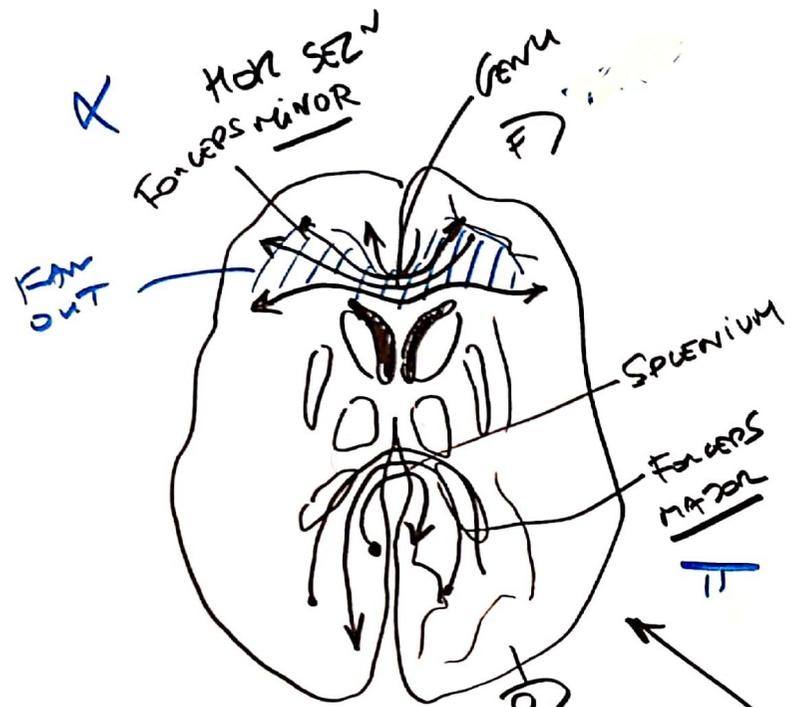
INDOM LANG SC  
CONNECTIONS  
2 HAS LANG AREA WITH EACH STM

LES 2 ANY WARENE  
↓  
FORM APHRIA DEFICIT LANG

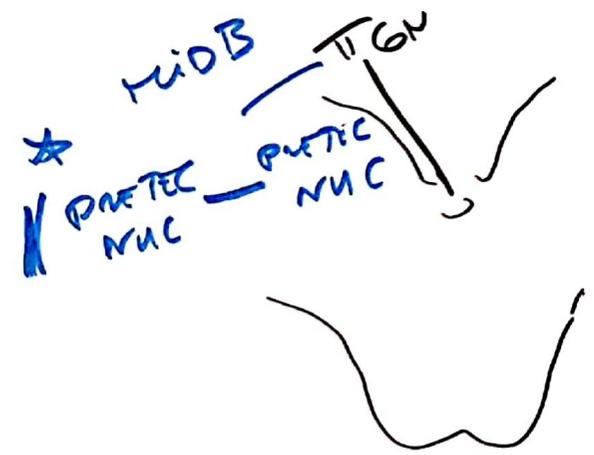
WITHIN CINGULATE G & PARA HC G

CON 7 AREAS OVERLYING LIMB SM

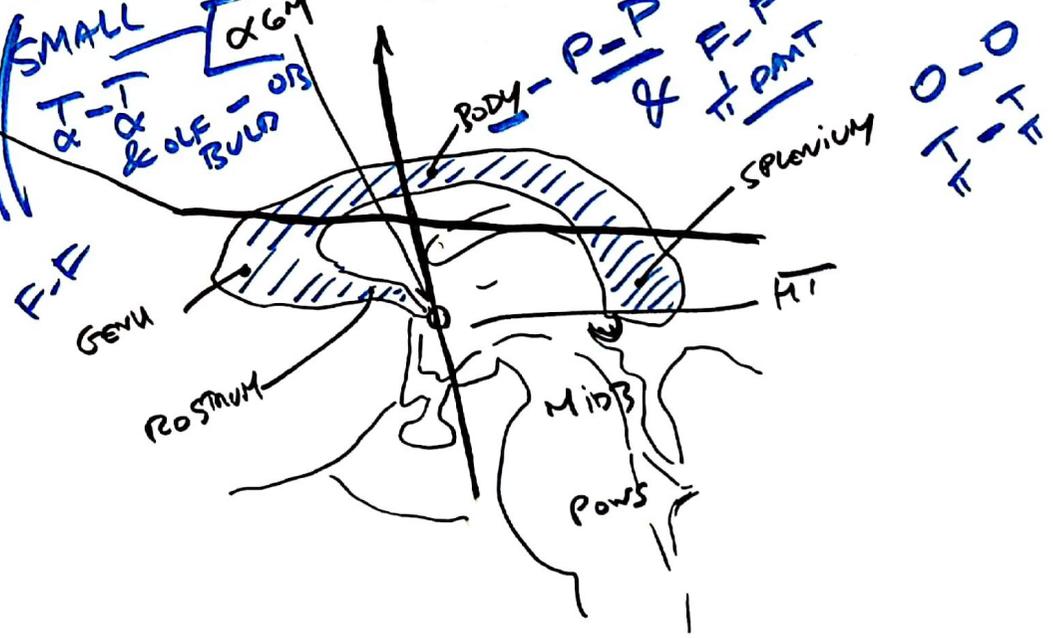


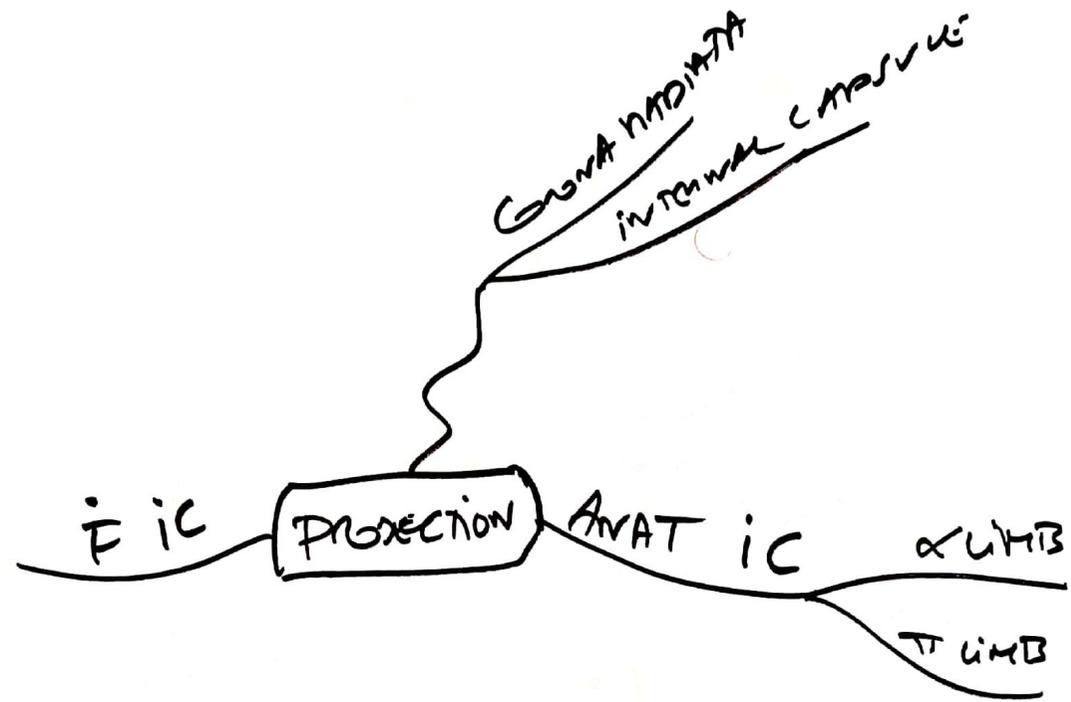


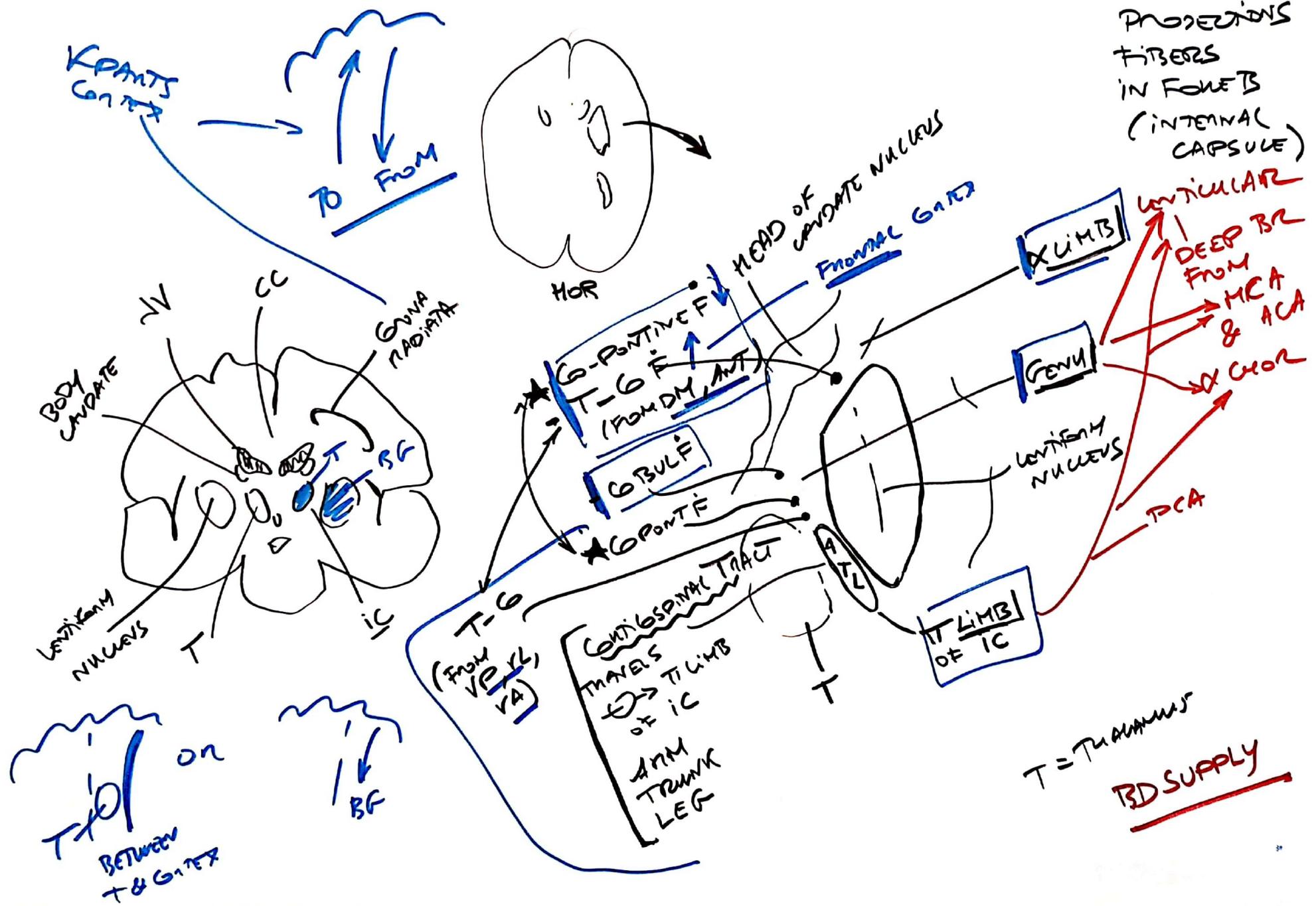
COMMISSURAL  
 FIBERS  
 IN FORNIX  
 IN  
 INTERHEM  
 FISSURE

