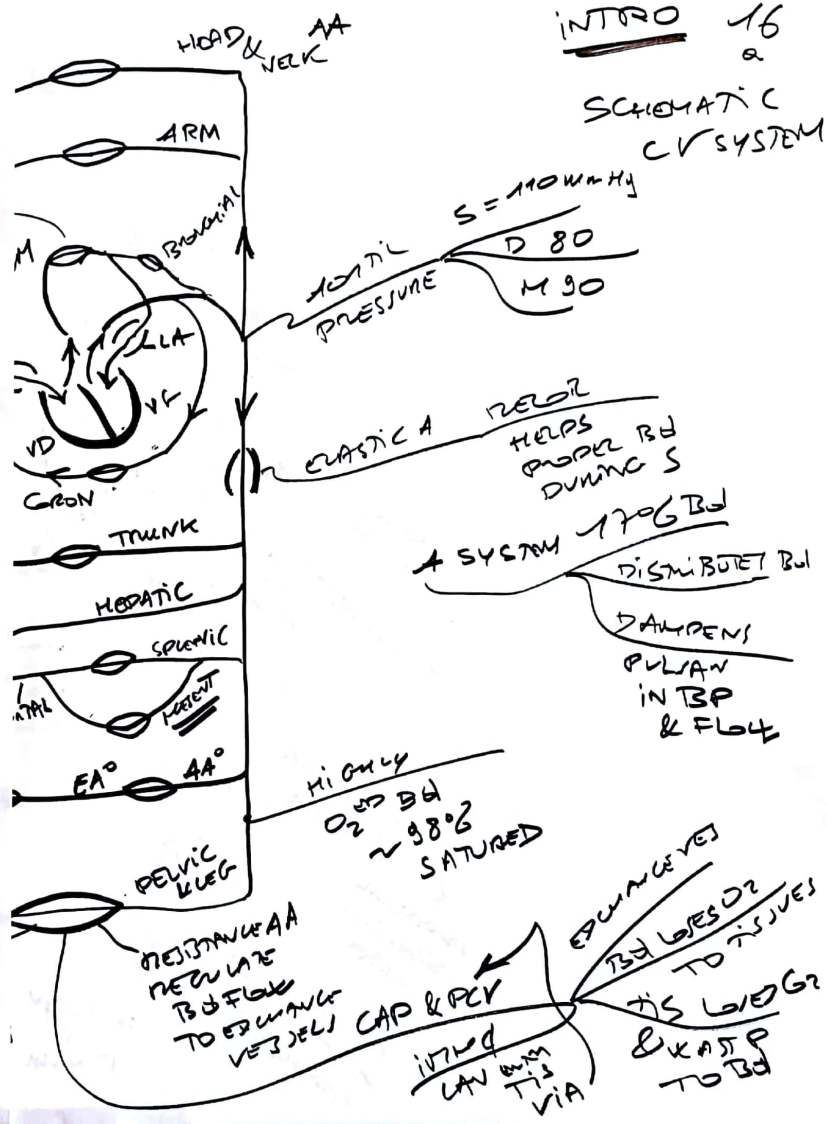


INTRO 16  
a

SCHEMATIC  
CV SYSTEM



HEARTIC PRESSURE  
 $S = 110 \text{ mmHg}$   
 $D = 80$   
 $M = 90$

ELASTIC A. VESSEL  
HELPS PROPEL BD DURING S

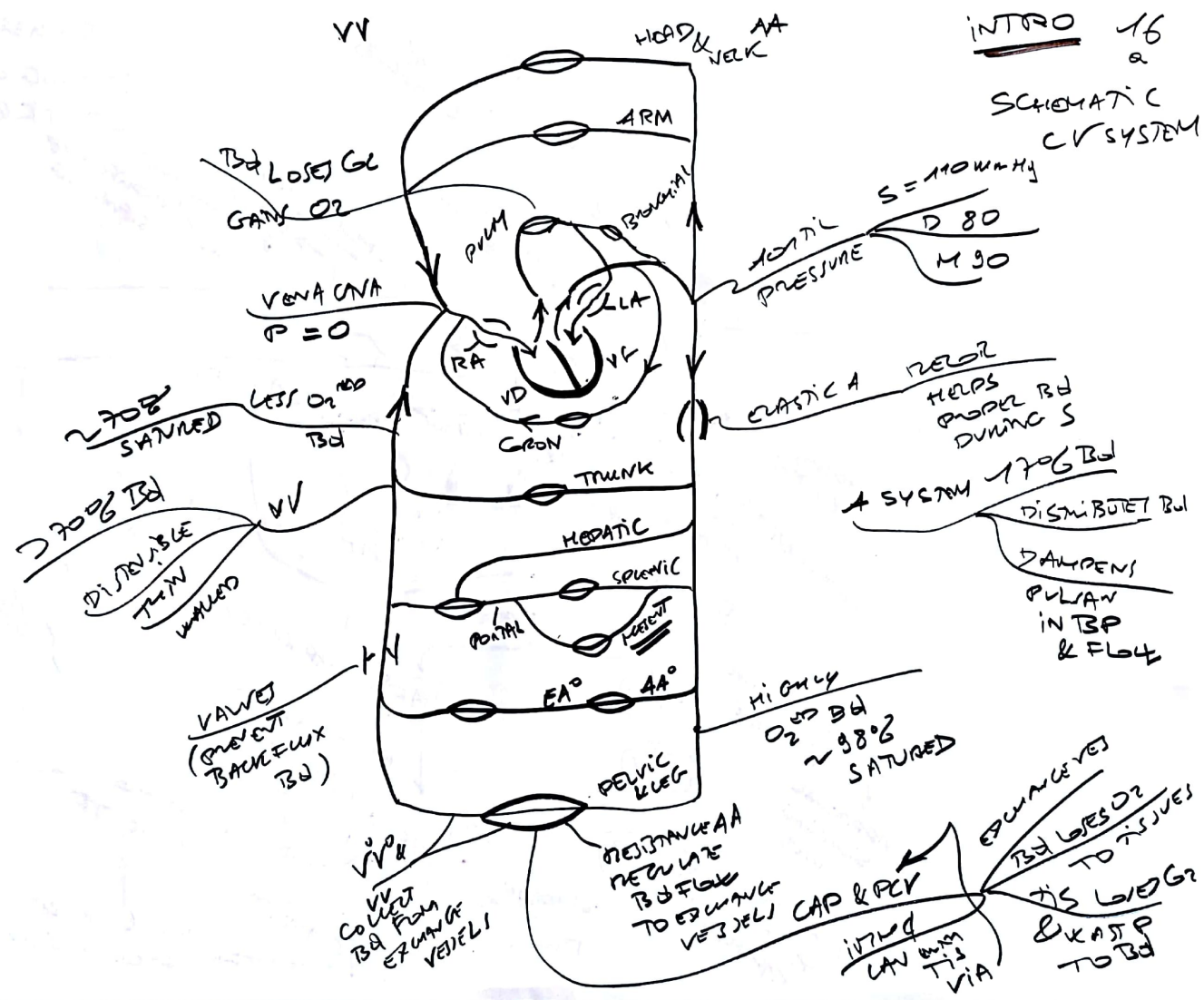
A SYSTEM 1706 BD  
DISTRIBUTED BD  
DAMPENS PULSAW IN BP & FLOW

