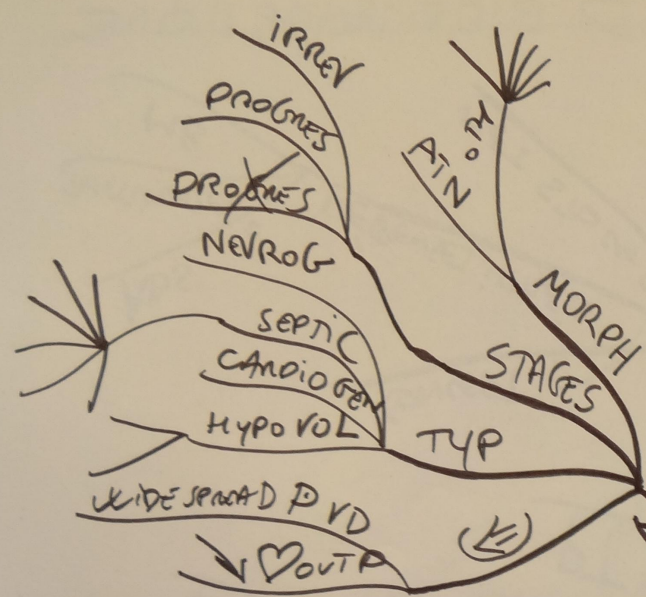
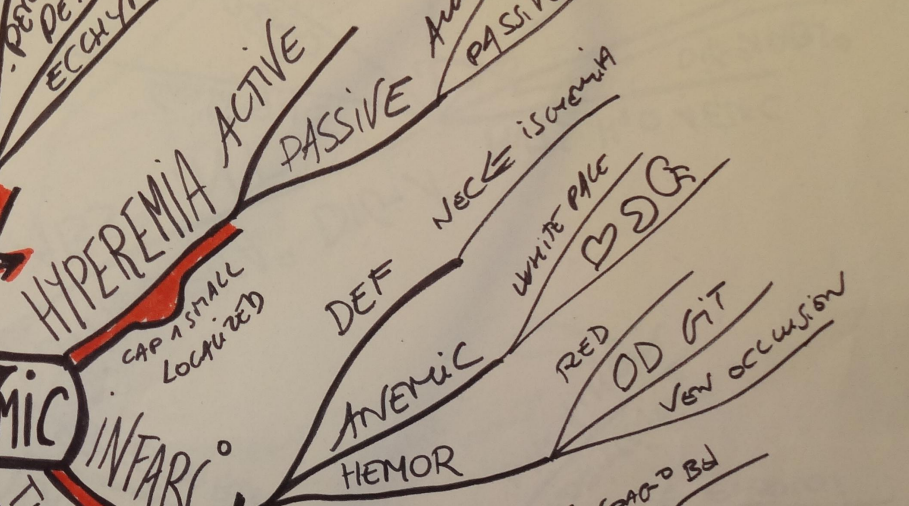