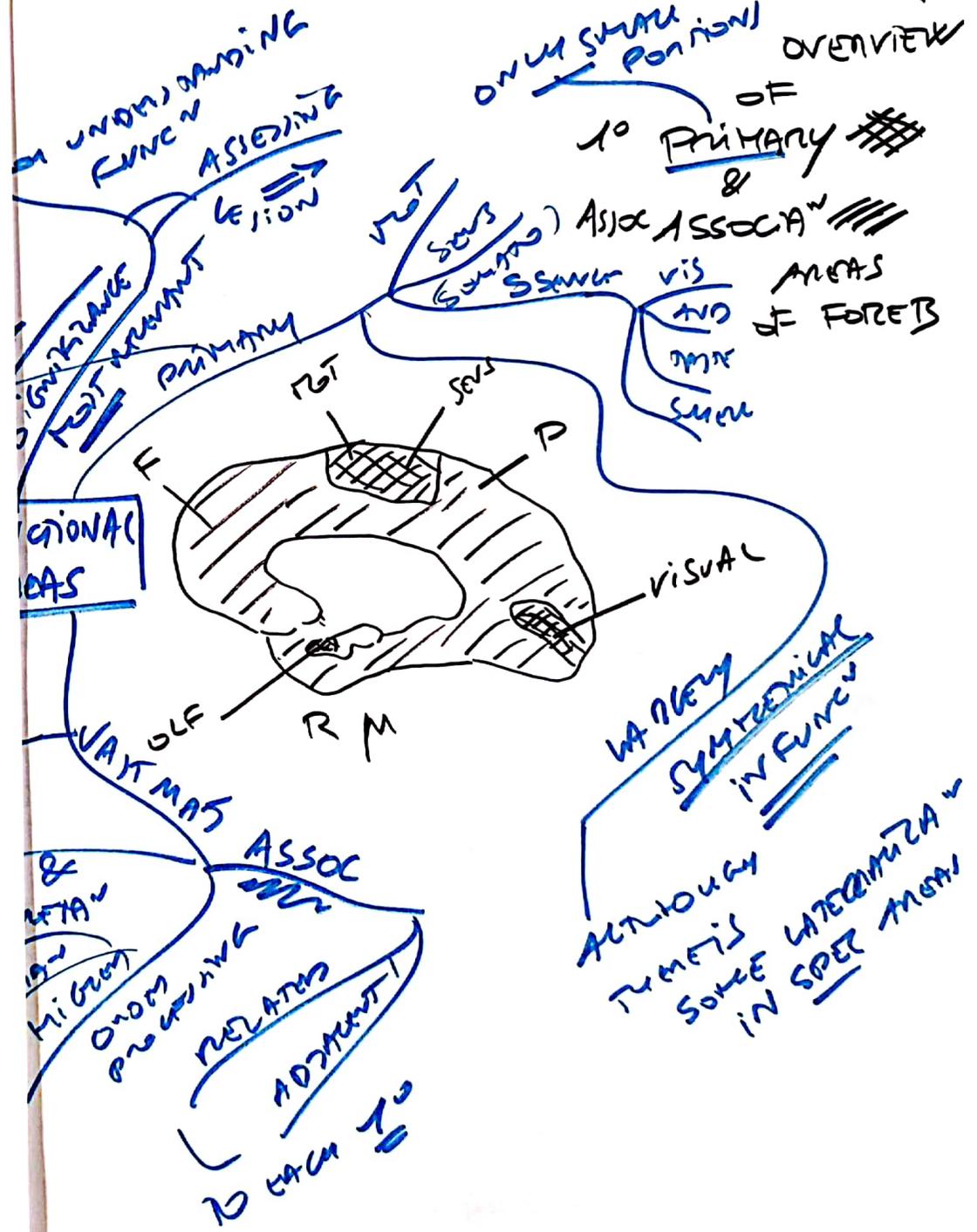


SMALL  
 T-T  
 & OFE - ORS  
 BULB  
 αGM



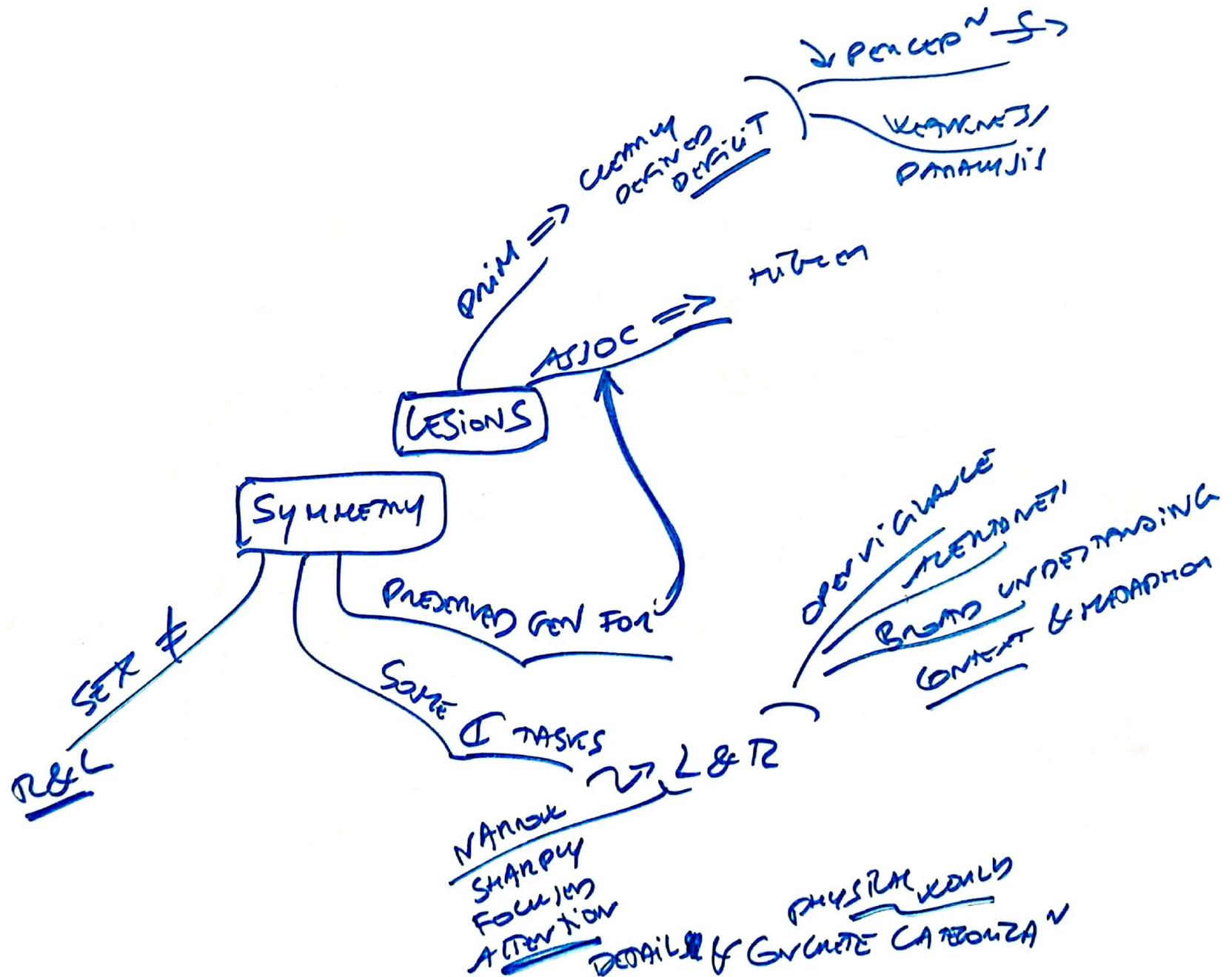


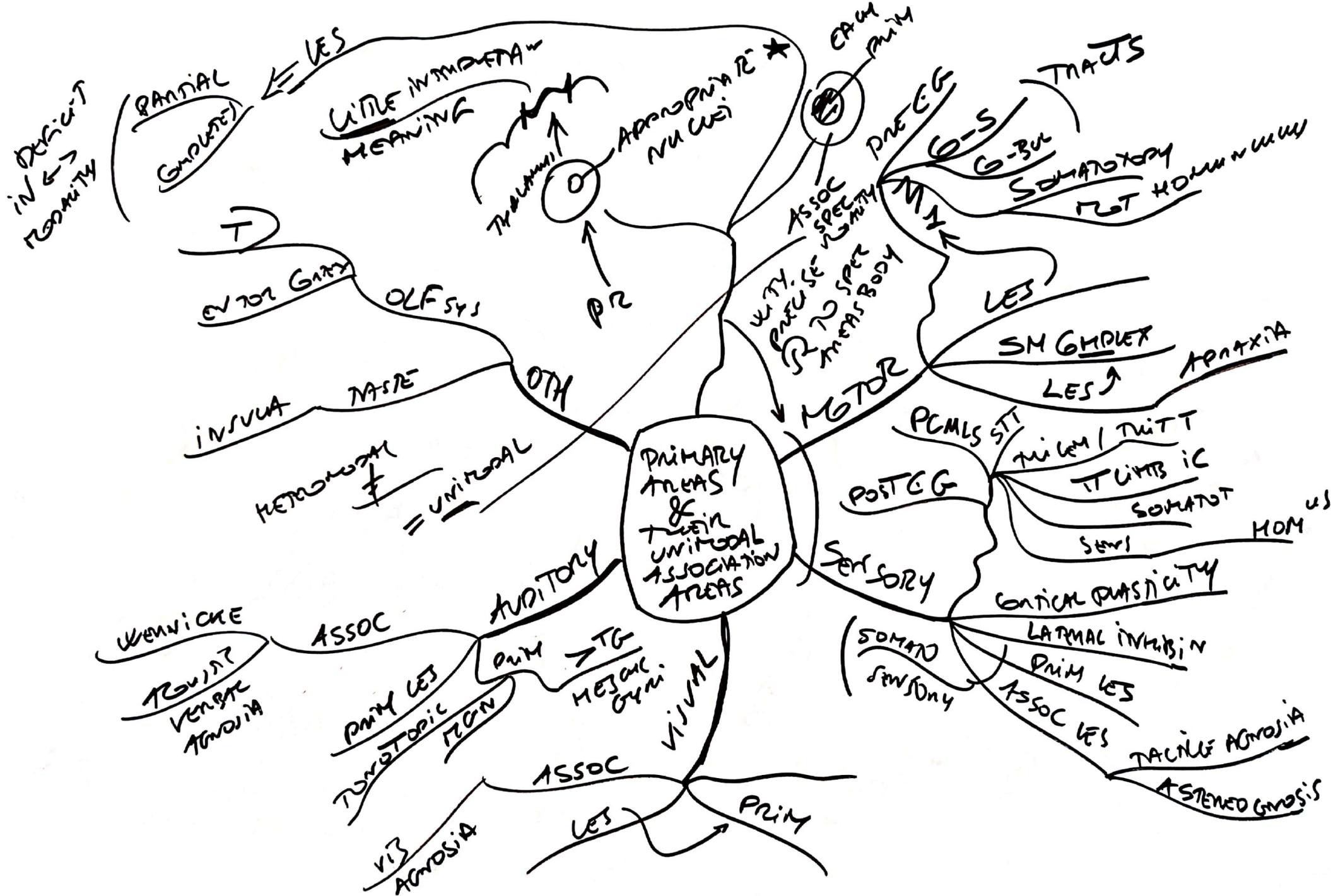




# FUNCTIONAL AREAS





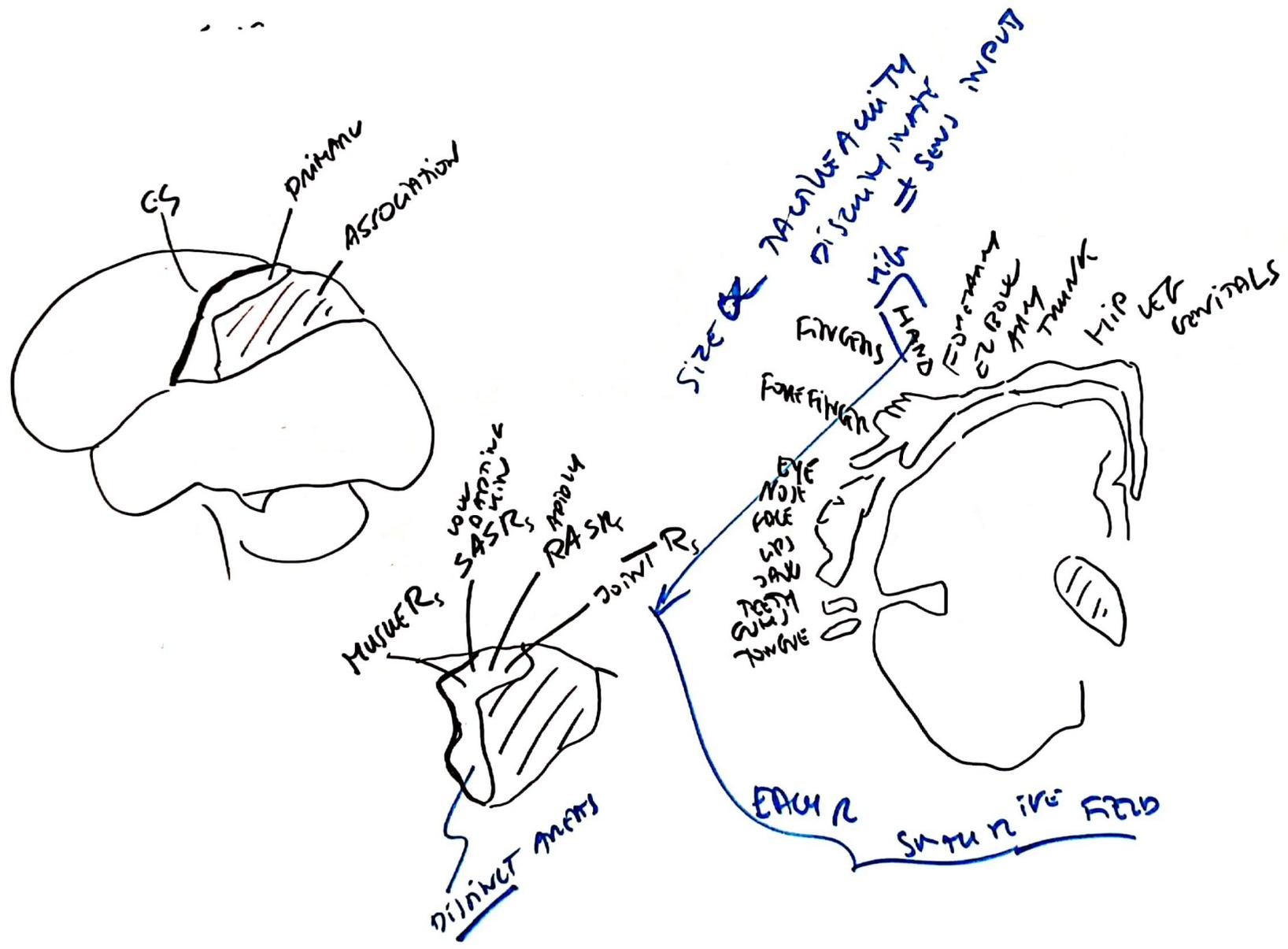


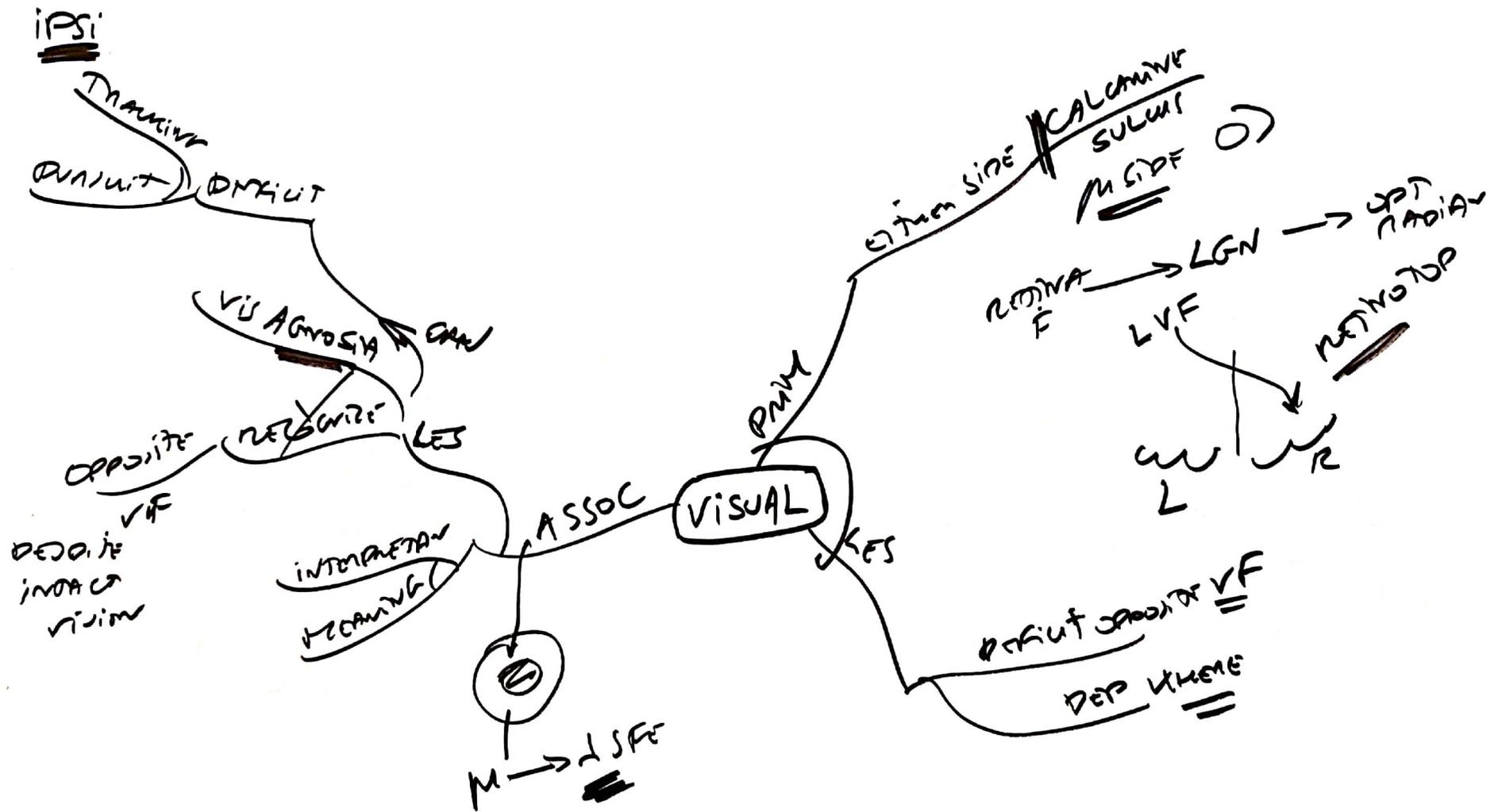






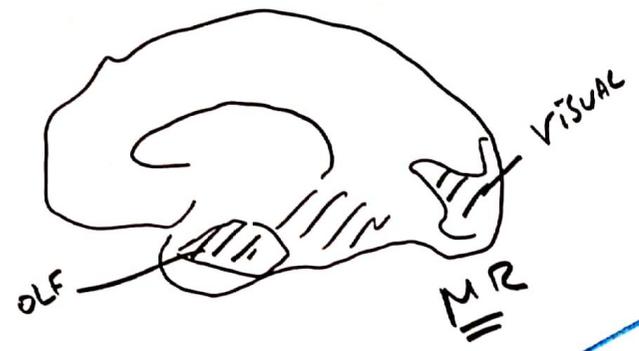
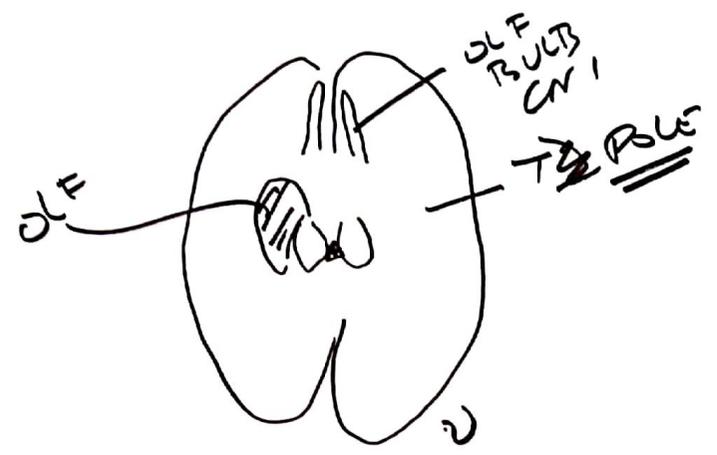
10% ASS  
SENSORY  
L