HIGHLY O<sub>2</sub> BD ~98% SATURATED

RESISTANCE AA REGULATE BD FLOW TO EXCHANGE VESSELS  
CAP & PCV  
INTD CAN BE VIA  
EXCHANGE VESSEL  
BD FLOW TO TISSUES  
TIS VESSEL & KASP TO BD

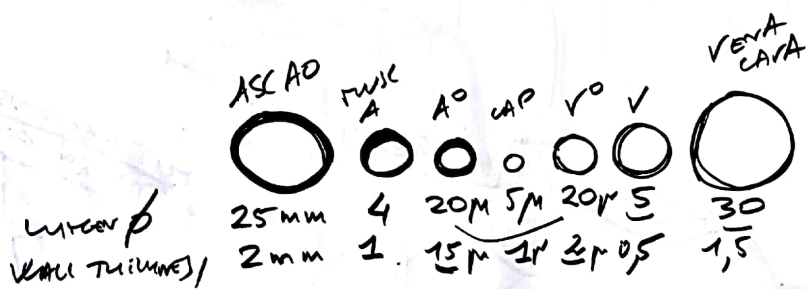
PHYSIO GUANCE CV

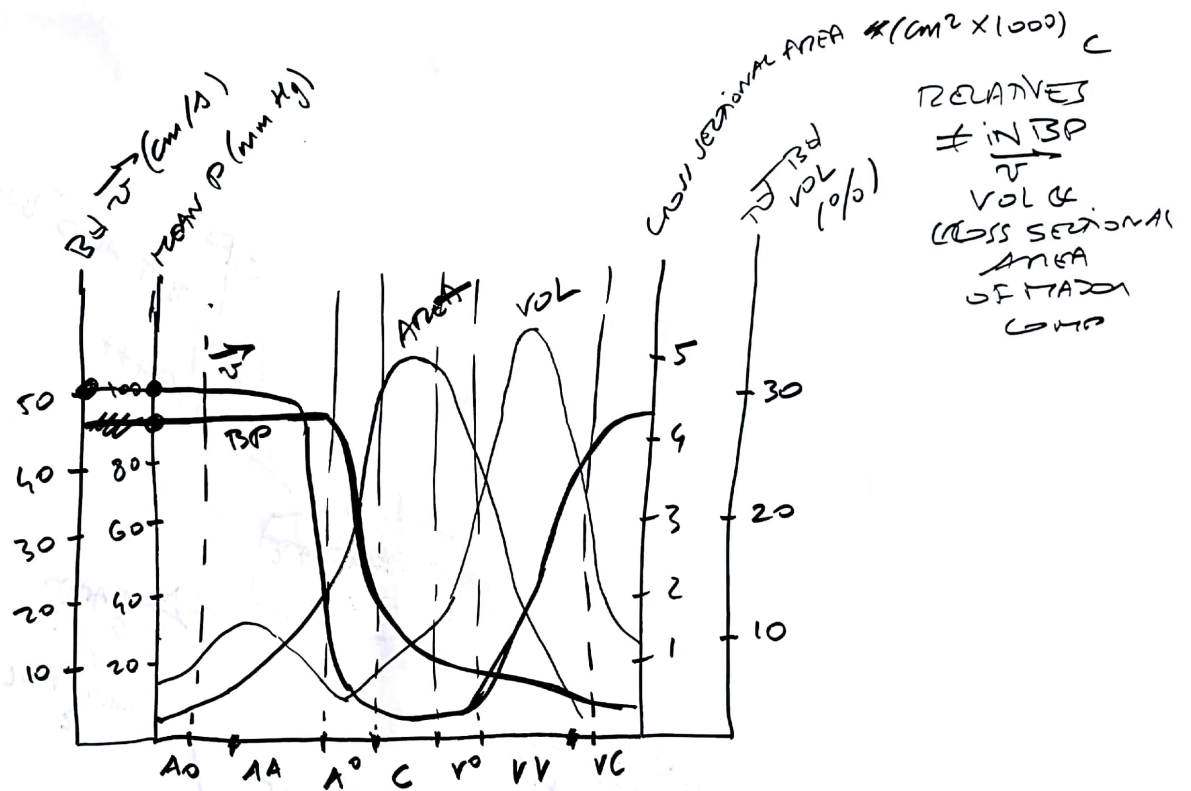
SCHEMATIC  
CV SYSTEM



2

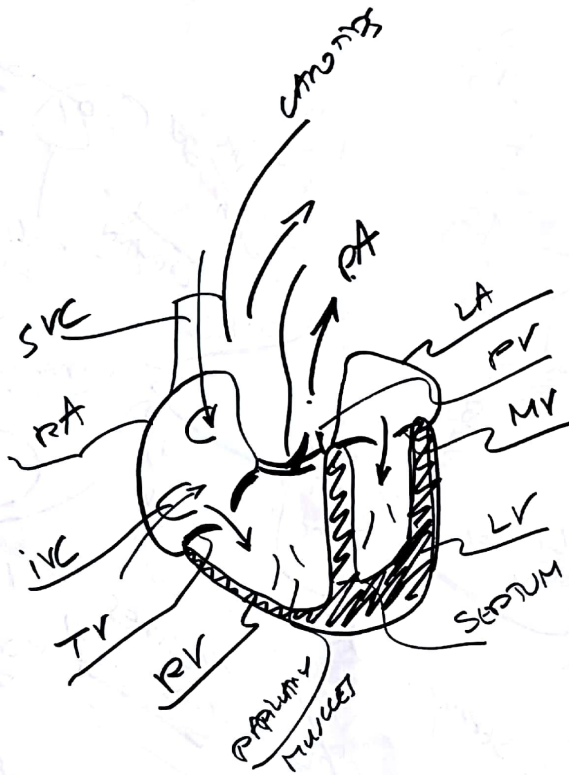
RELATIVE  
DIAMETER  
& WALL THICKNESS  
OF VESSELS