# HEMODYNAMIC

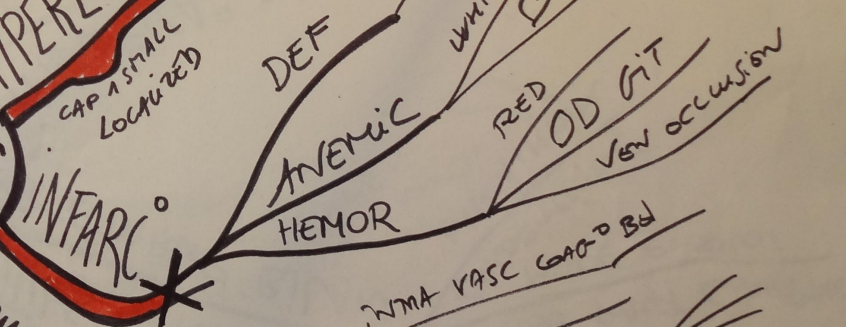
SHOCK



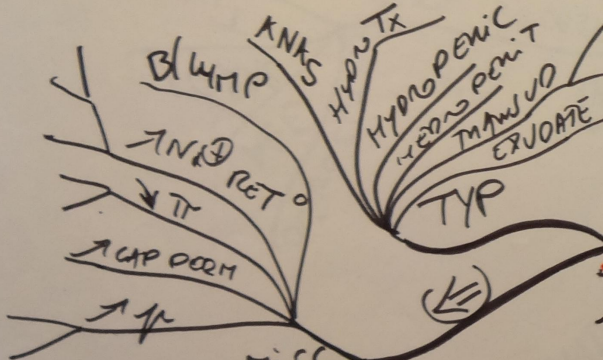
HYPEREMIA



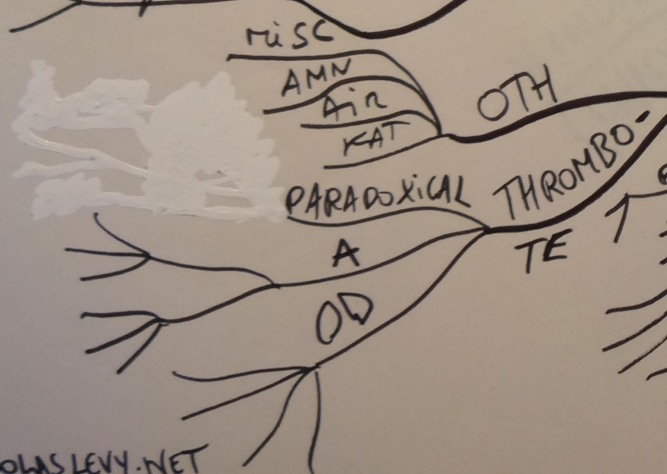
INFARCT



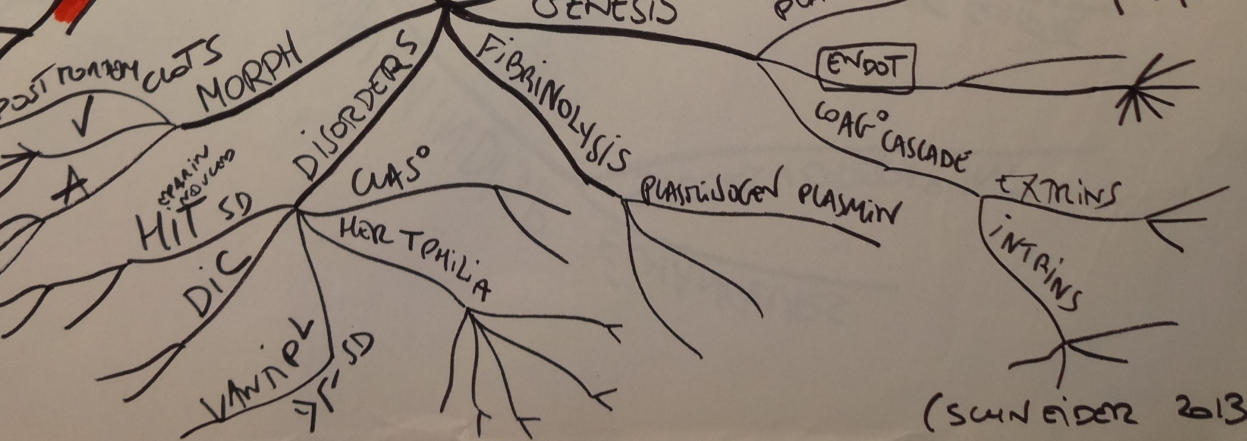
EDEMA



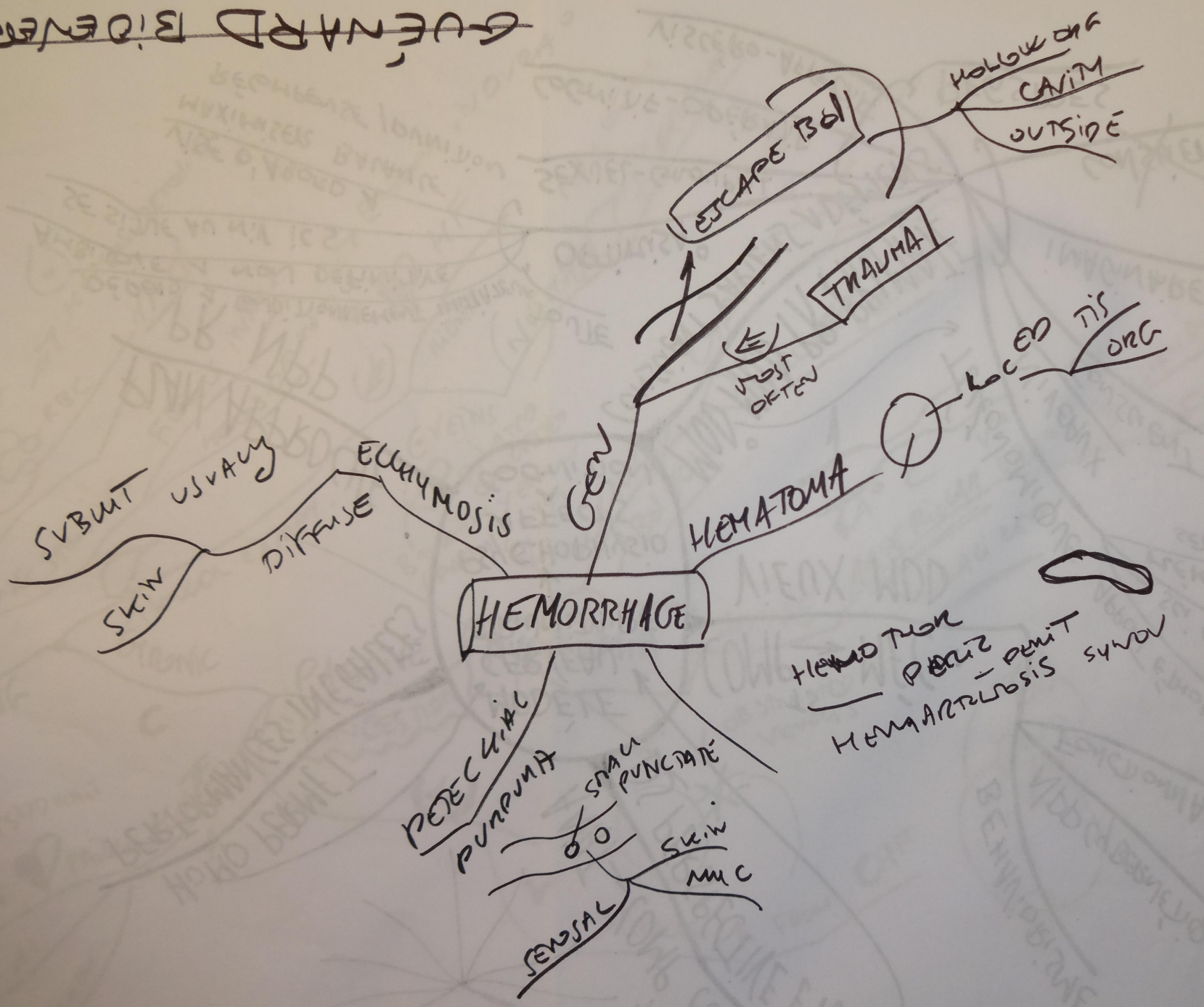
EMBOLISM



THROMBOSIS





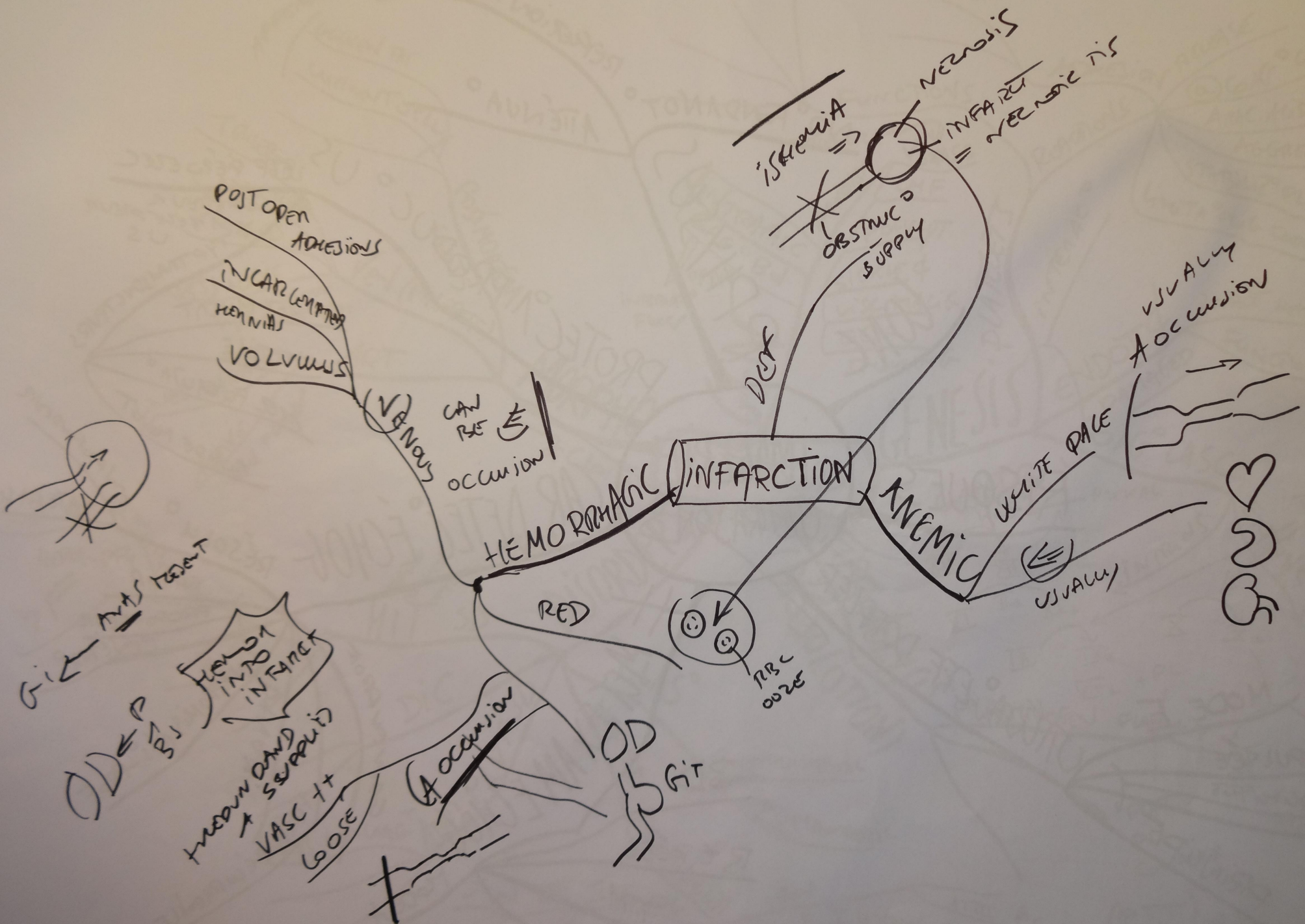


HEMORRHAGE  
 HEMATOMA  
 PECHIAL PURPURA  
 HEMARTHROSIS SYNOV











GPR VWF

FUNCTIONS

IMMOBILIZATION  
PREDISP  
CHF  
POLYCYT  
SICKLE &  
VISC MALIG  
OC+  
SMOKING

INTRAVASC GAG Bd  
OFTEN  
INTERVASC FLOW

REACTIONS

ADHESION  
RELEASE  
AGGREGATION  
STABILIZATION  
LIMITATION

ENDOTHELIAL DANGERS  
COAGULATION CASCADE

INTRINSIC  
EXTRINSIC

PLASMINOGEN  
PLASMIN  
PT II  
F IIa  
F XIII  
F XIIIa

PLAT  
PL  
COMPLEX  
PTT  
ANTITHROMBIN

AT III PC PS  
F I  
PROT 20210A TRANSI

ADHESION RELEASE  
GAG CASCADE  
ARAC ACID MET  
CYCLO OX  
TXA2  
AGGREGATION  
STABILIZATION  
LIMITATION  
ADP THROMBIN  
TXA2 COL  
CPIN PAF

INACT HEMOS  
THROMBORESISTANCE  
FUNCTIONS  
HEPARIN LIKE  
MUTPA

VII TF  
VII+TF  
T  
THROMBIN  
PS  
PC  
PGI2

# THROMBOSIS

APPEARANCE  
GUMEN FAT  
CURRY JELLY  
POSTMORTEM CLOTS  
T PHLEBITIS  
DARK RED  
V STASIS  
VEN (PHLEBOT)  
LESS ACTIVE  
V B N FLOW  
WAXEN EXT  
ART  
LIVES ZAHN  
ACTIVE  
Bd FLOW

