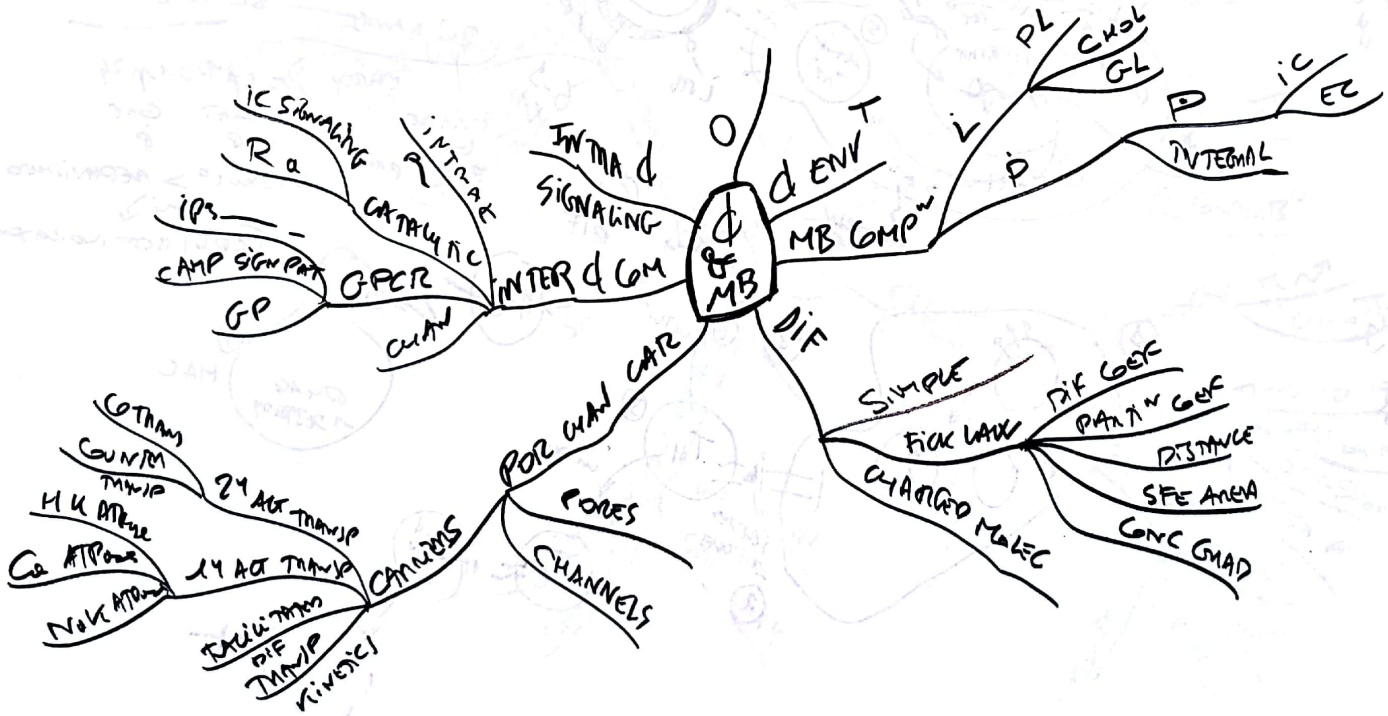
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POR CHAN CAR
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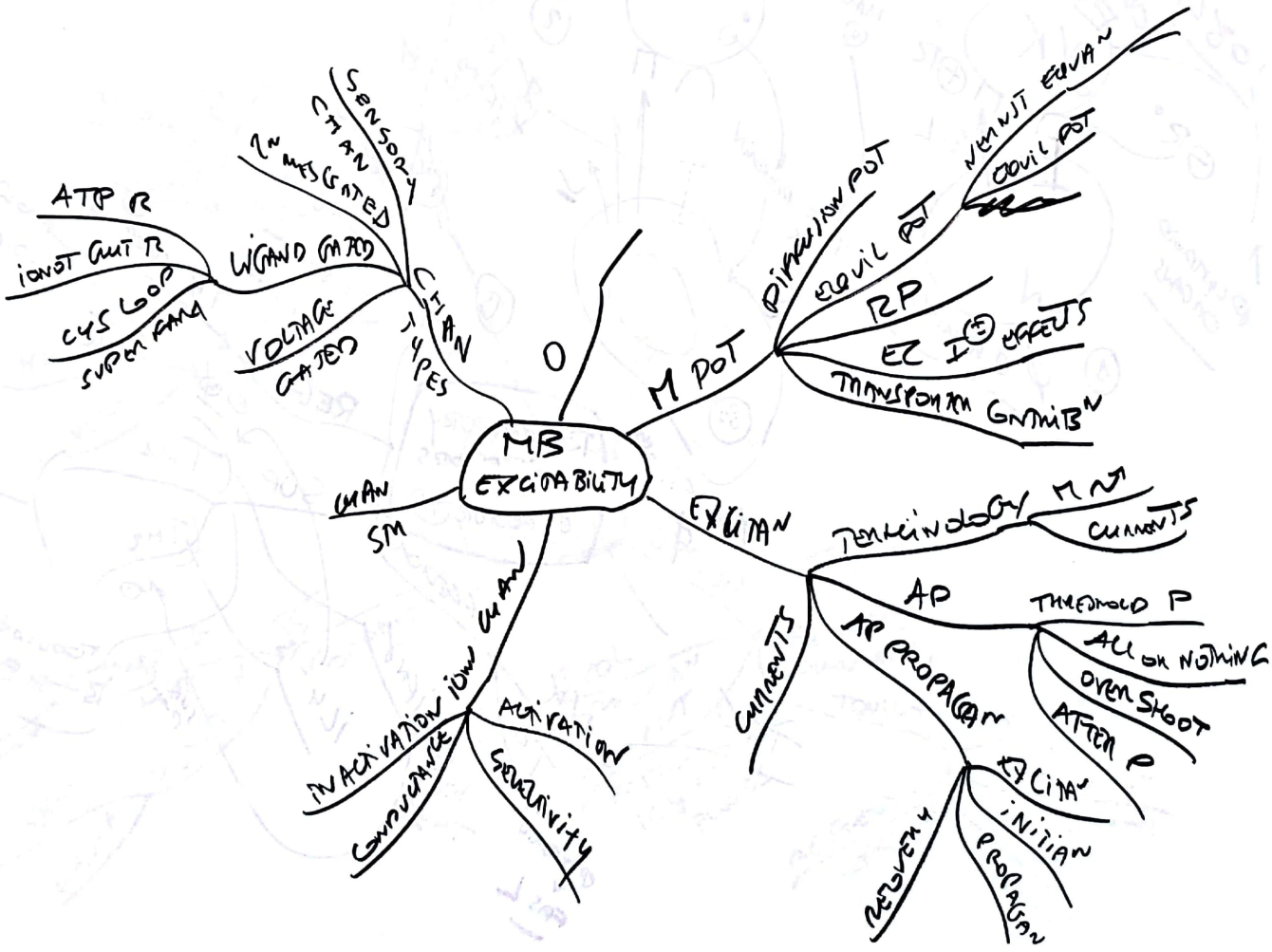
MB EXCITABILITY
M POT
RP
EC I
TRANSPORTER
EQUIL POT
NERNST EQUAN
CHANN TYPES
VOLTAGE GATED
LIGAND GATED
ATP R
CYS LOOP
SENSORY
EXCITAN