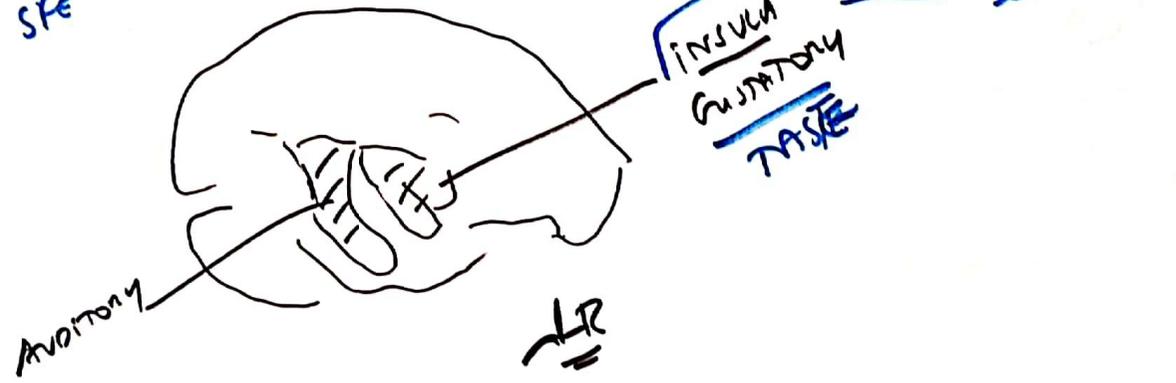


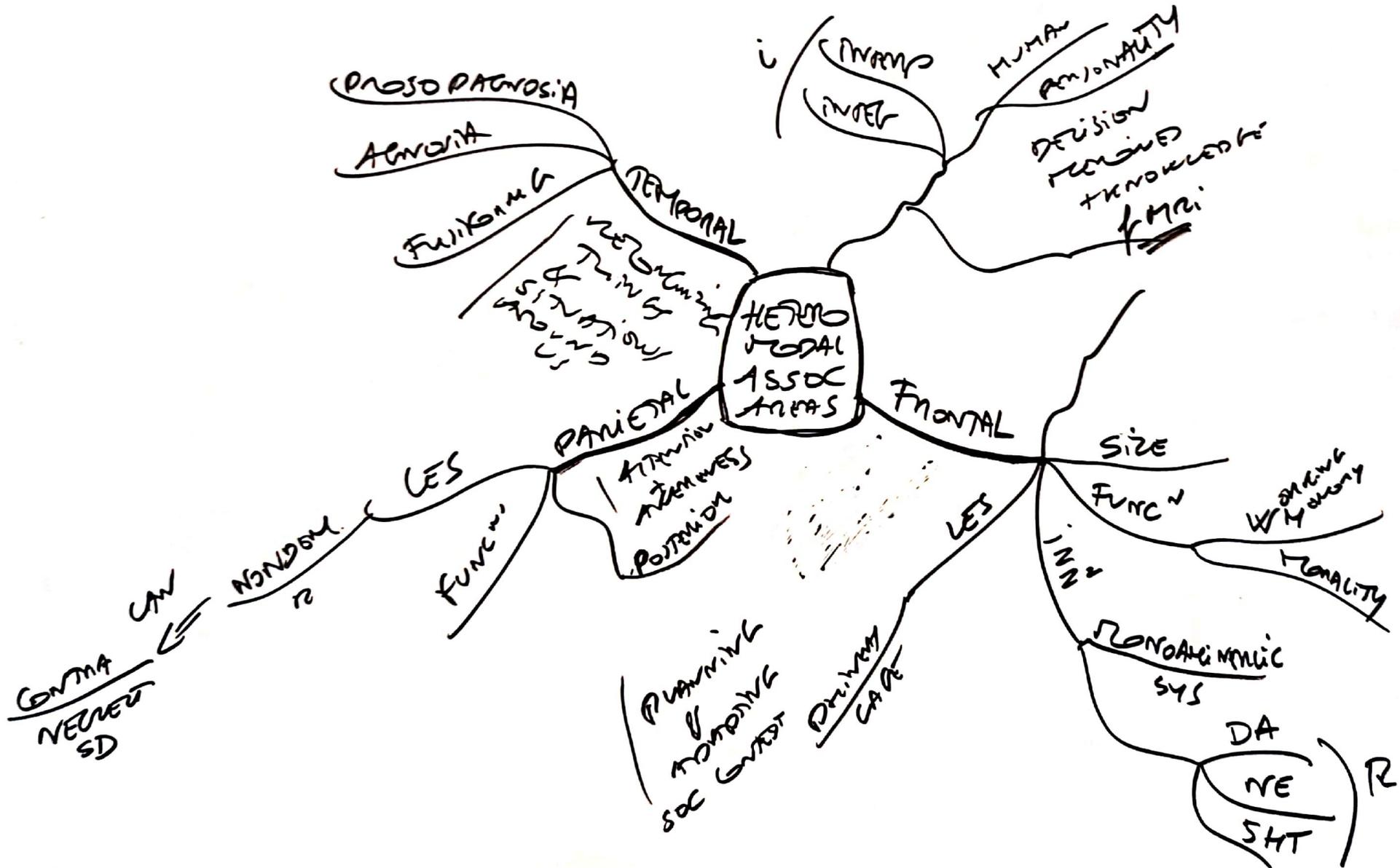


PRIMARY  
 VIS  
 AUD  
 OVS  
 OLF



↙ Primaries ↘  
ENTOR GN  
 ↙ N ↘  
 SFE







EXECUTIVE ↓  
COGNITIVE FLEXIBILITY ↑

DIRECTING & MAINTAINING ATTENTION  
FLUENCY  
PROB. SOLVING  
ADJUSTING BEHAV TO SOCIAL NORMS  
PLANNING  
WM  
DELIBERATE DECISIONS

DA  
SH-108  
NA

REG  
& EYONE  
EMOTION

CBL  
(N)

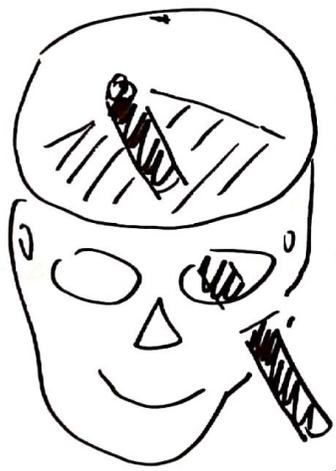
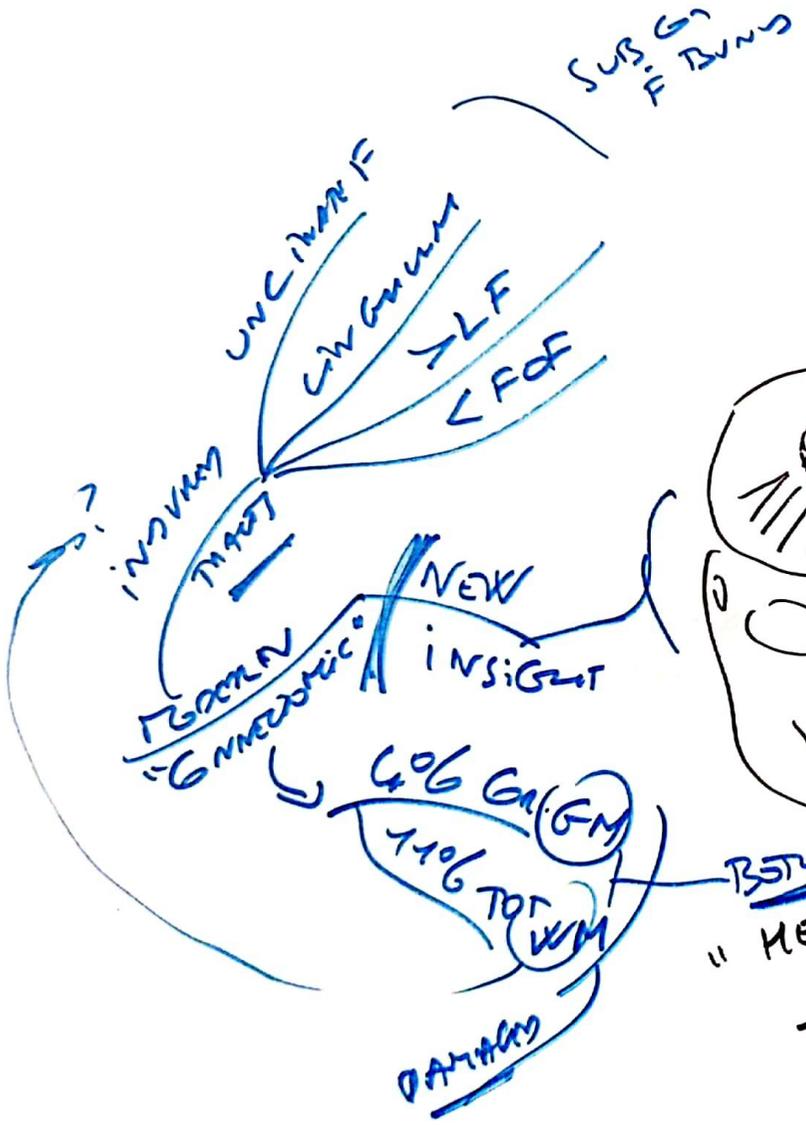
AMYG  
HT  
NC ACCUMBENS

REGULATE  
ATTENTION  
& HOT RES TO ST

BG

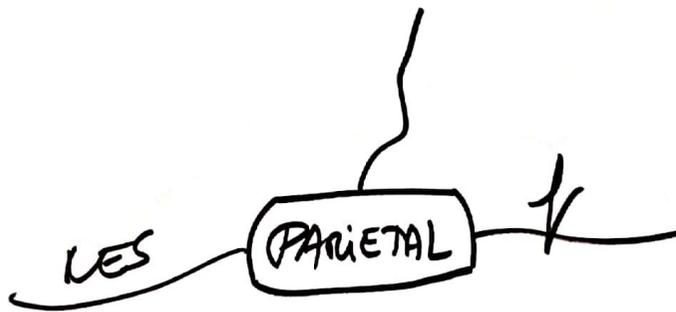
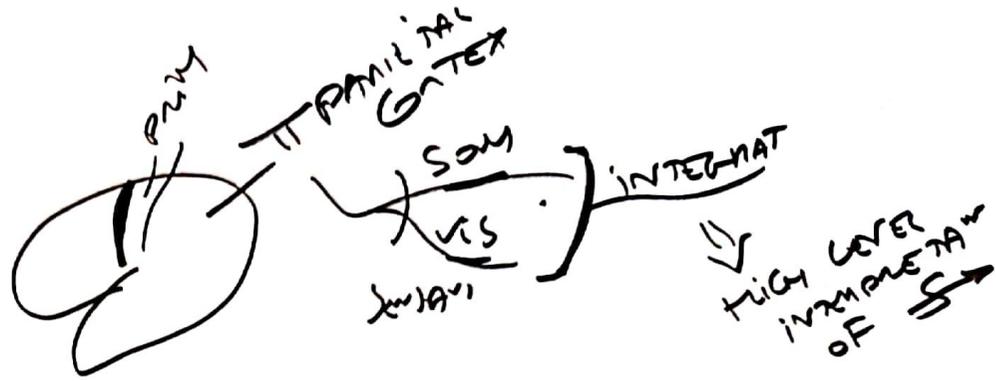
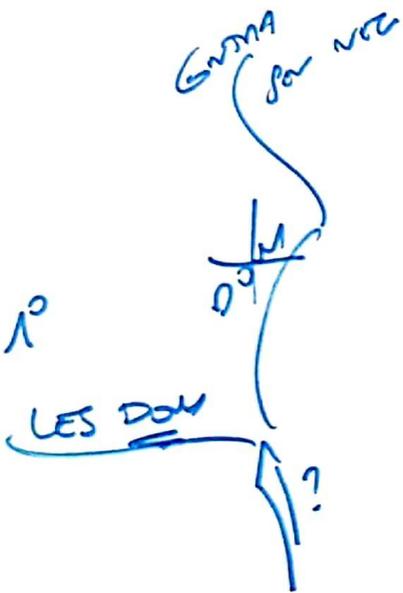
11  
FRONTAL  
ASSOC  
IN L HEM

PHILIPAS GAGE:  
DAMAGE TO  
F ASSOC AREAS



- BSU
- "HE WAS NOT LONG GAGE"
- DIFFICULTY INTERACTING IN SOCIAL GROUPS
  - (S) SINGLE SOCIALLY ACCEPTABLE BEHAV
  - DIFFICULTY PLANNING
  - IMPULSIVE