MORPHO  
T & CLOTS

DISORDERS  
DIC  
HIT SD  
HEP-ED THROMBOPHILIA  
WARS ANTI COAG  
ANTI PL F SD

CLAS  
ANTITHROMBOTIC  
PROTHROMBOTIC  
LEV III V VEG  
MTHFR C677T  
FUTRA

SONGT-NAE ASE ASSAY  
HEPIL-PP4  
II  
I

NL



CONTACT ACOVA  
VITRO (d)  
DPEC CONTACT  
X → N BLEEDING

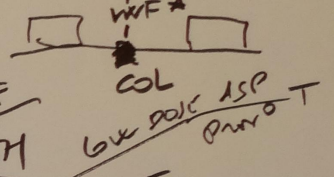
PT  
inhib



ADHESION

RELEASE

ADP  
IL1S  
SEROT  
PDGF  
OTH



GP VWF (3.4.9)

PLATELETS

THROMBO GENESIS

ENDOTHELIAL

GAGULA  
CASCADE  
= CC

RESISTANT

INTACT

MODUL Hemos

OPPOSE GAG BY TΩ

↑ NO  
↑ SpHic  
↑ PS  
GF

HEAL LIKE M  
PGF

AT III

PLASMINOGEN  
ACTIVATOR

NEUTRINOS  
T...  
IXc 1 Xa

APC

THROMBOMODULIN

TAKING UP

1 CLEAVING T

d SFE  
T on ven  
ACTIVATOR  
PC K

SCH 2013

CONTACT  
PROVIO?

INTRINSIC  
HMWK  
KALI K  
DPEC  
HMWK

EXTENSIC

(VU) TF

(VIIa + TF)

TF  
PATHWAY  
INHIBITION

INITIATED

PLATE

XII HF  
XII a  
XI  
XI a  
IX  
IX a

Ca<sup>2+</sup>  
Ca<sup>2+</sup>

(IXa + VIIIa + Ca<sup>2+</sup> + PL)

Xa  
Ca<sup>2+</sup> + PL  
Ca<sup>2+</sup>

(Xa + Va + Ca<sup>2+</sup> + PL)

FG  
Ca<sup>2+</sup>  
XIIIa (XIII)