TERMINOLOGY
AP
THRESHOLD P
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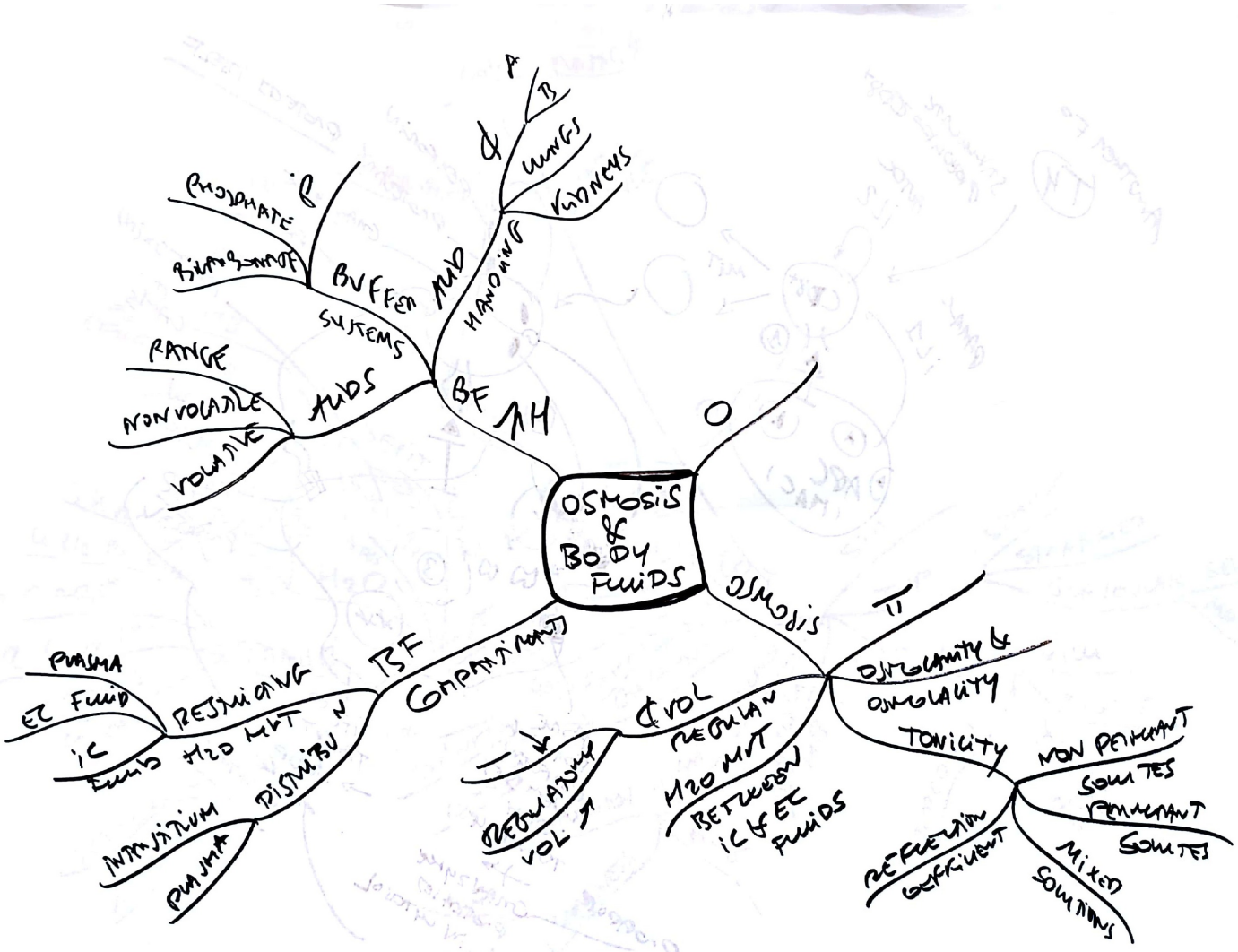
OVERSHOOT
AFTER P
AP PROPAGATION
INITIAN
PROPAGAN
CHANN SM
INACTIVATION
ACTIVATION
SENSITIVITY


OSMOSIS & BODY FLUIDS
BF
BUFFER AND HANDLING
SYSTEMS
FLUIDS
RANGE
NON VOLATILE
VOLATILE
PHOSPHATE
BICARB-CARBONIC
A
B
LUNGS