\* TACILE  
AGROSIA

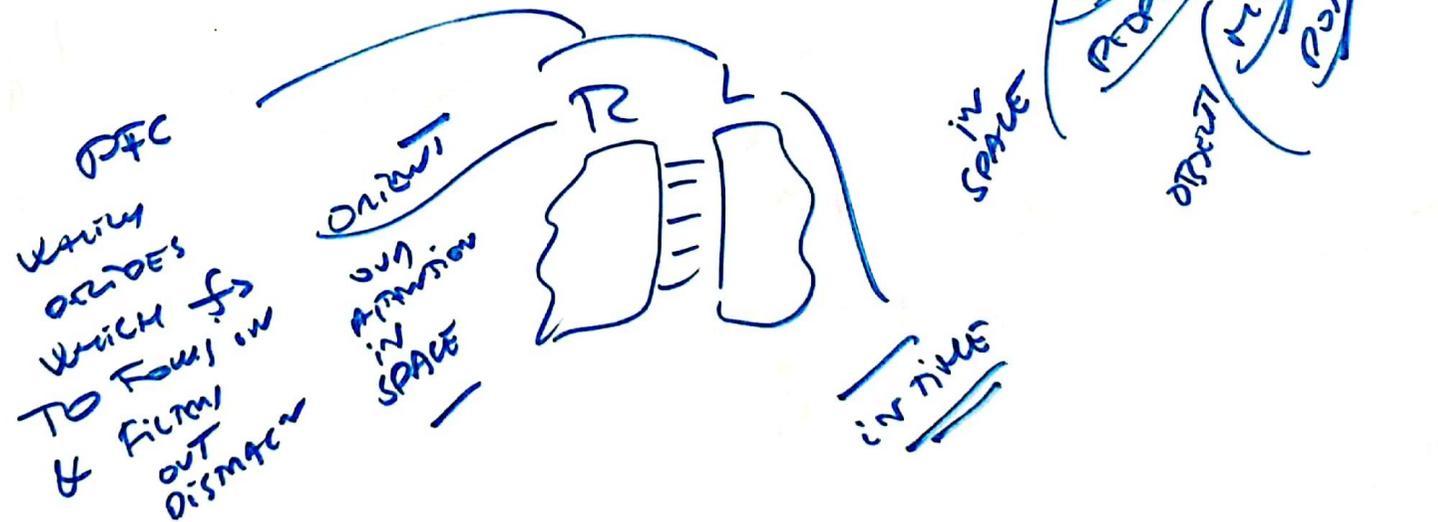
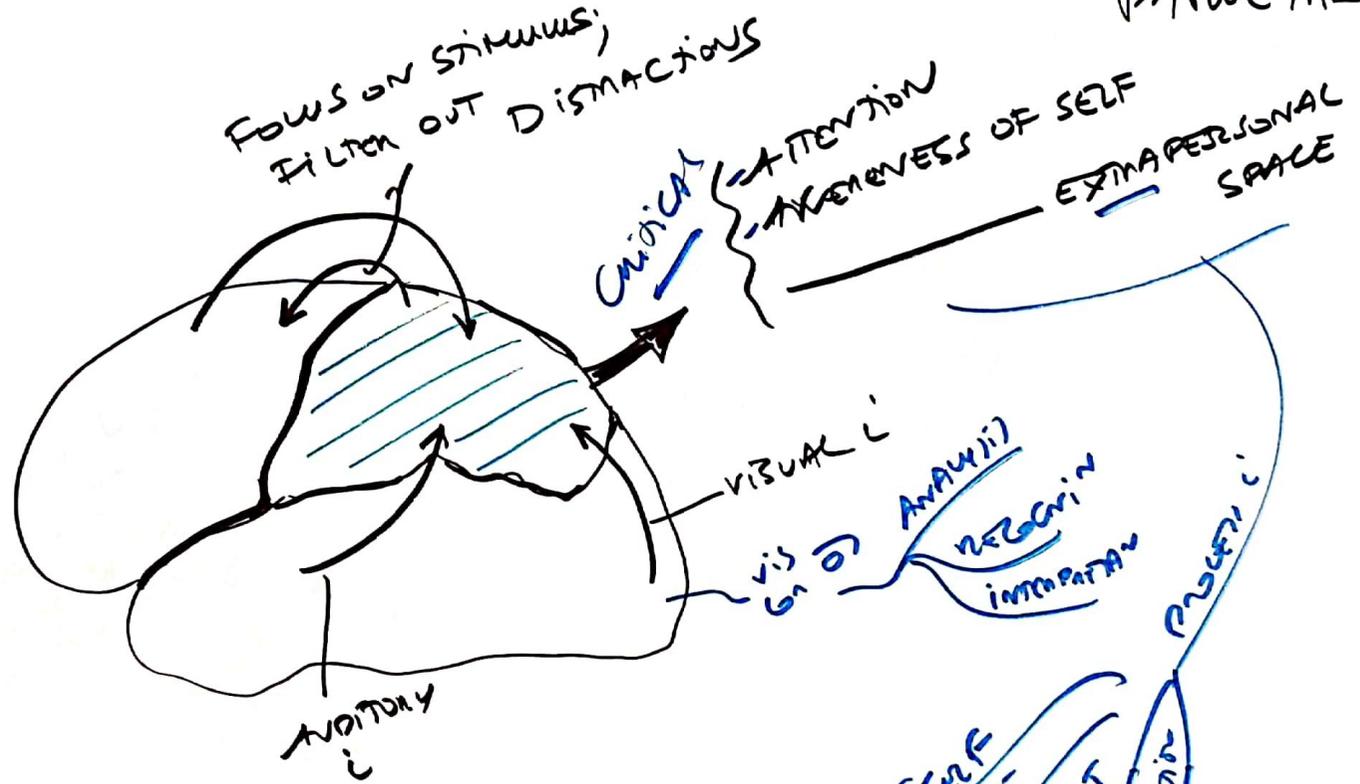


- ATTENTION  
TO L PAR NON DDM ?

- TO R  
MEDIANS BOTH

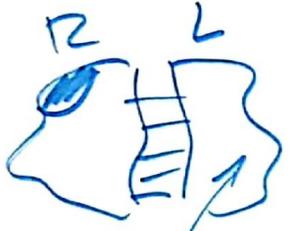
LES ONE OF  
WOULD BE  
GSMMA/AS  
FOR BY INPUT ONE SIDE

PARIETAL



PPC NON DOM  
R RYAN INJURY

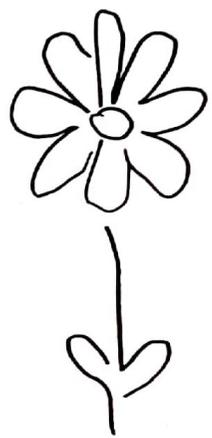
TYPICALLY



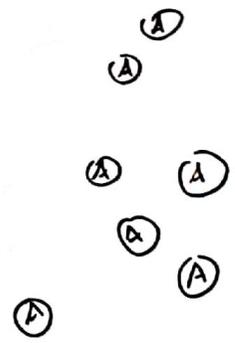
CONTRA LATERAL  
NEGLECT

Fails to shave SD  
L side of  
figure

SUBS



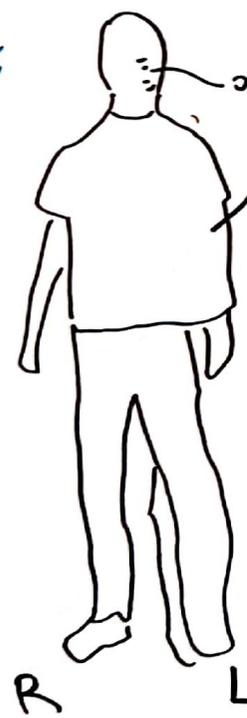
Fails  
to circle  
(A) on L side  
sheet



EXTRA PENIS SPACE

GEN L SIDE ONLY //  
CAN  
EXPAND

REGARDING  
INJURY  
NEEDS  
INFORMATION  
→  
FIXED DIRECTIONS  
TO THEM



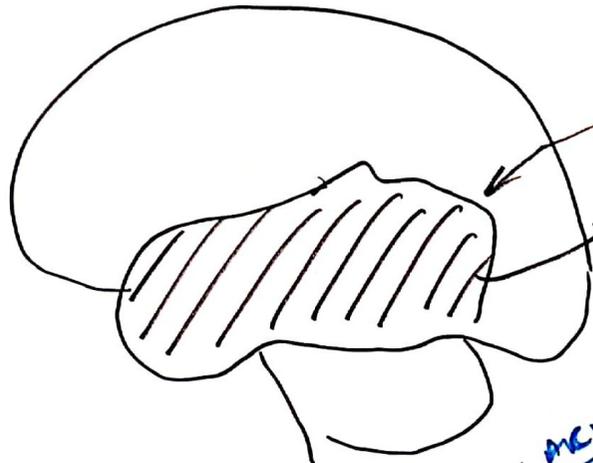
or shave L face  
does not  
shave left side  
of his body

does not eat  
from L side  
of his plate



R  
LEFT  
SIDED  
NEGLECT

SELF



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

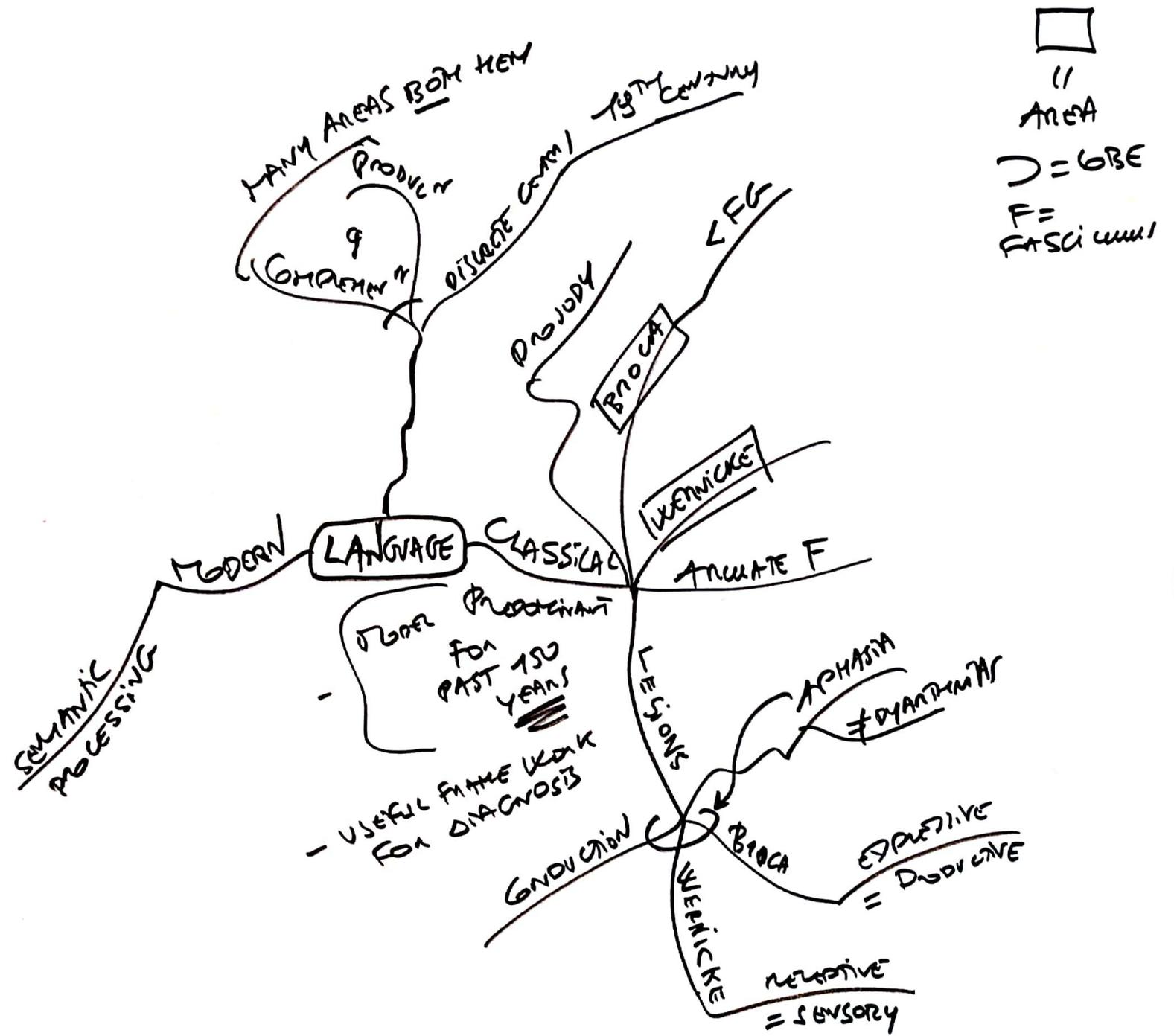
VISUAL  $\rightarrow$   
ME LINKED  
TO MEANING  
& RECOGNITION

FACE & OBJECT  
R T

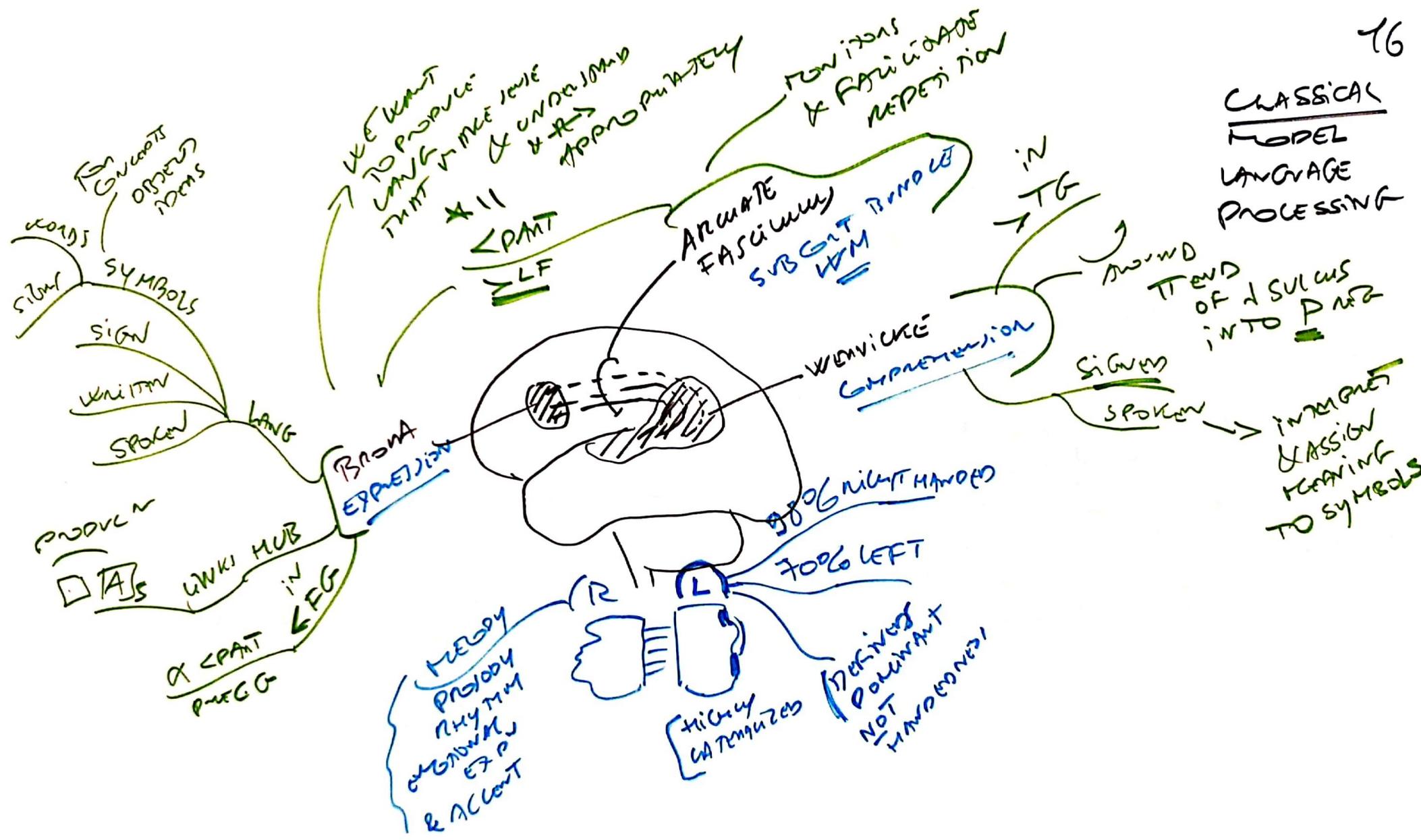
IDENTITY

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

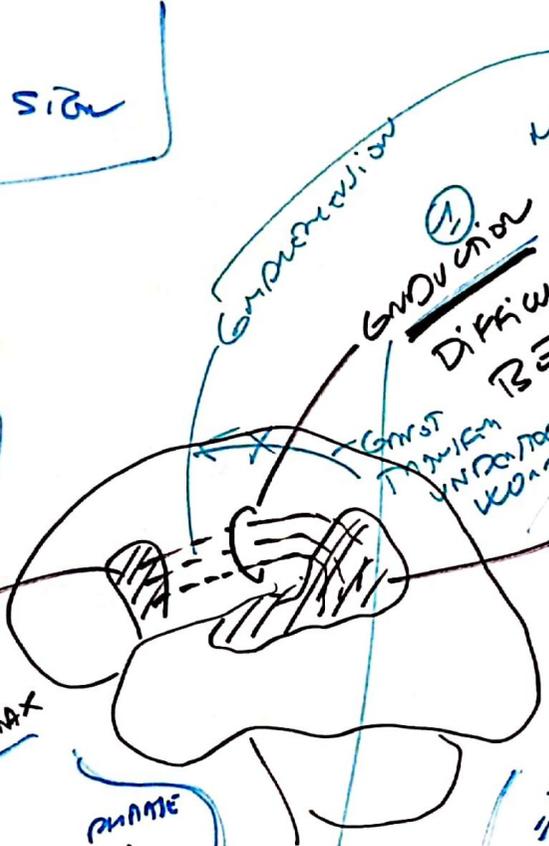
GRAM REPEATS INDIVIDUAL WORDS  
& PHRASE

COMPREHENSION IS INTACT  
OFTEN VERY FRUSTRATED

② PROSPERITY  
HOWEVER  
IMP ARE FASC?