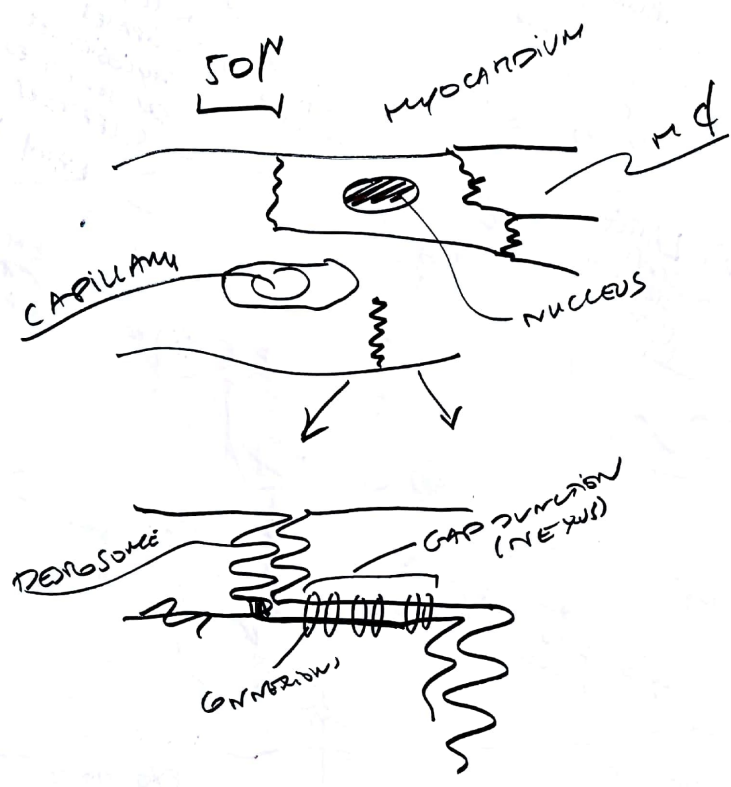


17 HEART

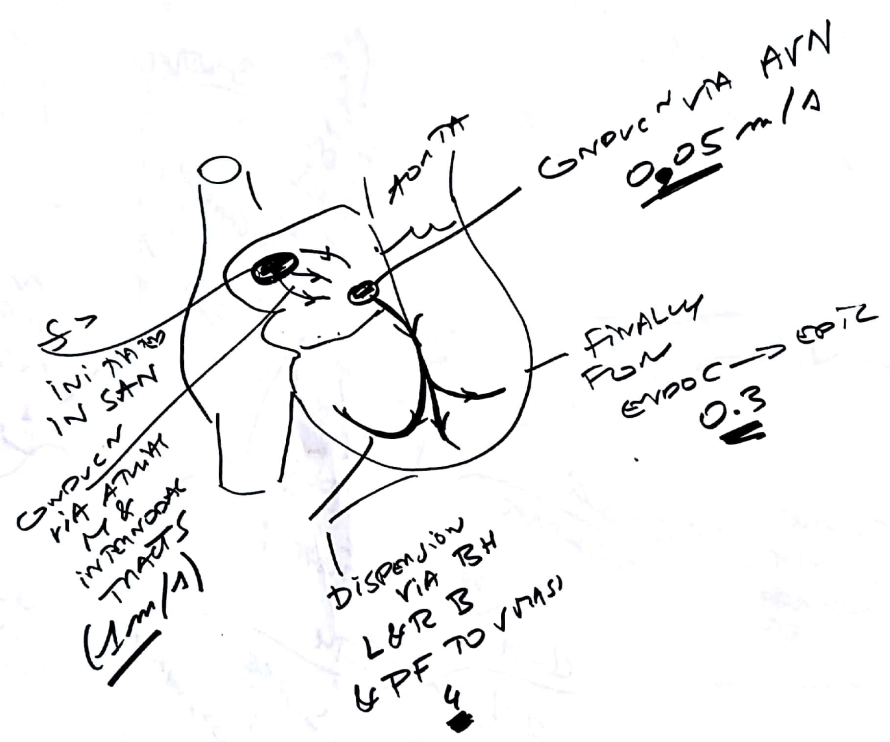
② ANAT

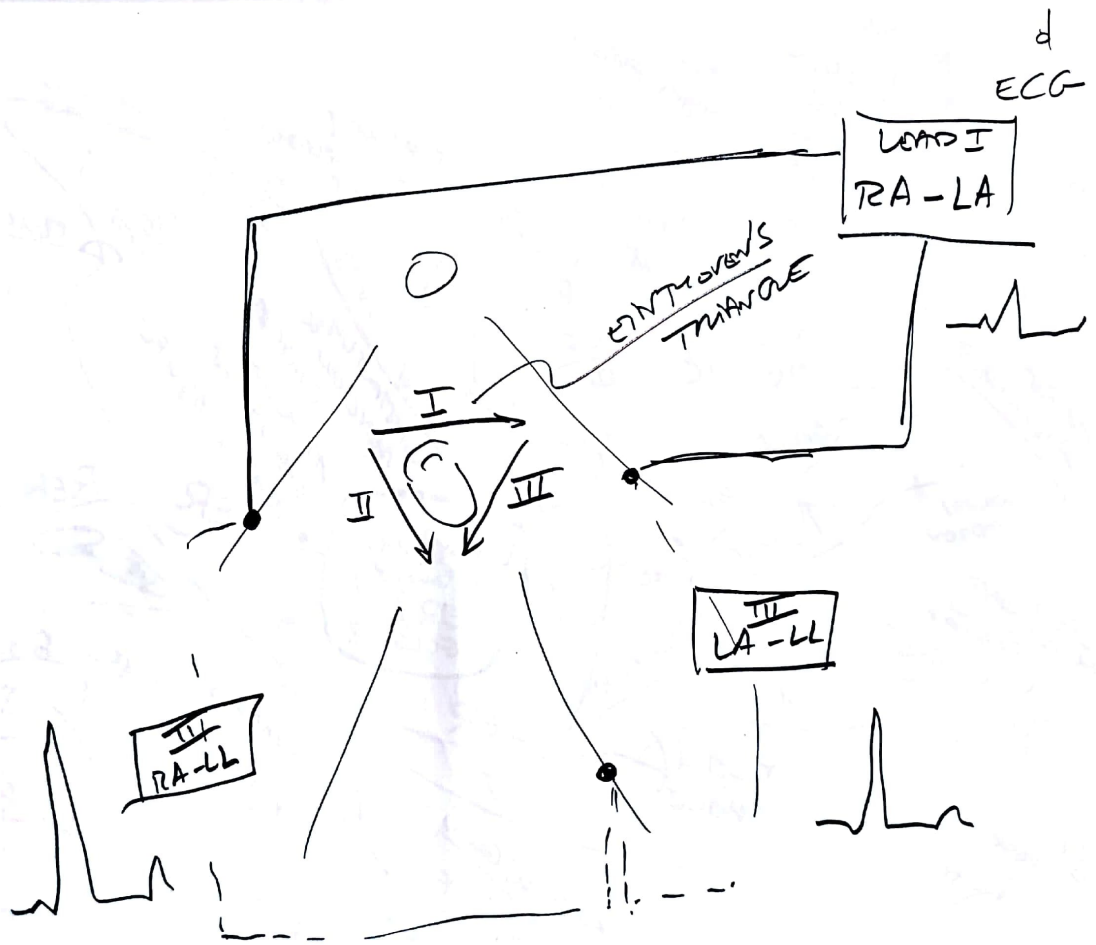


6  
CARDIAC  
M M STR



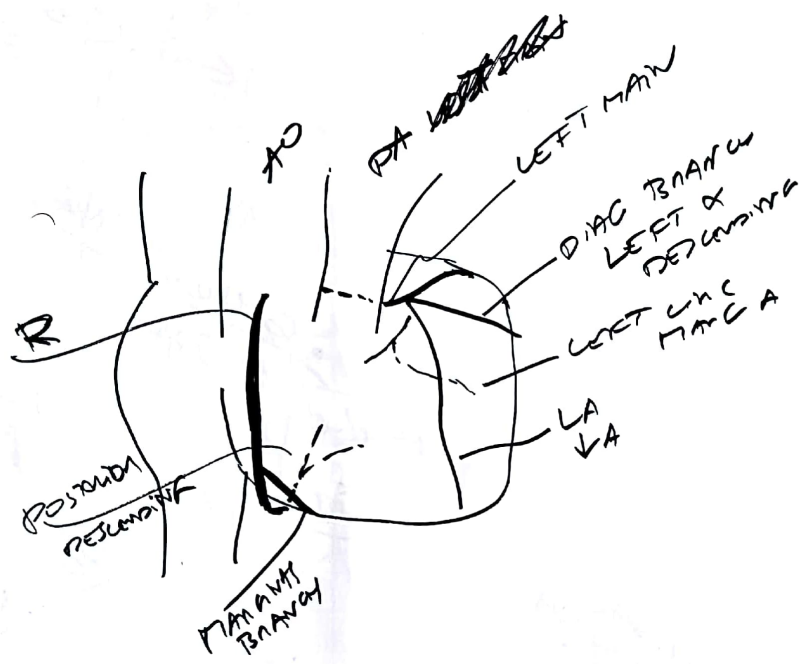
C CONDUCT<sup>N</sup>  
PATH







e  
CORON  
CIRC<sup>N</sup>





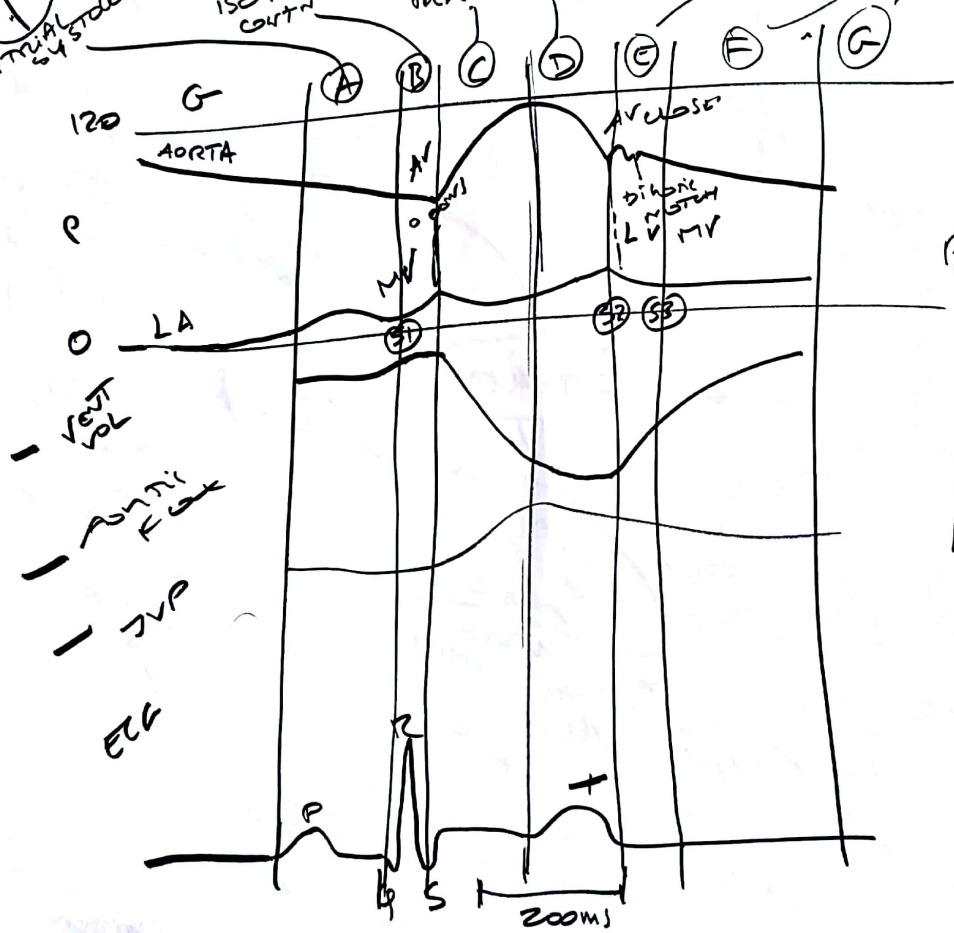
ISOVOL CONTR. (with arrows pointing to the top of the pressure curves)

RAPID V EJECTN REDUCED (with arrows pointing to the top of the pressure curves)

ISOVOL RELAXAN (with arrows pointing to the top of the pressure curves)

CARDIAC CYCLE REDUCED (with arrows pointing to the top of the pressure curves)

TRAPD VENT FLOW REDUCED (with arrows pointing to the top of the pressure curves)