Cross-link F  
FIBRIN  
CoT

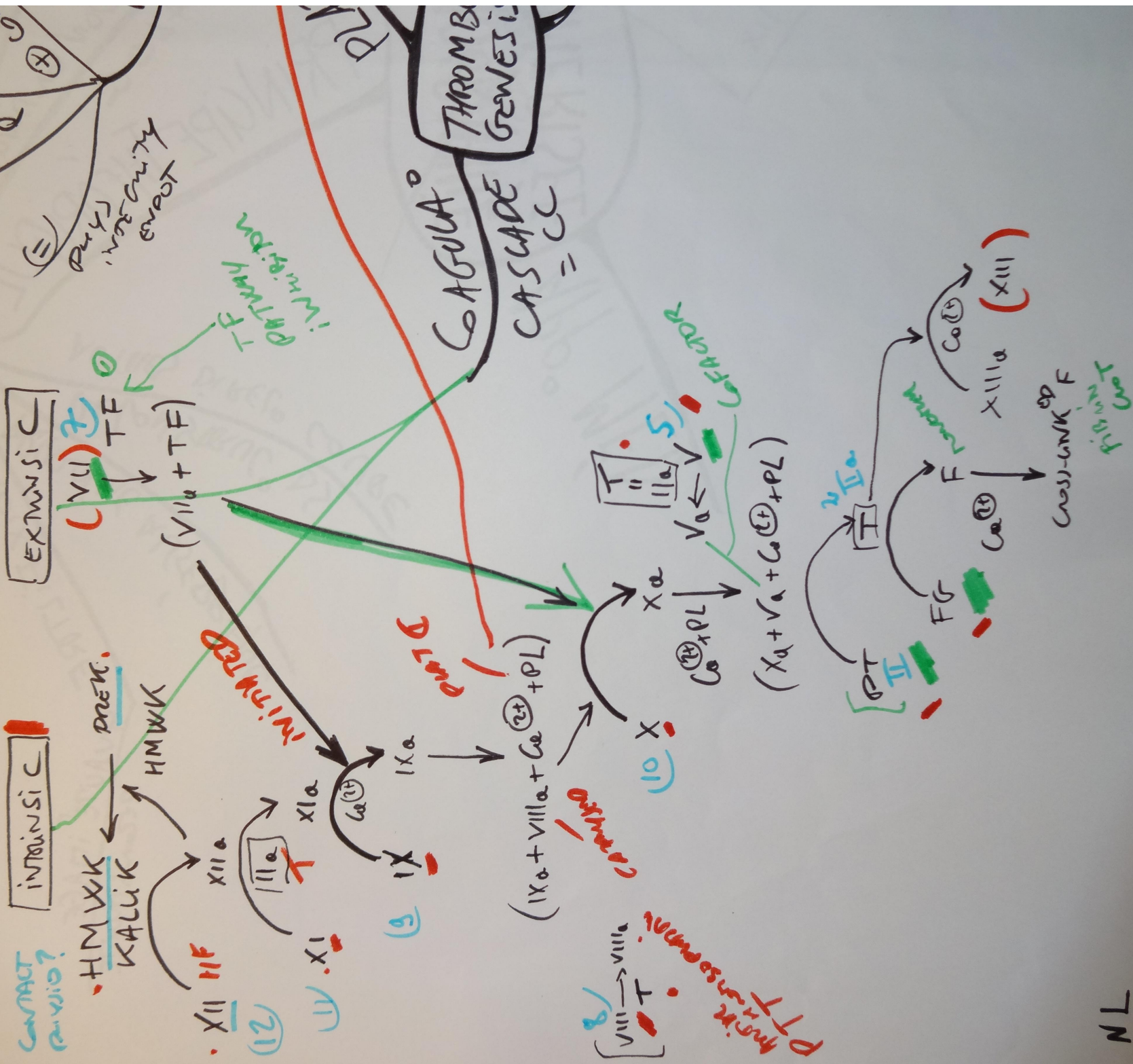
PT  
II

NL

MIX  
PTT

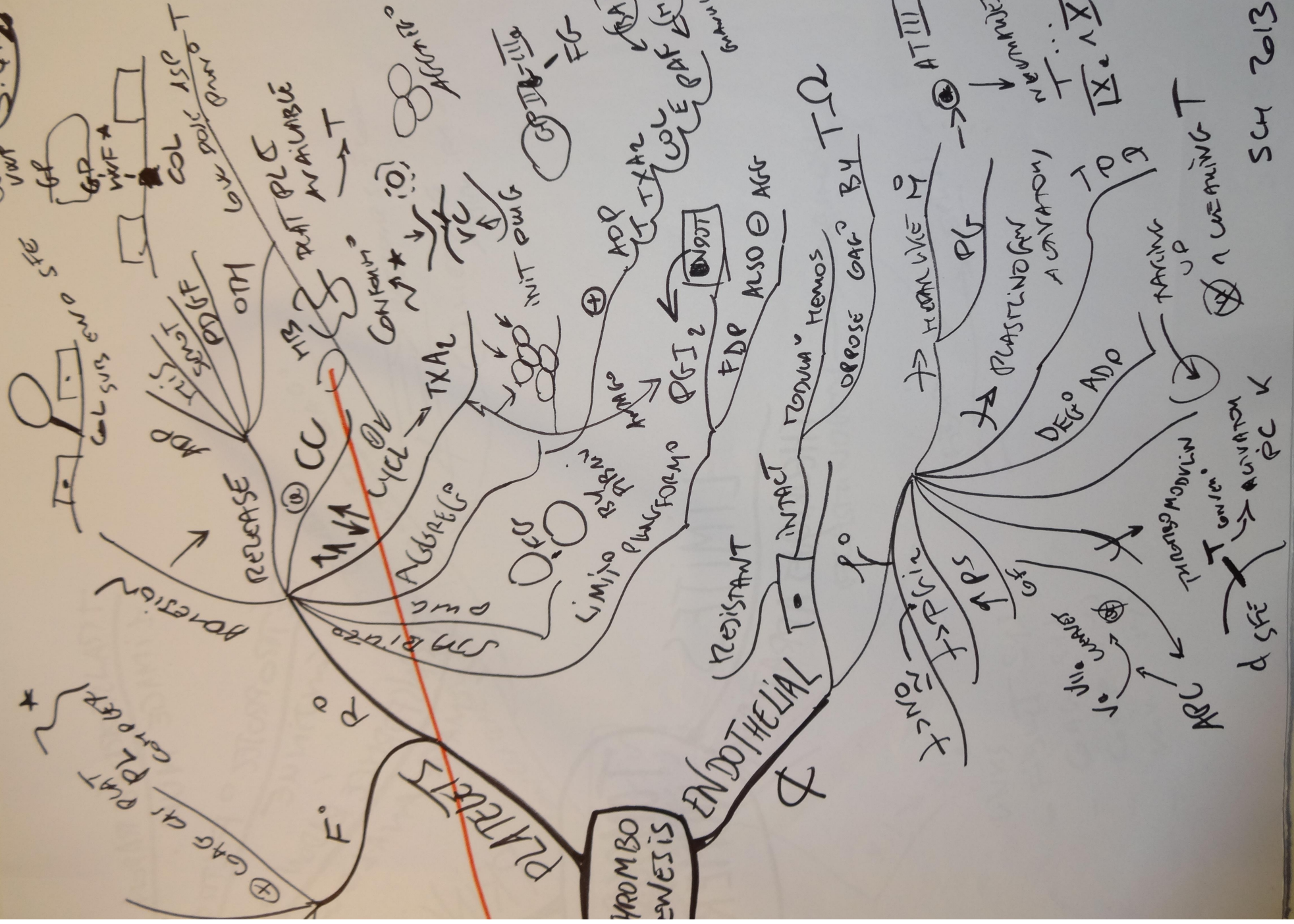


CONTACT AGONY  
 vime (of)  
 DERIC CONTACT





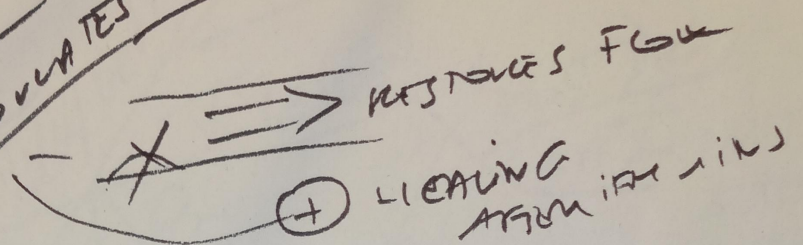
3.4.2



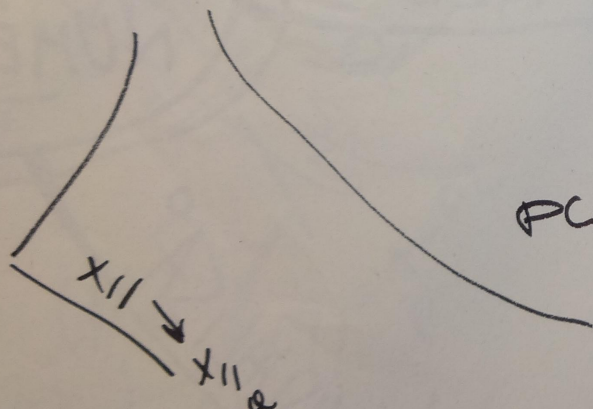
SCH 2013