SELECTIVE LES ONLY VERY RARELY  
& AREAS INVOLVED  
WRAP UP INVOLVED  
WHEN ONEMENTIS

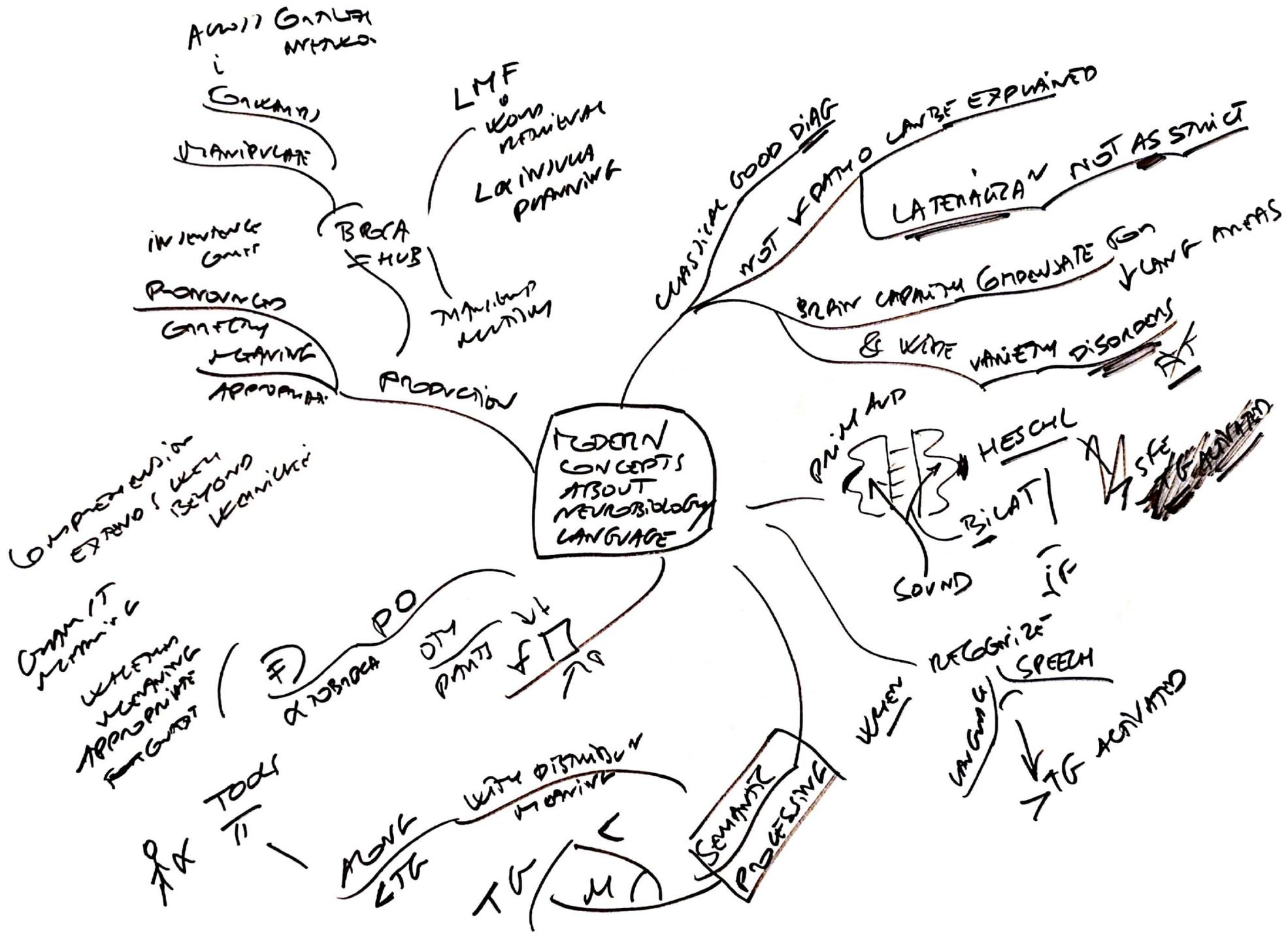
- PROGRESS OF PURE GROWN FOOD  
ST USUALLY RESOLVE  
KPSJ  
STK ASS THAS F  
TARE...

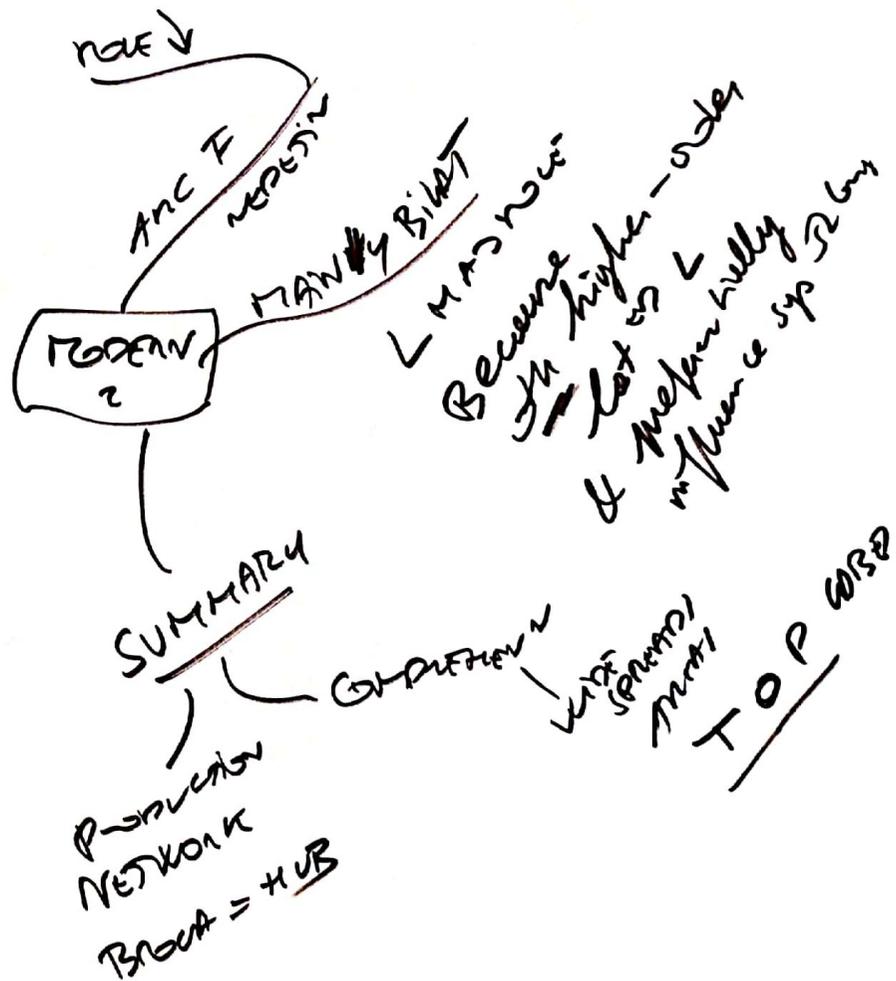


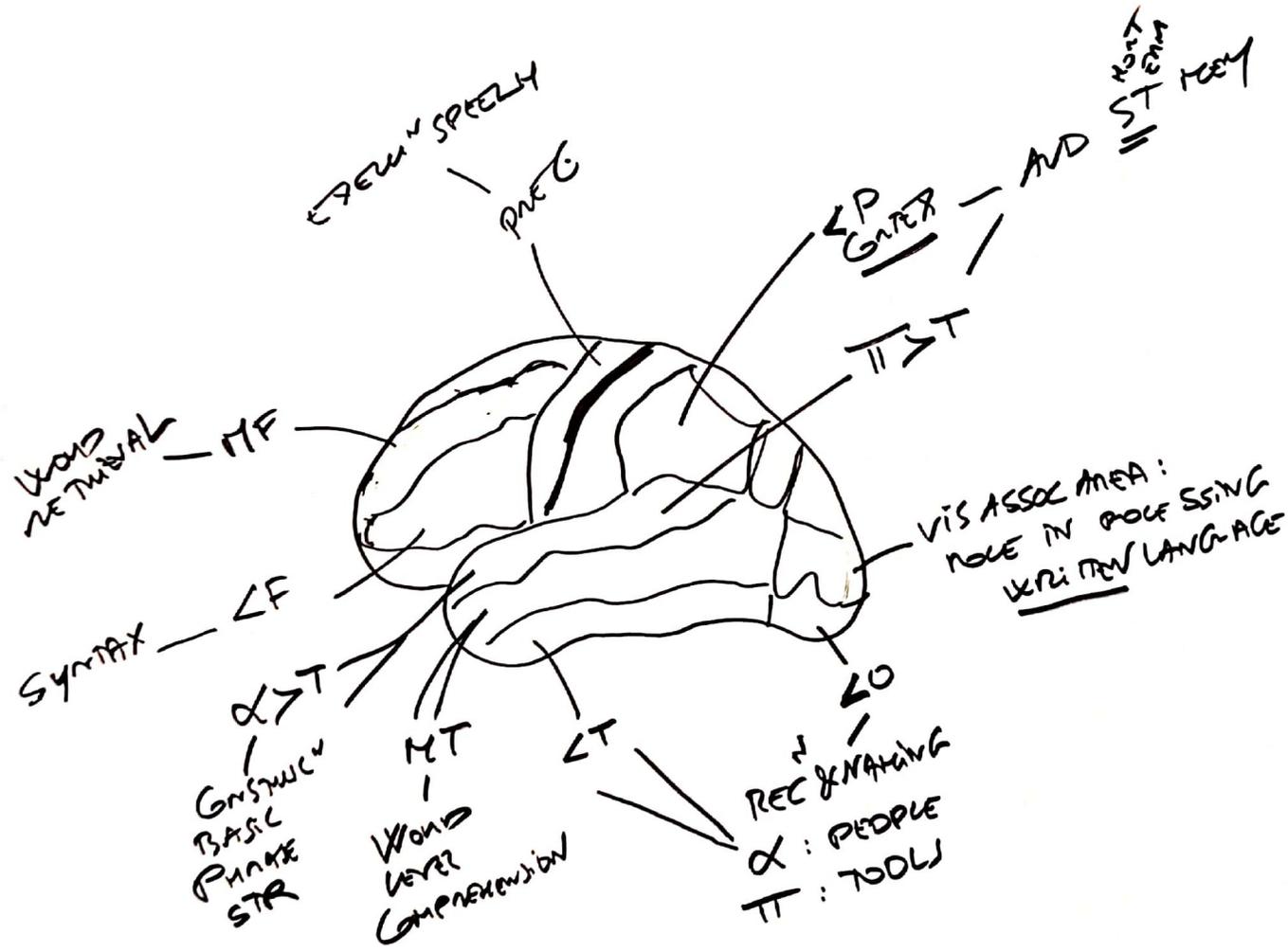
COMPREHENSION  
INDUCTION  
DIFFICULTY REPEATING WORDS  
BOTH & PRODUCTION LANGUAGE ARE INTACT

WERNICKE  
- REPEATING OR SENSORY  
- FLUENT SPEECH SYNTAX GRAMMAR STM UNIT WORDS IS INTACT  
= PERSON GRAMMATIC  
- DIFFICULTY WITH COMPREHENSION OF SPEECH  
- PRODUCES NON SEMI-CAL WORDS & PHRASES  
2 PLANNED  
WRONG WORD NEOLOGISMS  
"GIBBERISH"  
- REPEITION MAY BE IMPAIRED  
- OFTEN NOT AWARE