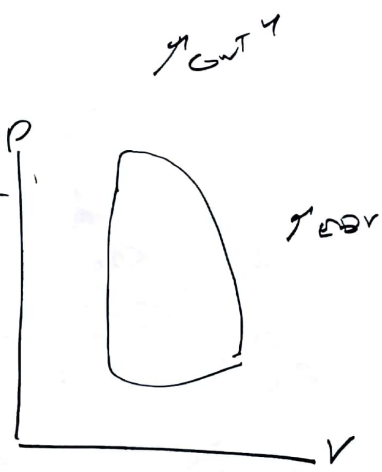


VENT VOL

ARTIAL FLOW

JVP

ECG



CARDIAC VENT M AP

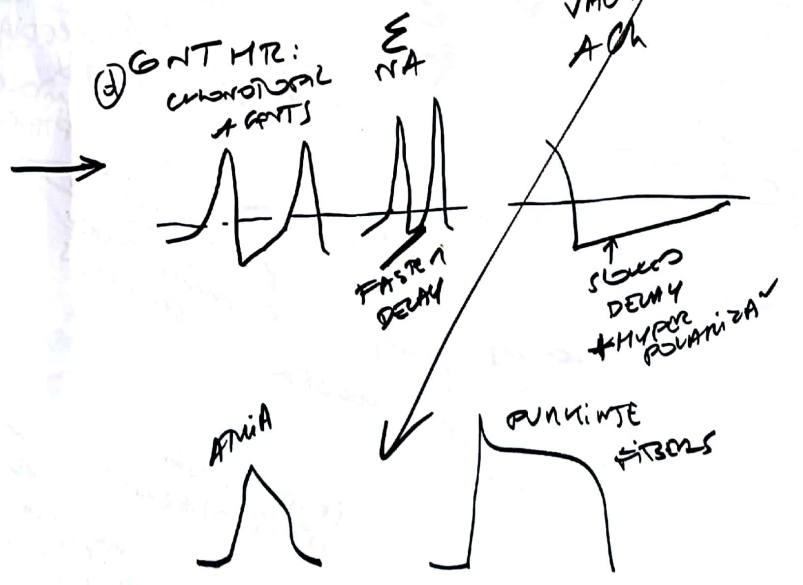
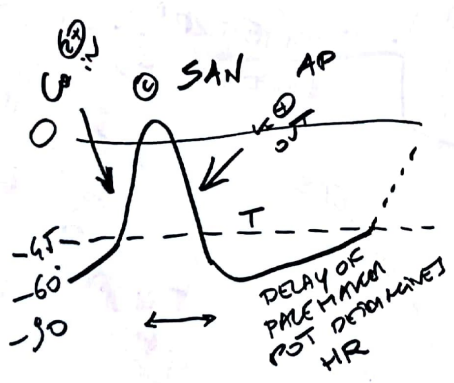
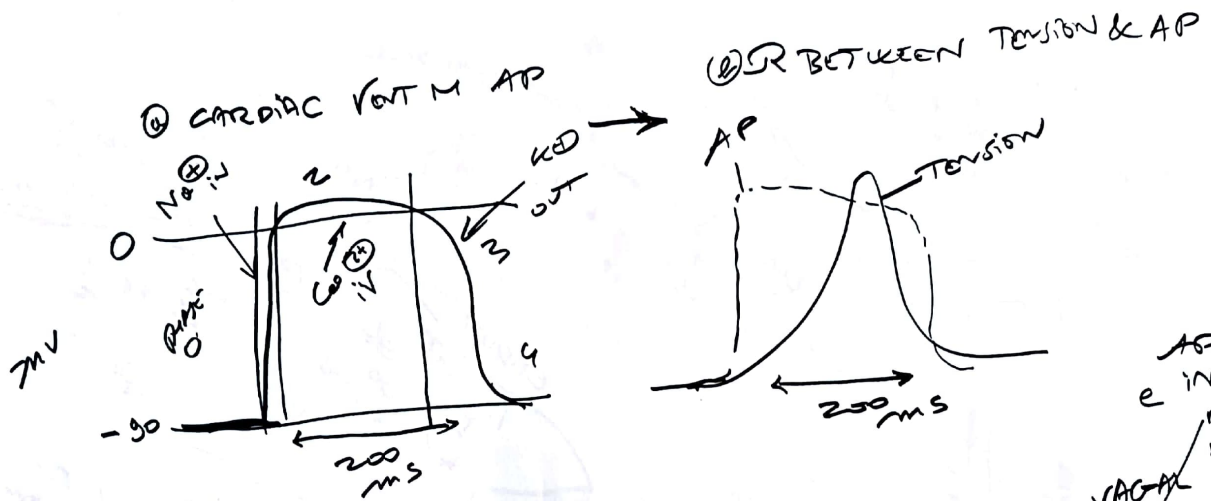
R BETWEEN TENSION & AP