CONCURRENT WITH T(RENES)  
 MODULATES GAGs



**FIBRINOLYSIS**  
 (DISSOLV<sup>o</sup>)



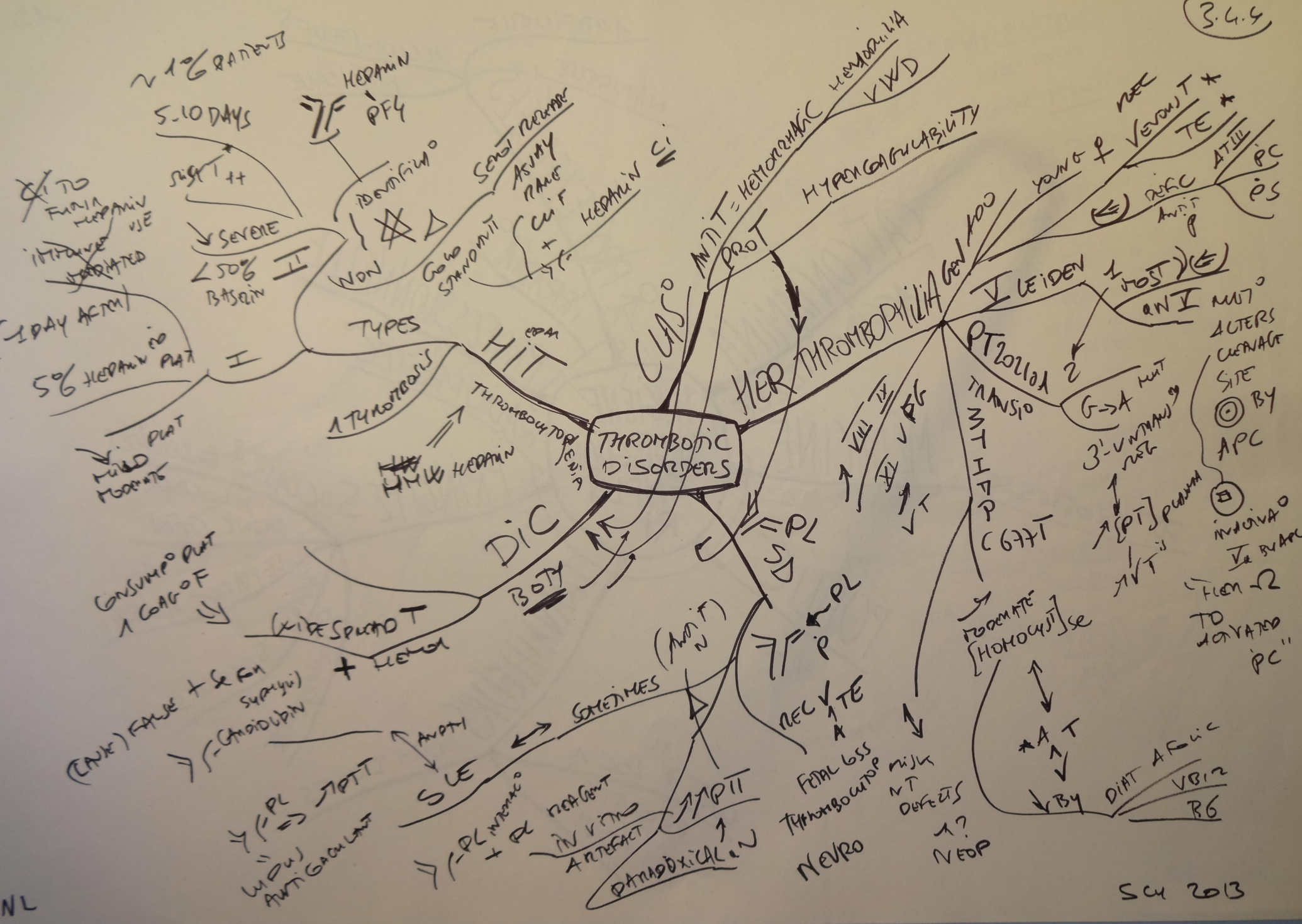
PLASMINOGEN → PLASMIN

FIBRIN → SPLIT

- LINKS
- FIBRIN 5Y
  - GAG 5Y
  - GMP 5Y
  - KIN 5Y



# THROMBOTIC DISORDERS





# MORPH THROMBI CLTS

ACTIVE FLOW  