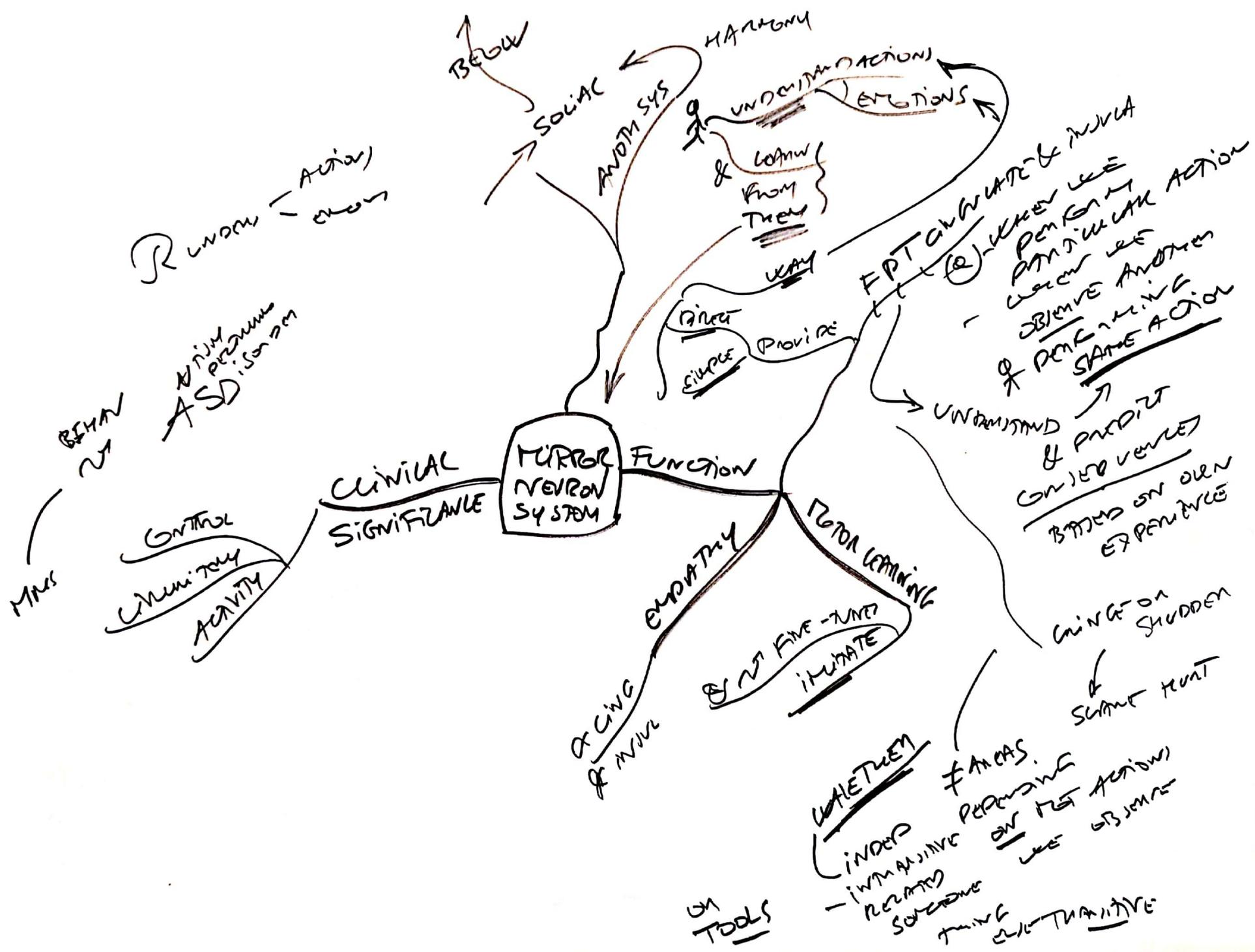
ADHASIAS





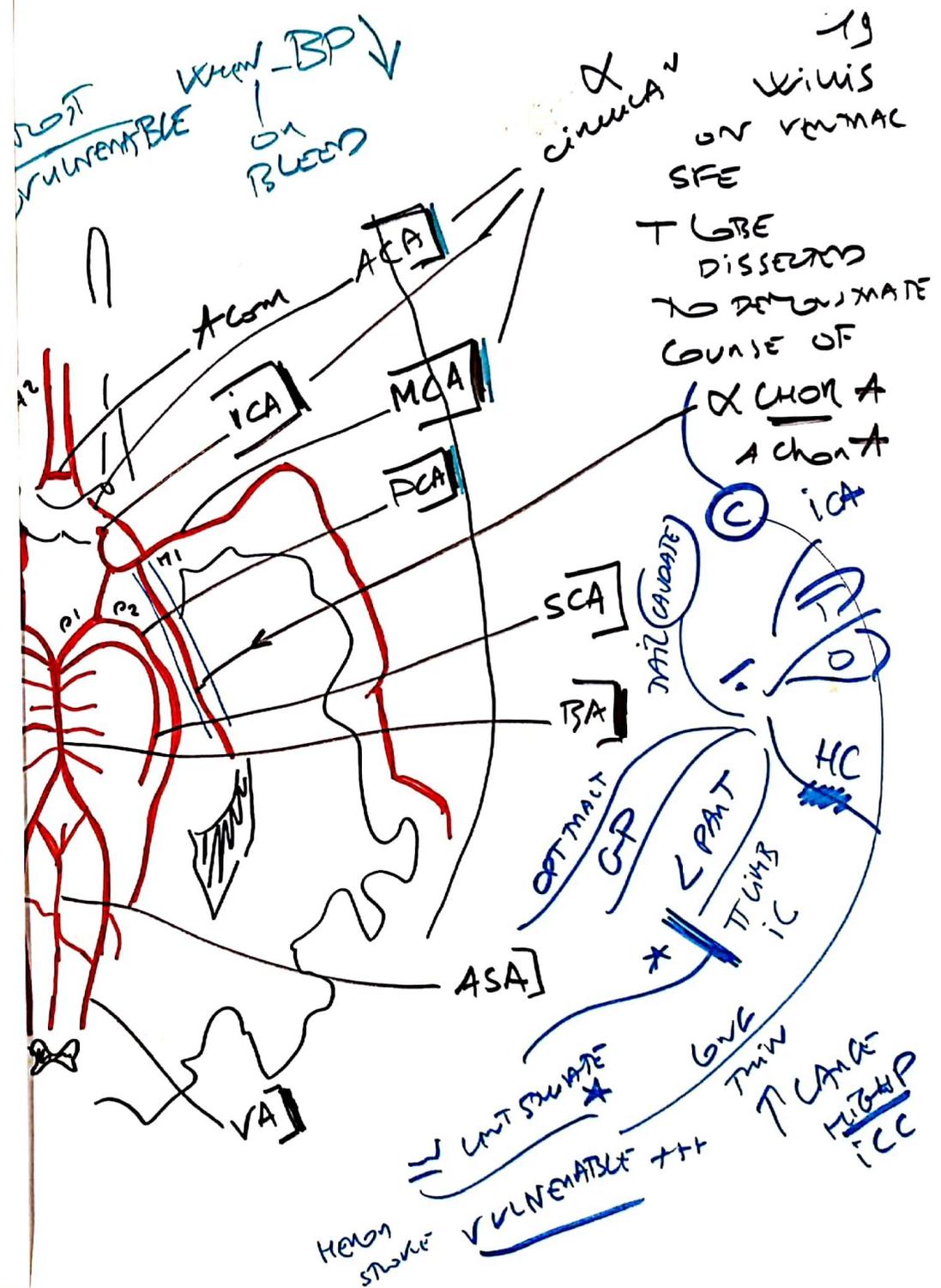


NUMBER  
 UNDERSTANDING  
 LANGUAGE  
 PROCESSING  
 IN L HEM  
 ———  
 USUALLY  
 DOMINANT  
 ———





# BLOOD SUPPLY



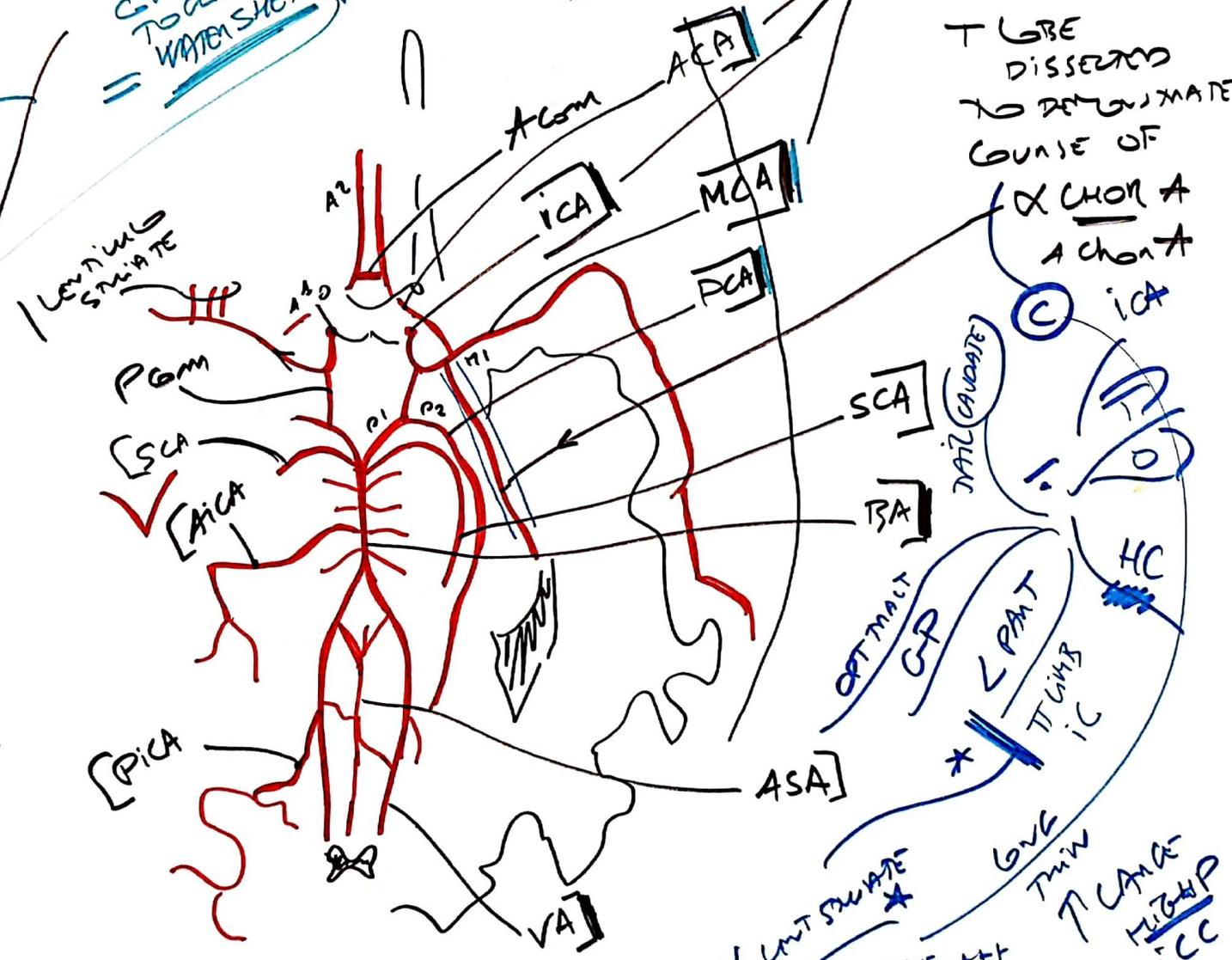
INTERSTITIAL  
 VENTRICLE OVERLAP  
 SLOW

VEINS  
 = END AA

HAVE CORNER WITH STM  
 PRESSURE  
 TO PENETRATE  
 OUTSIDE  
 TERRITORY

ANNA  
 VENTRICLE 2  
 PERFUSION  
 AREAS  
 COME  
 TOGETHER  
 = WATER SHED  
 NOT  
 VULNERABLE  
 HIGH BP  
 OR  
 BLEED

circula<sup>n</sup>  
 Willis  
 OR  
 VERMAC  
 SFE  
 TUBE  
 DISSECTS  
 TO DEMONSTRATE  
 COURSE OF



CHOR A  
 A CHOR A  
 ICA

MAIL CAUSATE

OPT CHIASM  
 GP  
 HC  
 TRIGEMIC  
 \*  
 UNIT SQUARE  
 VULNERABLE +++  
 GIVE  
 THIN  
 CANAL  
 HIGH P  
 ICC



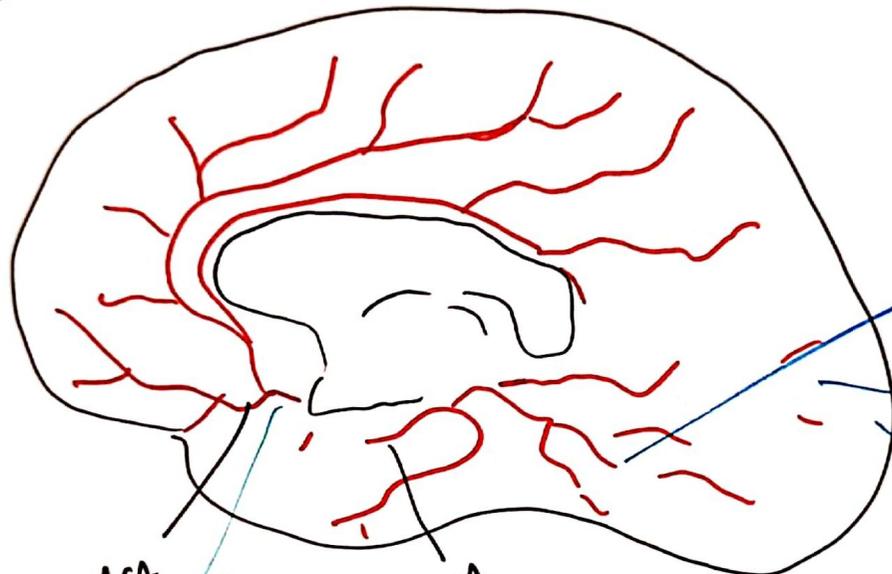
A & PCA  
ON MEDIAL  
SFE  
R  
||

LEFT SIDE OF HEAD  
CORONAL PLANE  
CLAVICULAR

CONVULSIVE DEEP ISZ

As and BA  
run over  
top of brain

1-2cm  
SFE  
MEDIAL  
SFE

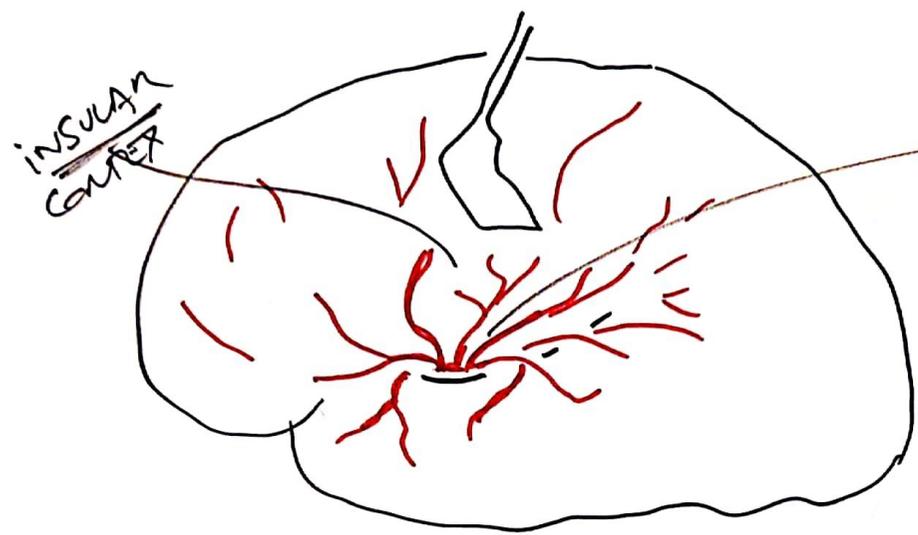


M SFE  
M T  
SPLENIUM CC

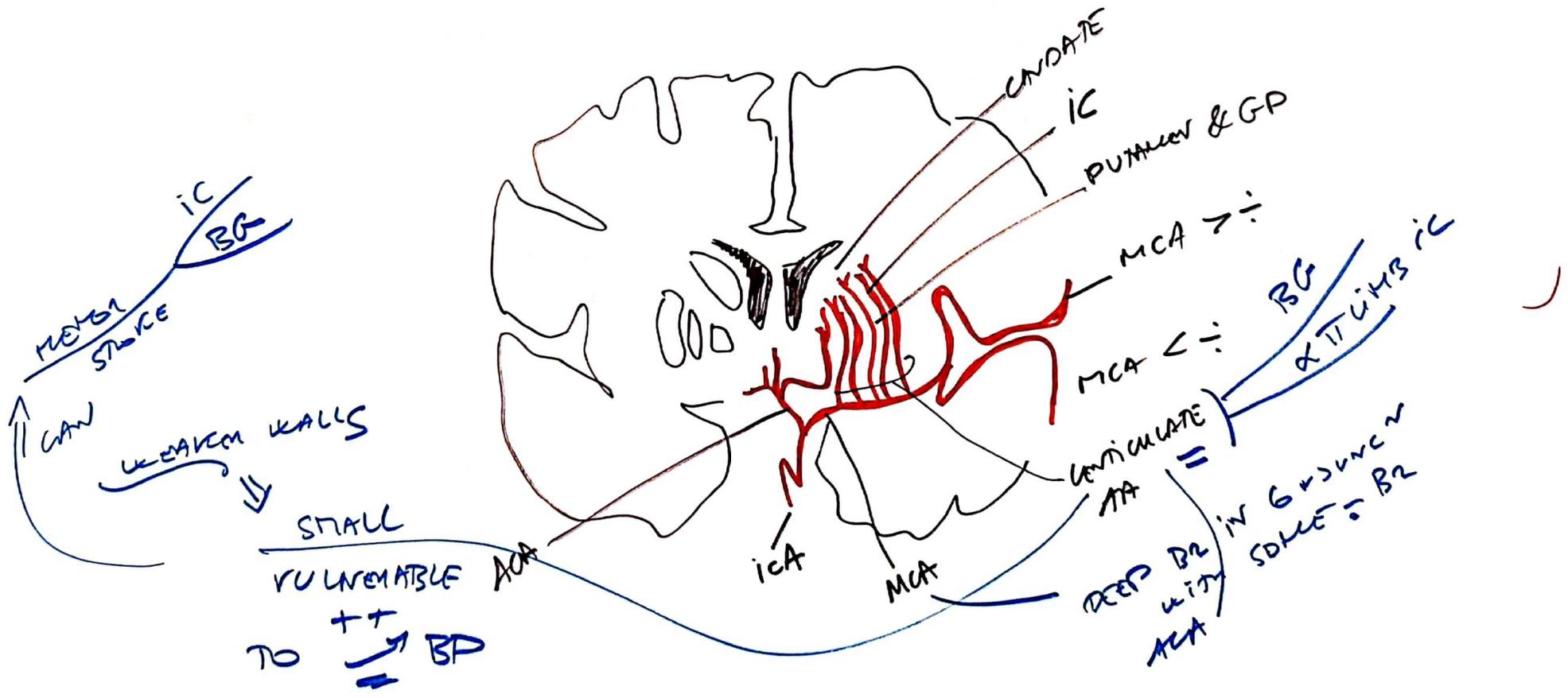
ACA  
into  
INTRACRANIAL  
FISSURE  
SFE CC