INITIAL HR BEAT  
& E-C COUPLING

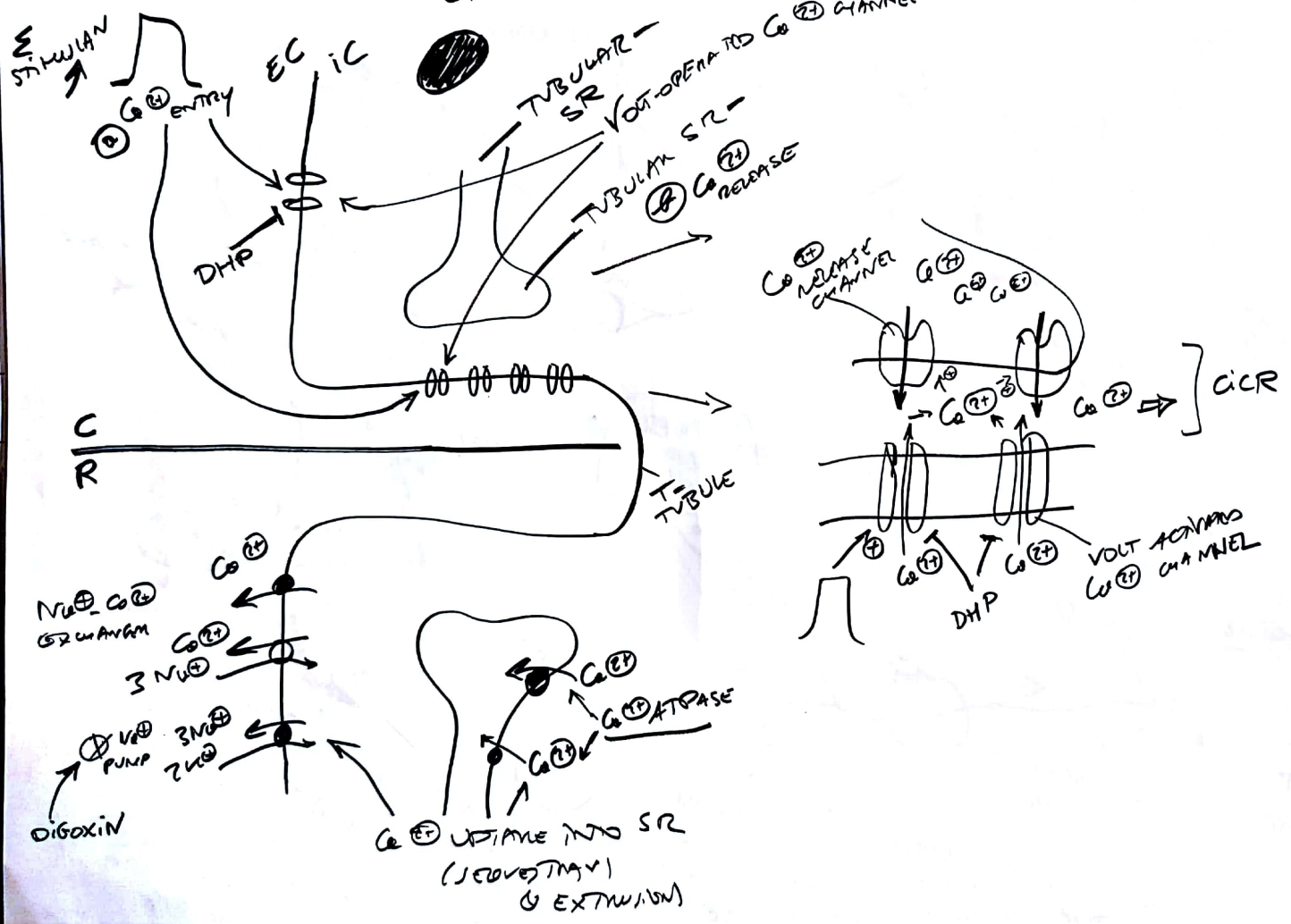
SAN AP

GRNT HR: CHRONOTROPIC AGENTS

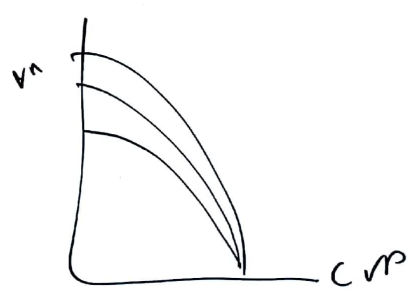
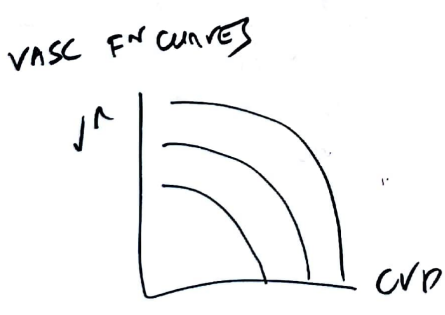
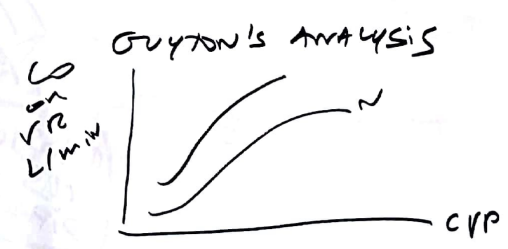
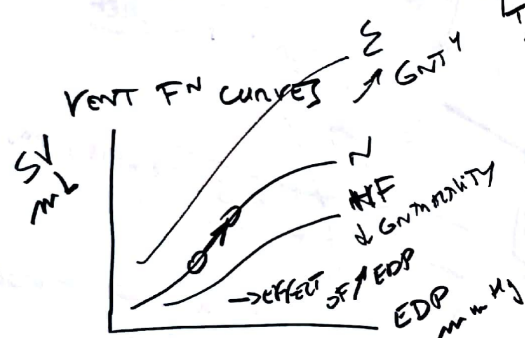
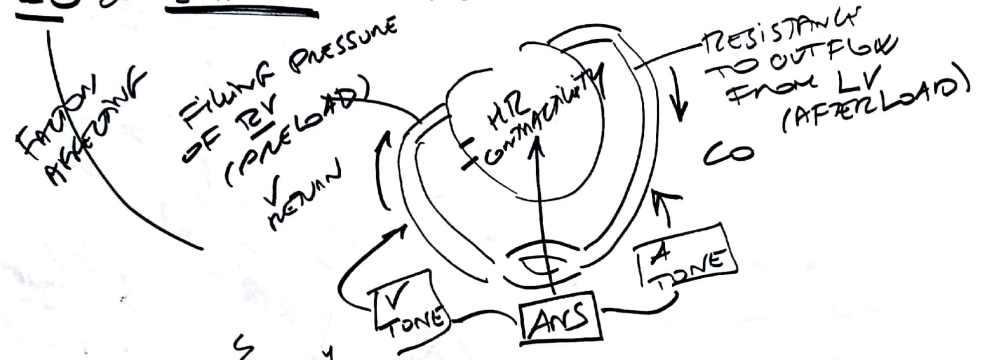
CARDIAC M E-C COUPLING & NEURONAL  
TREC