MATURE

~~DARK GRAY~~ PLATELETS  
INTERSPERS  
LIGHTER FIBRIN

= LIVED ZAHN  
EVENTUALLY UPLOOSE &  
DISAPPEAR

LONG FIB IS  
RECALC  
NARROW VESSEL  
RESTORES FLOW

POST MORTEM  
CLTS

LIVED / ACTIVE

LOWER EXT  
PERIPHERAL  
10TH PELVIC

STASIS

HOSPITAL  
REST

DARK RED

[⊙] → IA  
RBC  
\*  
12

IFM  
" THROMBOPHLEBITIS

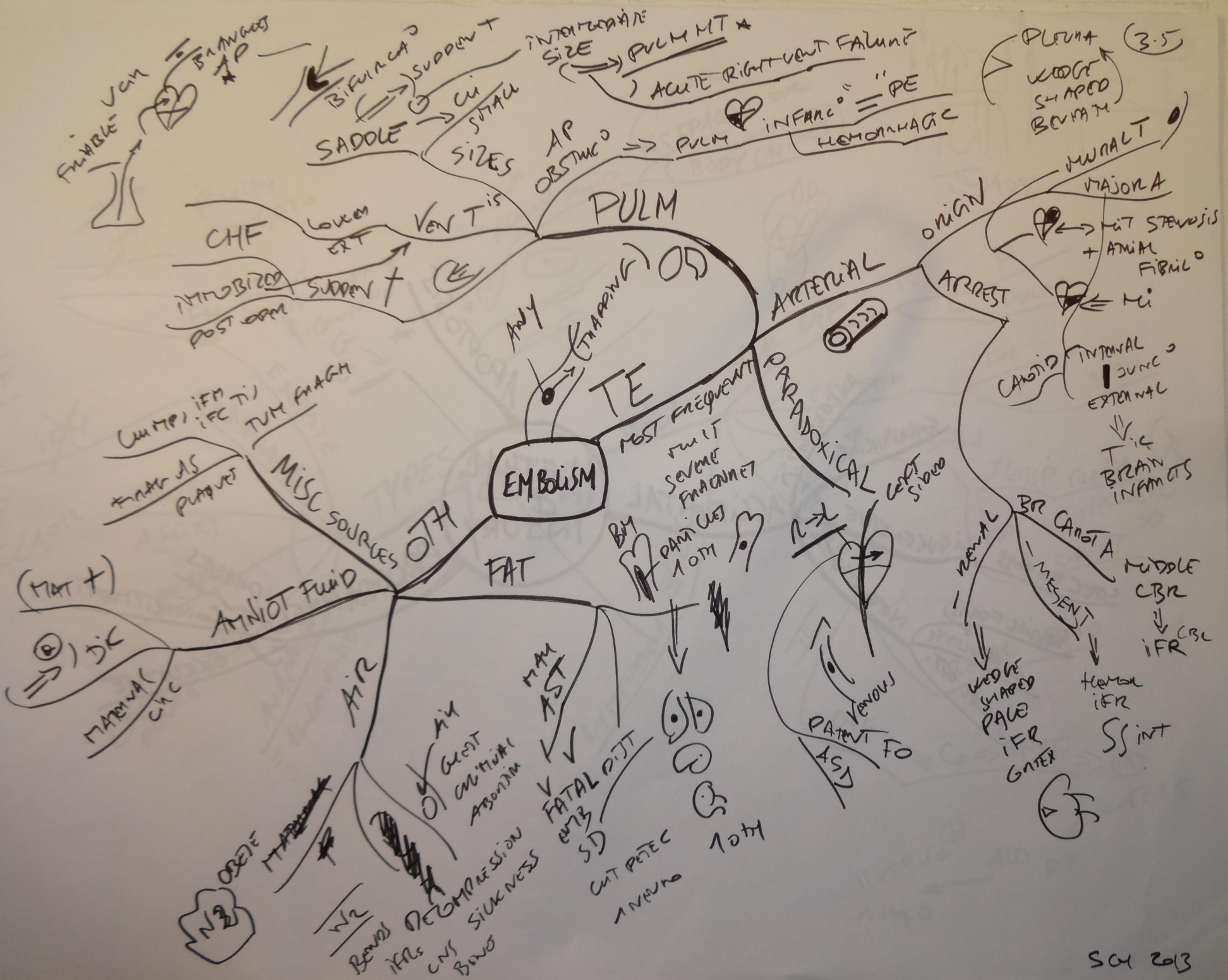
Upper  
Lower

NOT ATTACHED

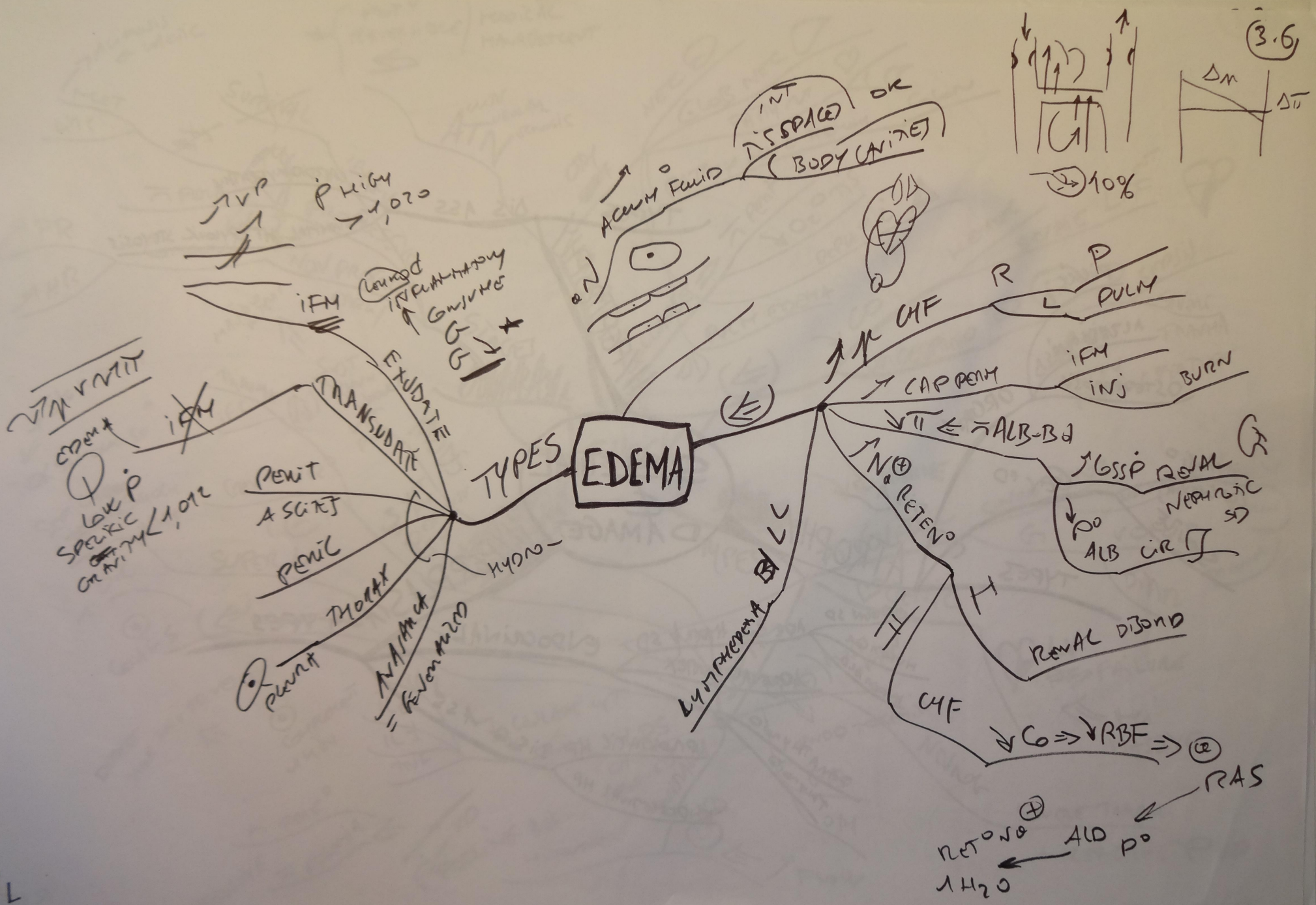
SOON  
AFIRM  
X

OLIVE OIL FAT & RBC ON W/M  
W/MONT JELLY  
RBC



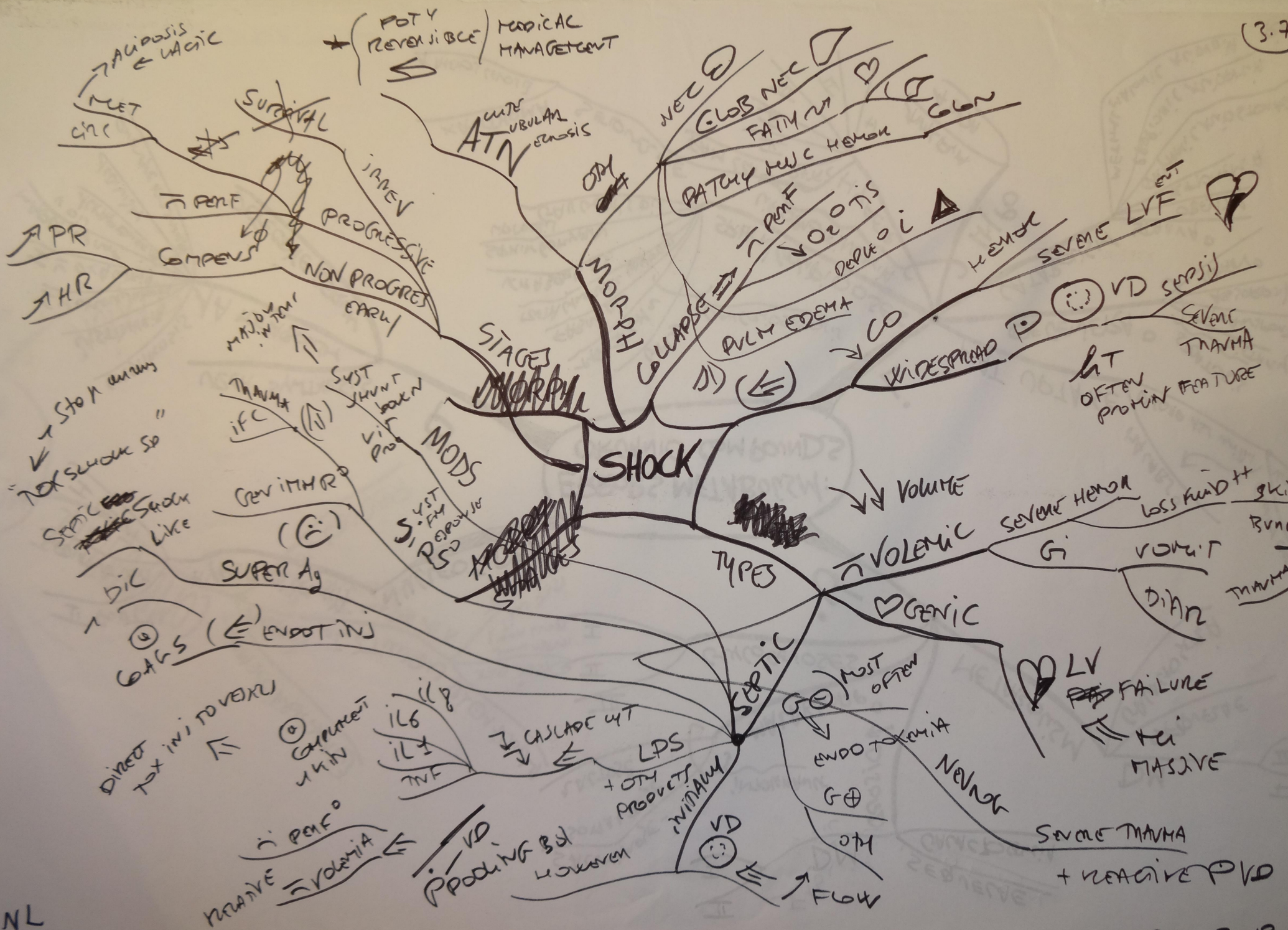






NL





NL