PCA  
SWINGS BACK  
AROUND MIDBRAIN

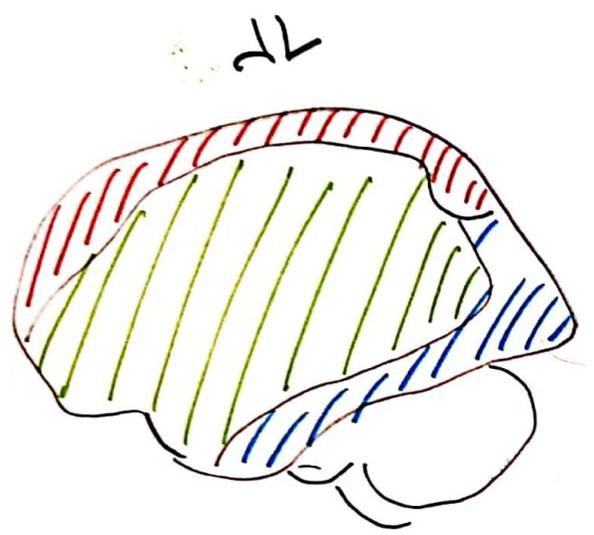
PND MDSB  
PMT TICMB  
IC



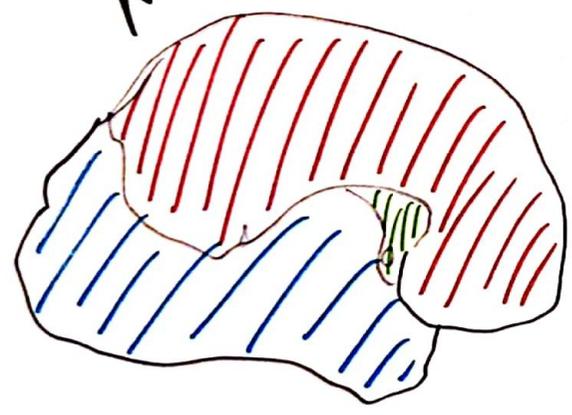
LARGEST (B) MCA  
 BRANCHES INTO > & < :  
 IN THIS TO SUPPLY  
 ASPECT OF F/PLOBES & TLOBE  
 RESPECTIVELY



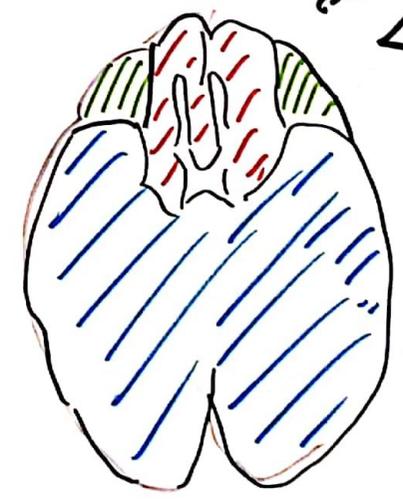
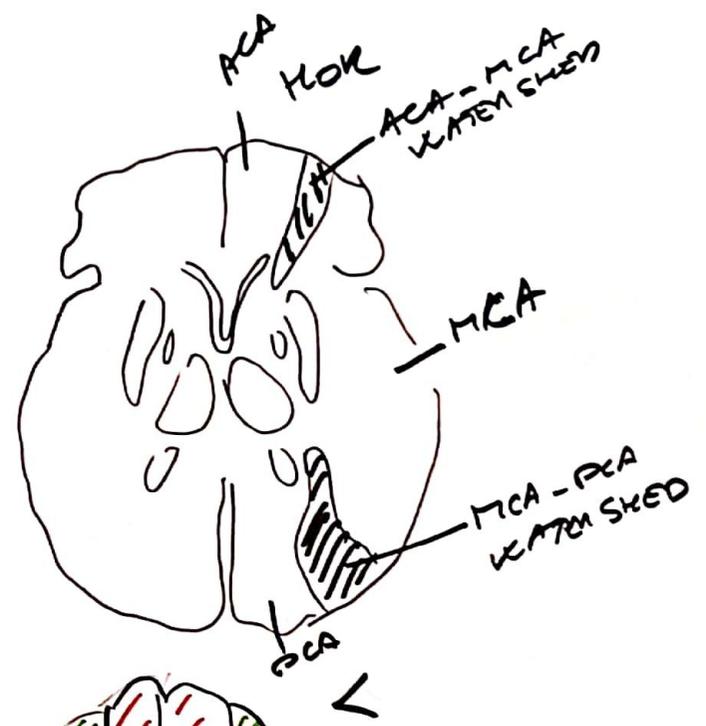
PERF AREAS  
MCA  
ACA  
PCA  
ON STE  
CER HEMIS



ML



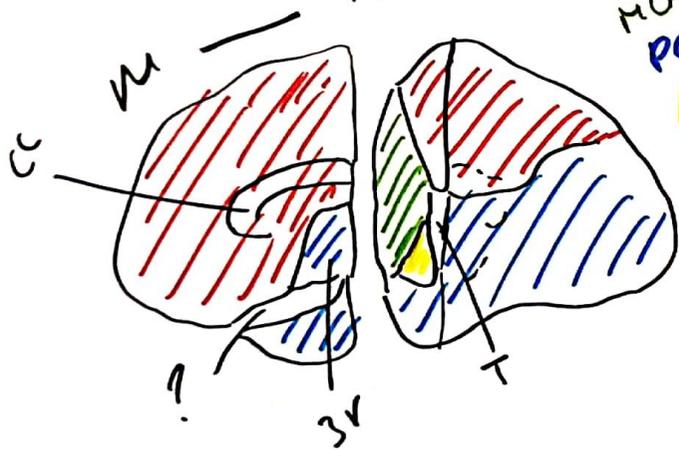
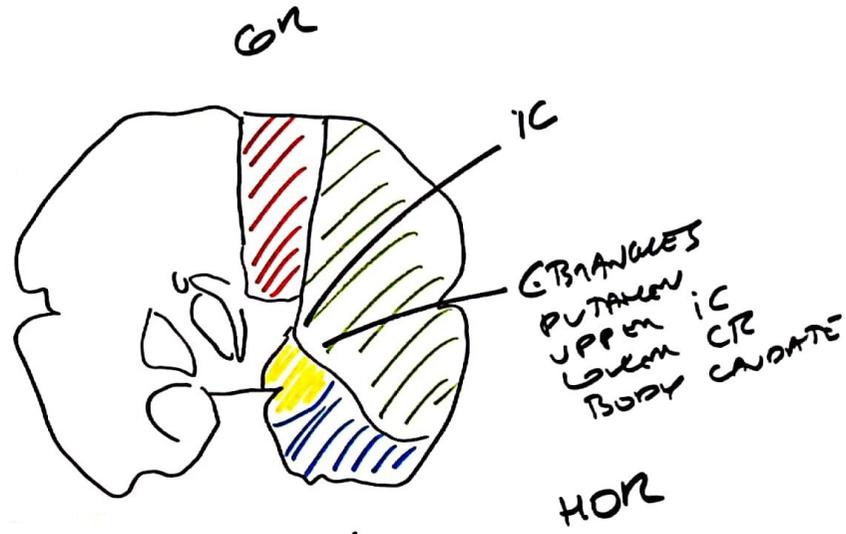
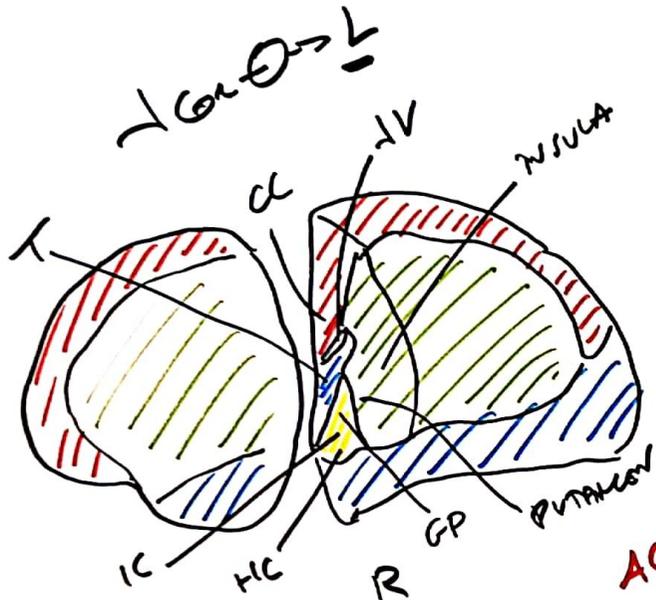
MCA  
ACA  
PCA