CARDIAC E-C COUPLING & RELAXN MECHANISM

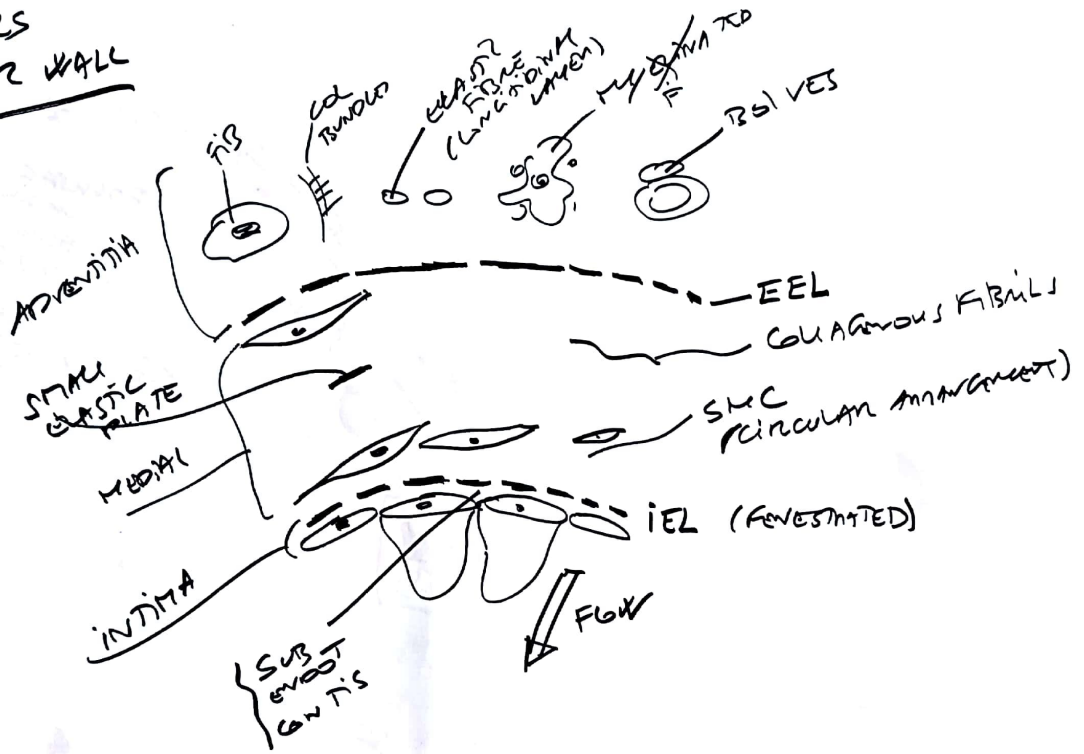


20 GNT CO & STARLING'S LAKE

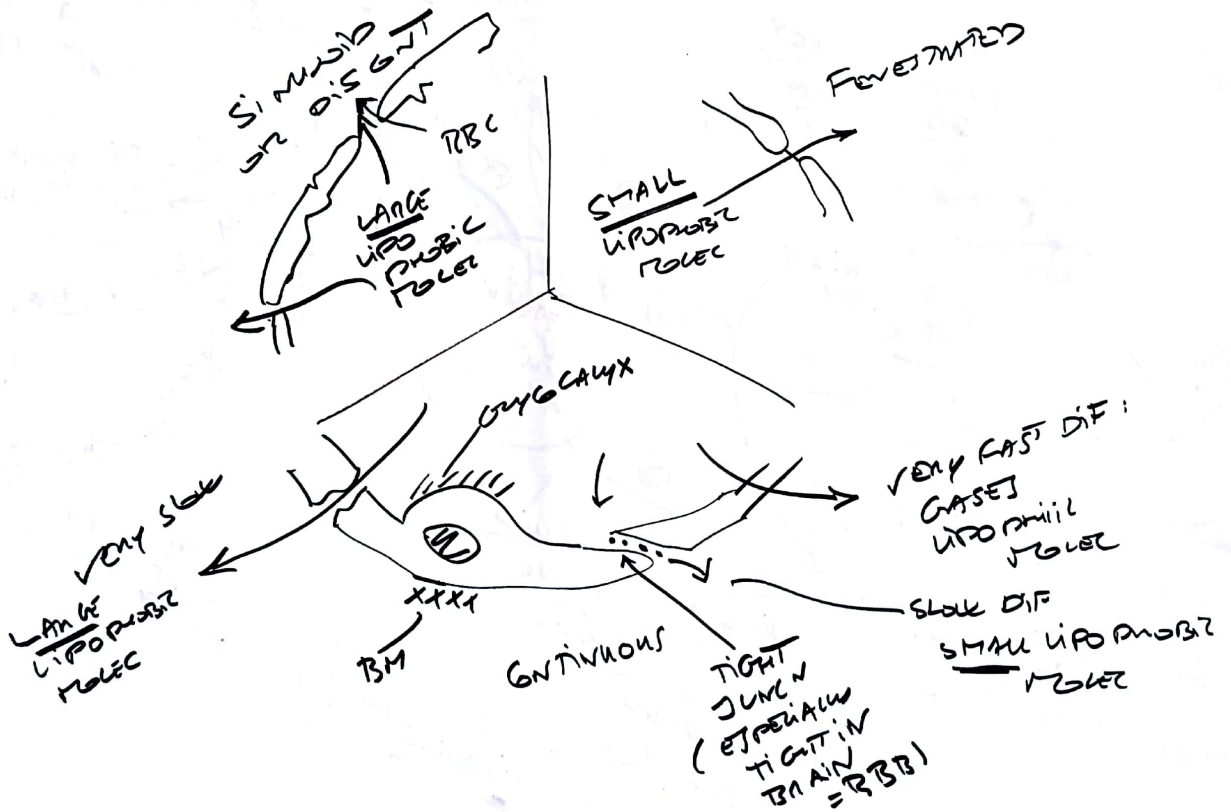


② BLOOD VESSELS

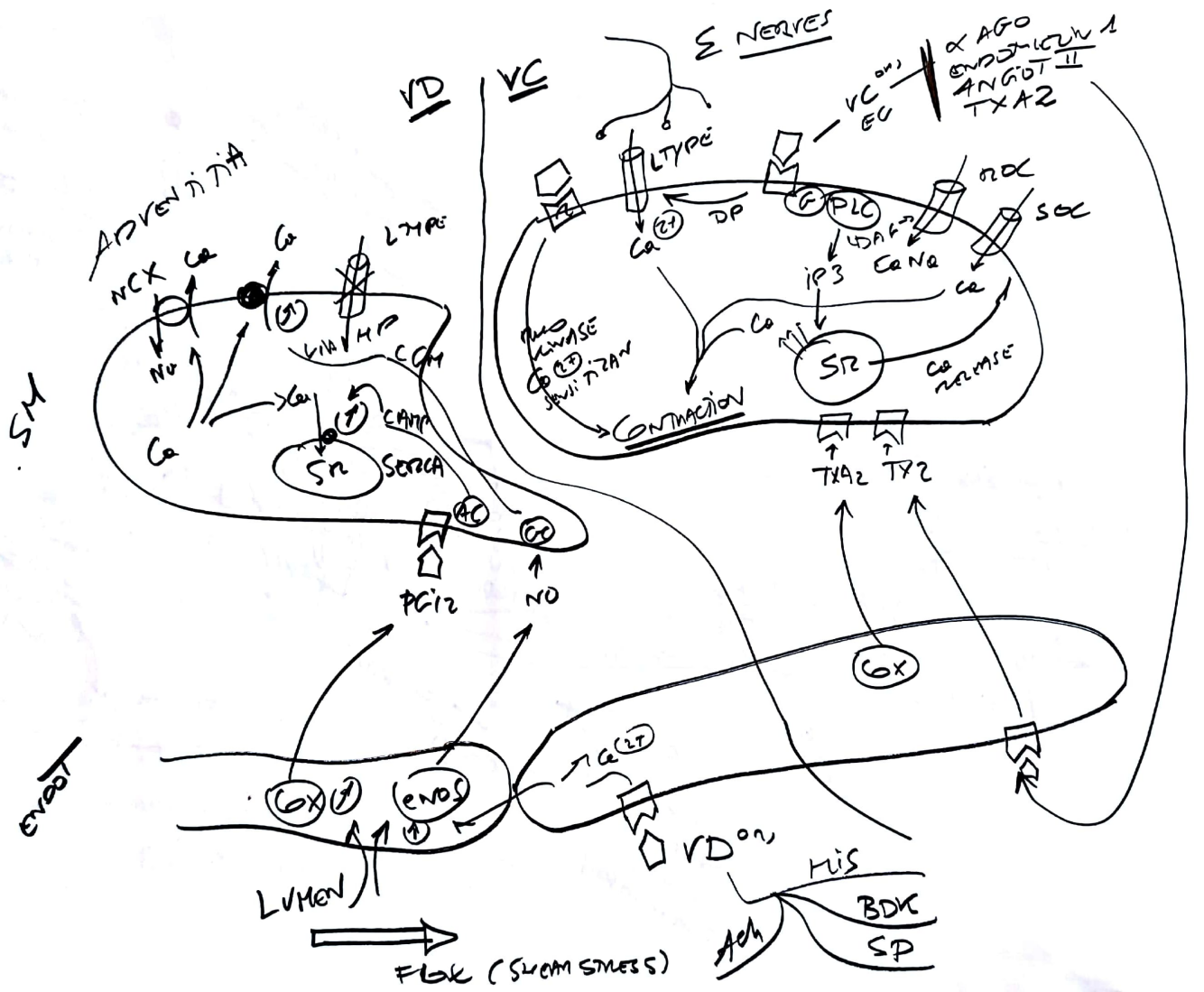
STR WALL



21 of CAP STR

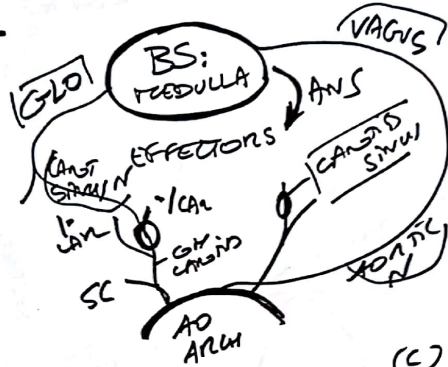




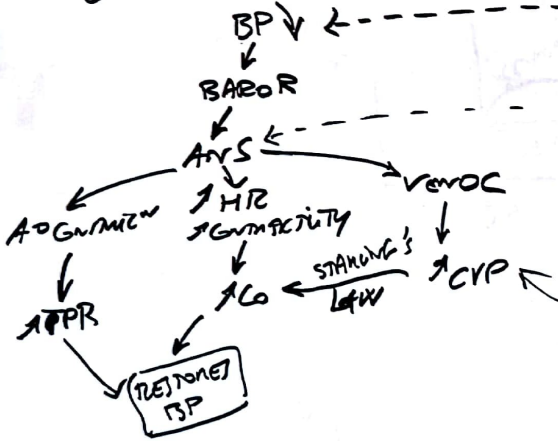


22 GNT BP & B VOLUME

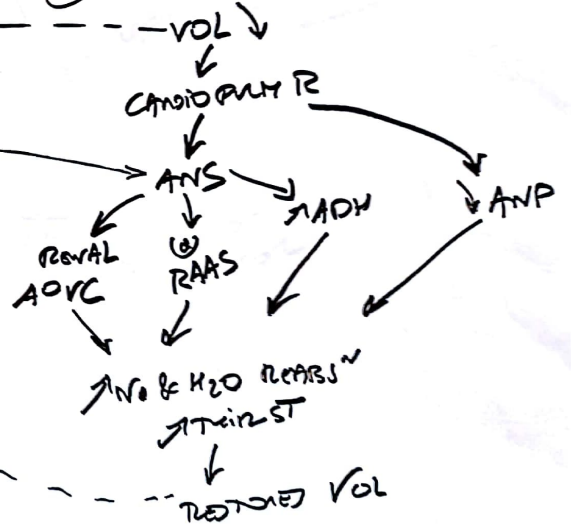
② BAROR