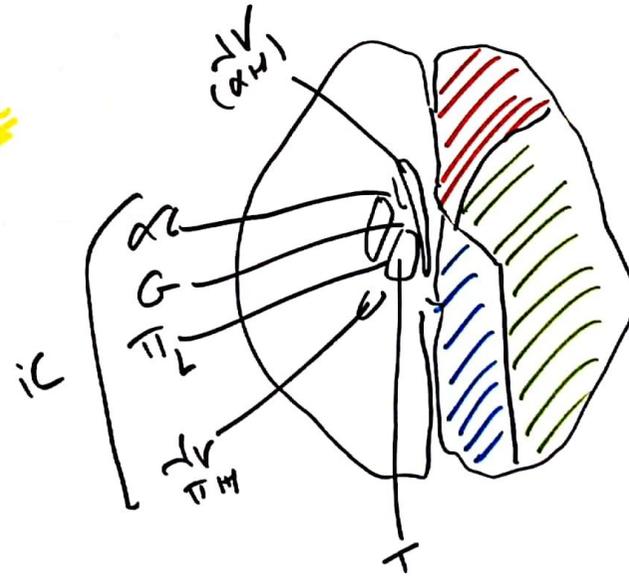
PERF ANATS

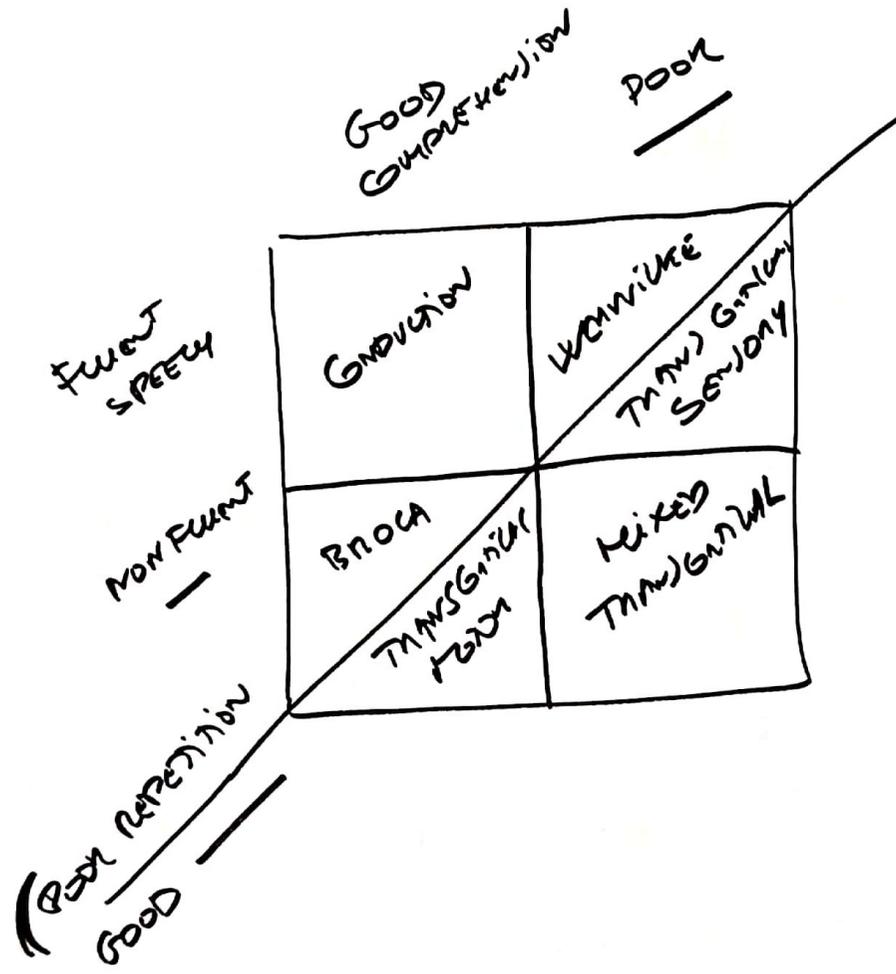
M  
A  
P  
A chor

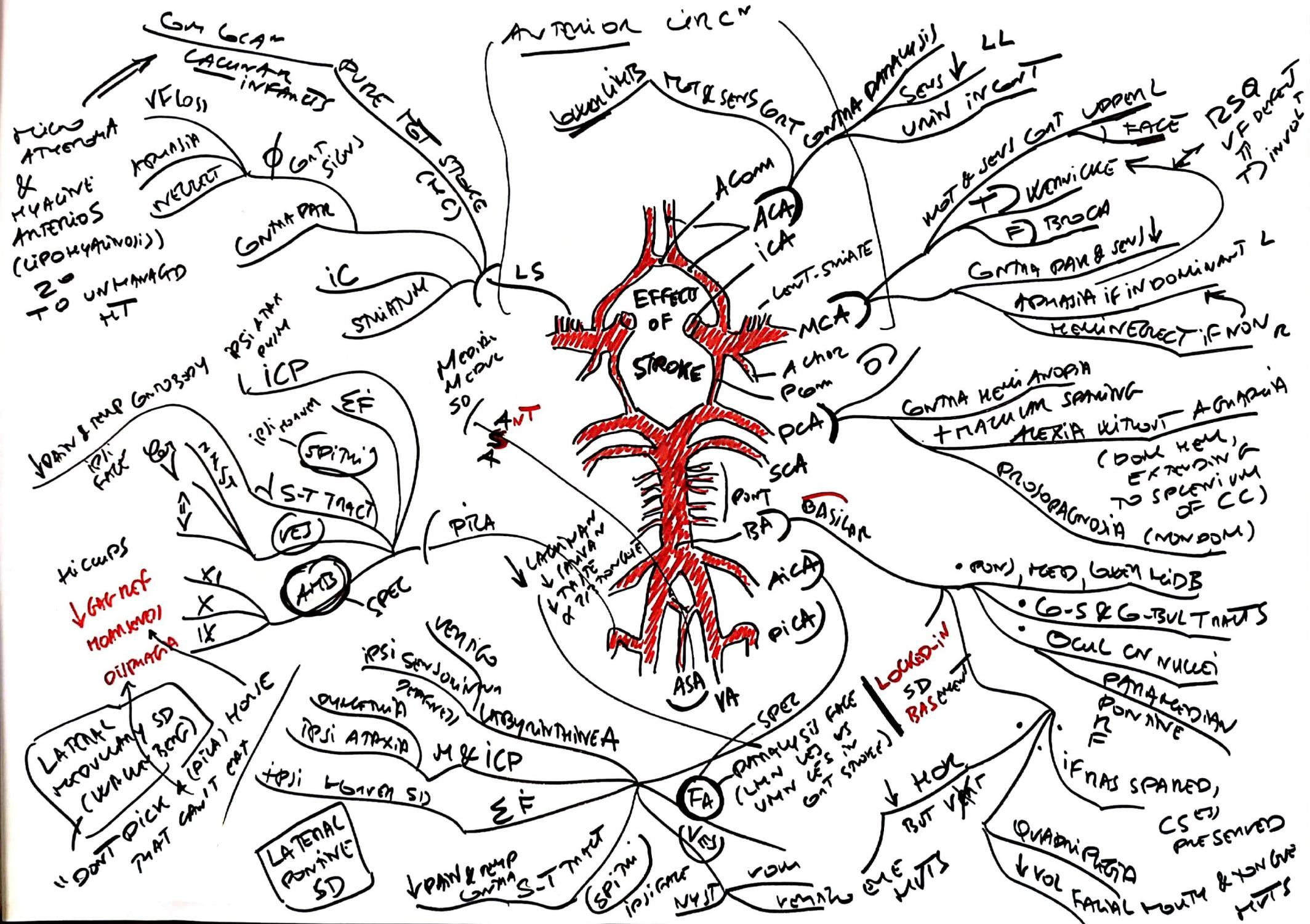
DEEP IN  
FOLIES

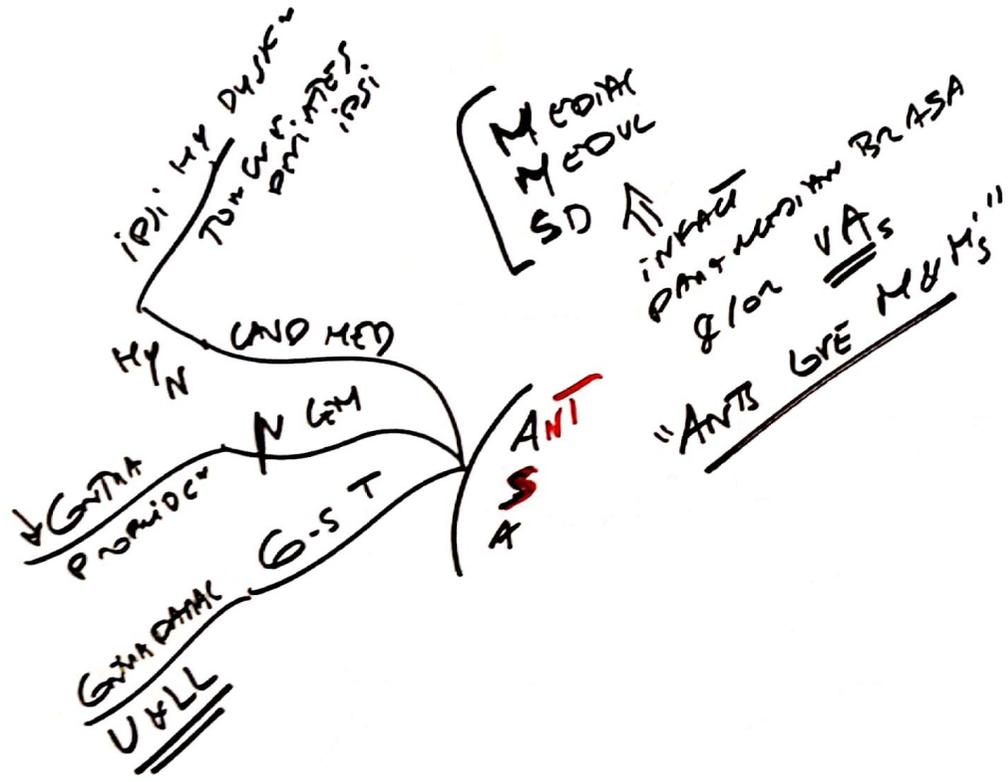


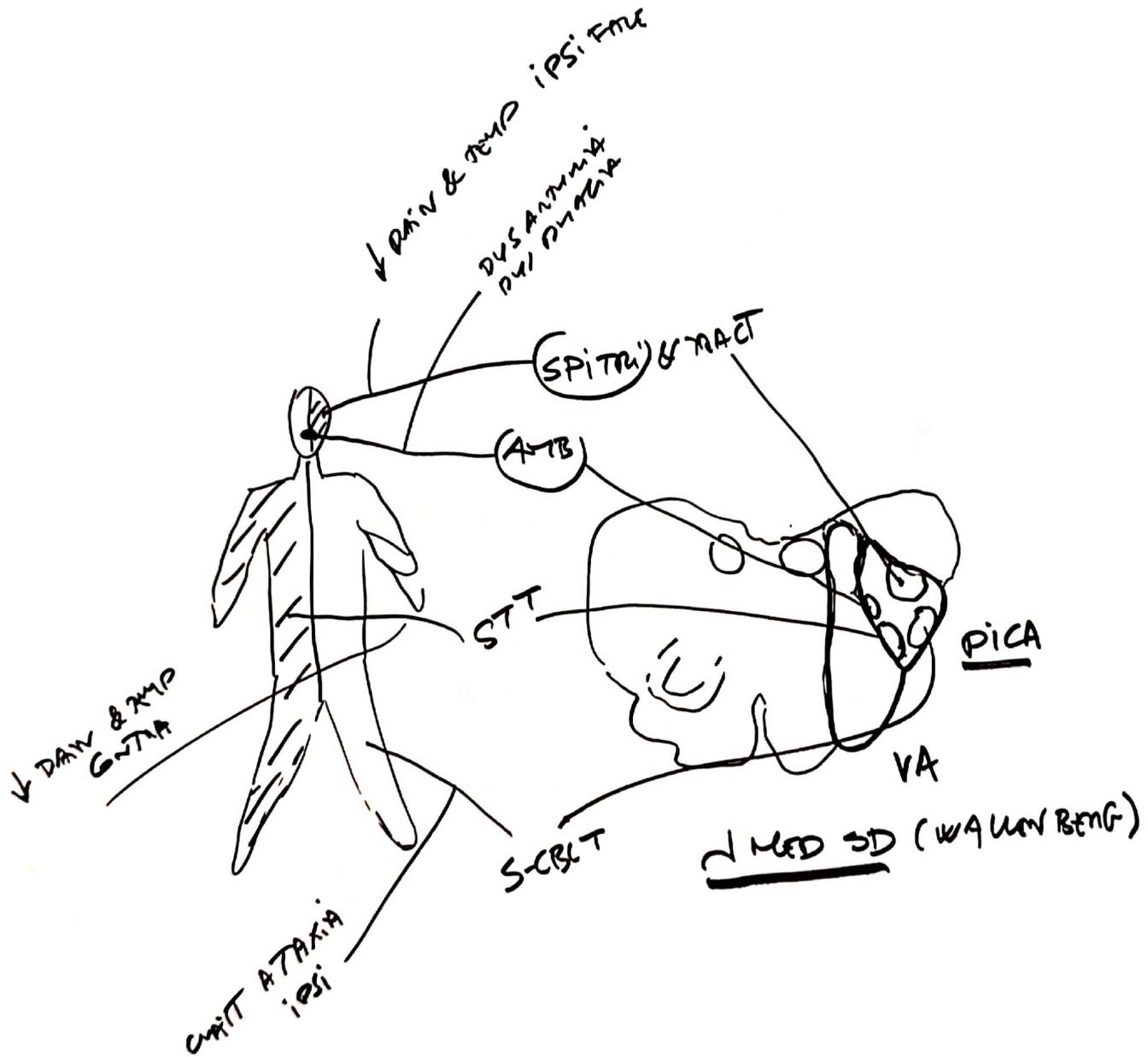
ACA  
MCA  
PCA  
A chor

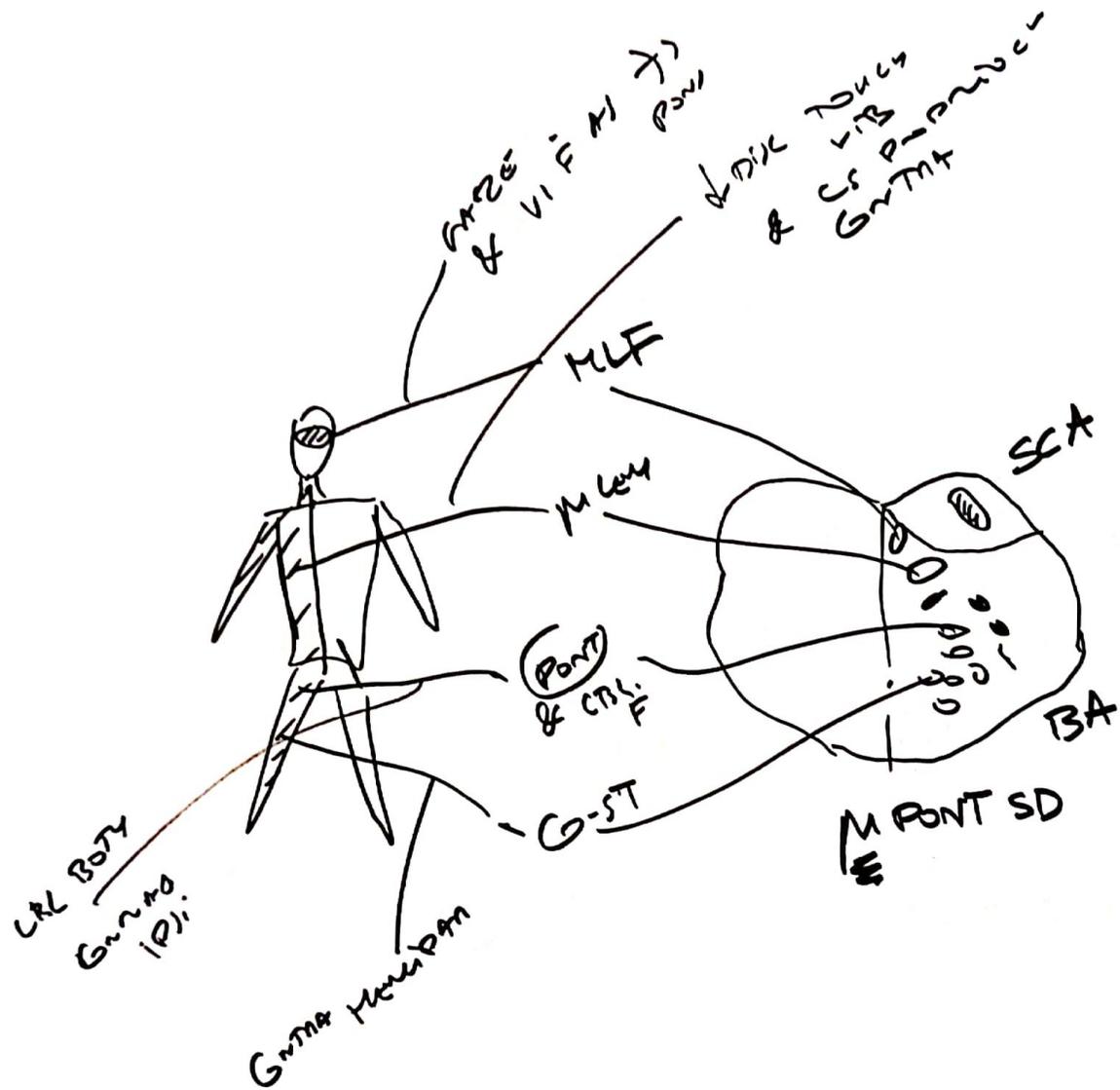








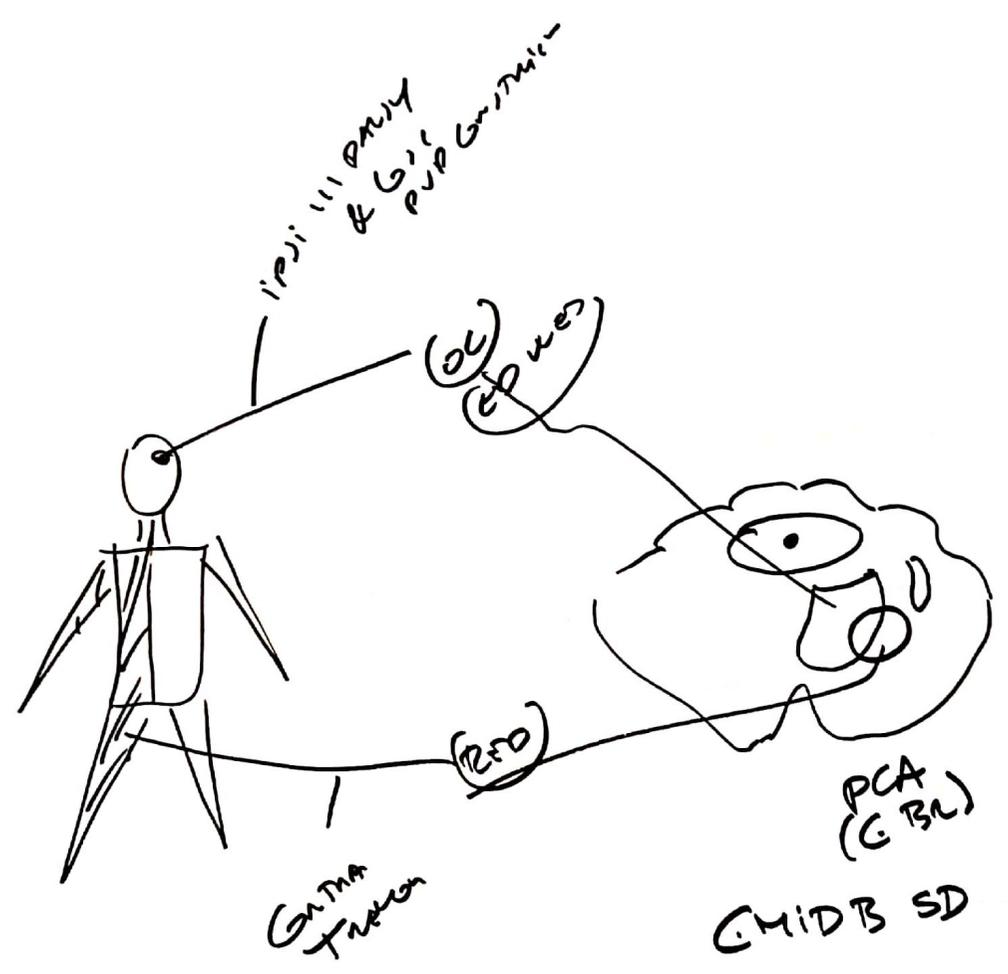




102.

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