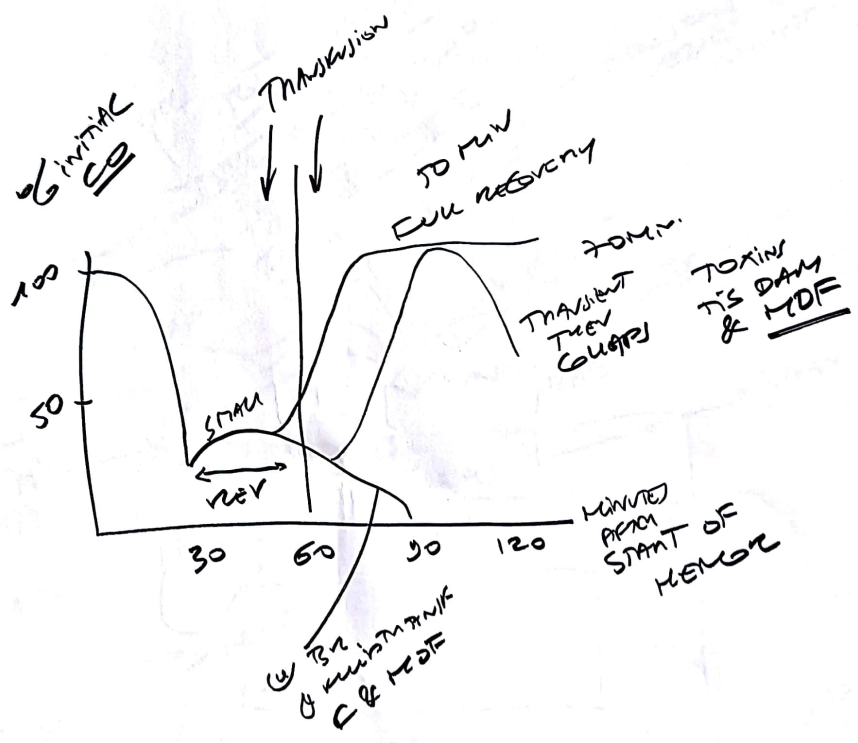
② A GNT BP



② LOWEN T GNT BP & VOLUME



(d) EFFECT OF SCORNE (45%) TSD LOSS: PER & INNER CV SHOCK

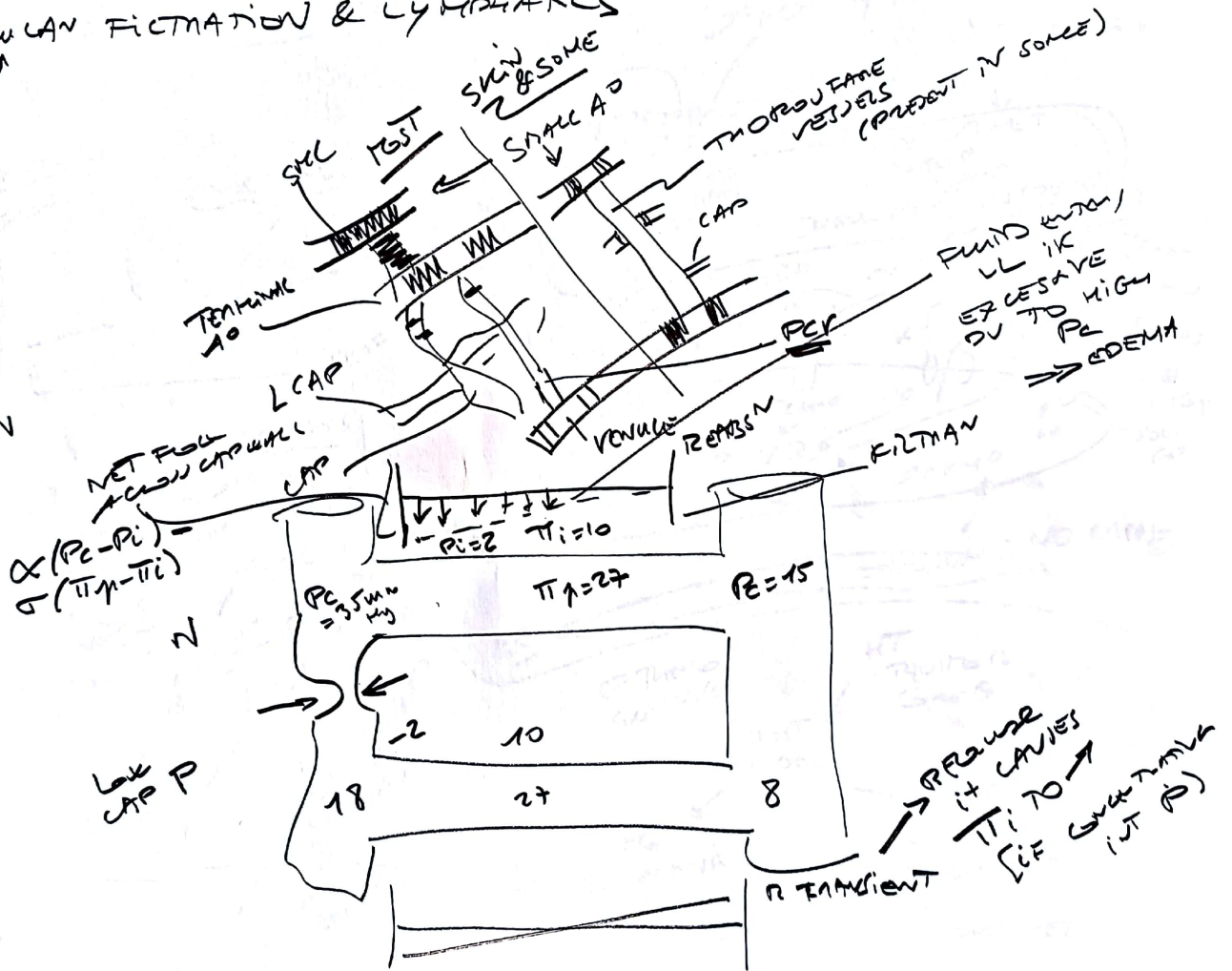


TRANS OF H TAP

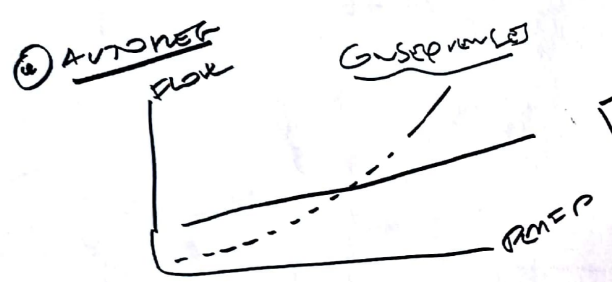
# 23 Microcirculation Filtration & Lymphatics

① Starling

② Fluid Filtration in Cap & Starling's Equiv



24 LOC GWT BY FLOW & SPEC CIRCULATION



KEY ACTIVE TISS