KIDNEYS
O
BF COMPARTMENTS
PLASMA
EC FLUID
IC FLUIDS
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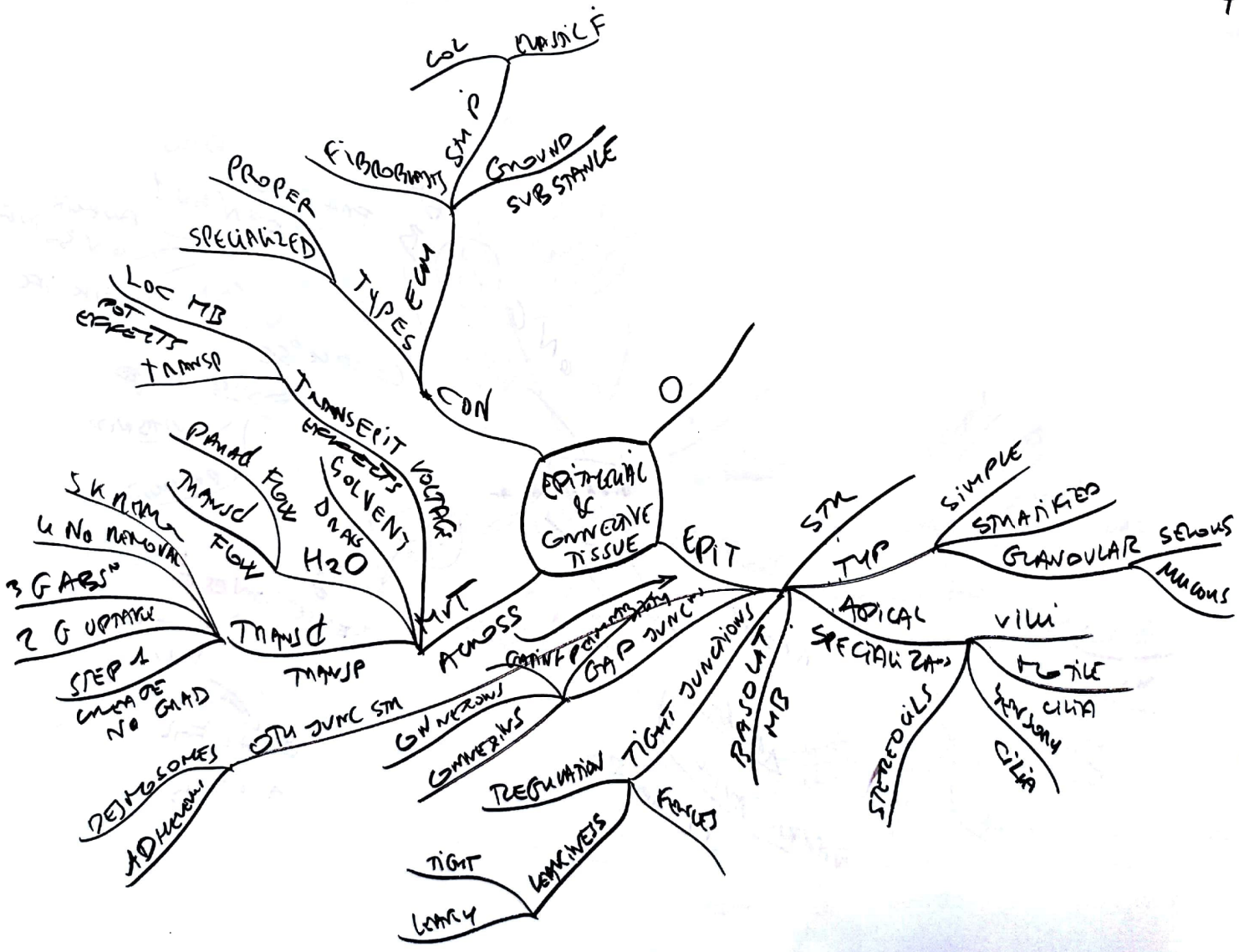
TONICITY
NON PENETRANT SOLUTES
PENETRANT SOLUTES
MIXED SOLUTIONS
REFLECTION COEFFICIENT


EPITHELIAL & CONNECTIVE TISSUE
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STRATIFIED
GLANDULAR
SEROUS
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REGULATION
FACTORS
TIGHT
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3 GABA
4 NO REMOVAL
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SOLVENT DRAG
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LOC MB
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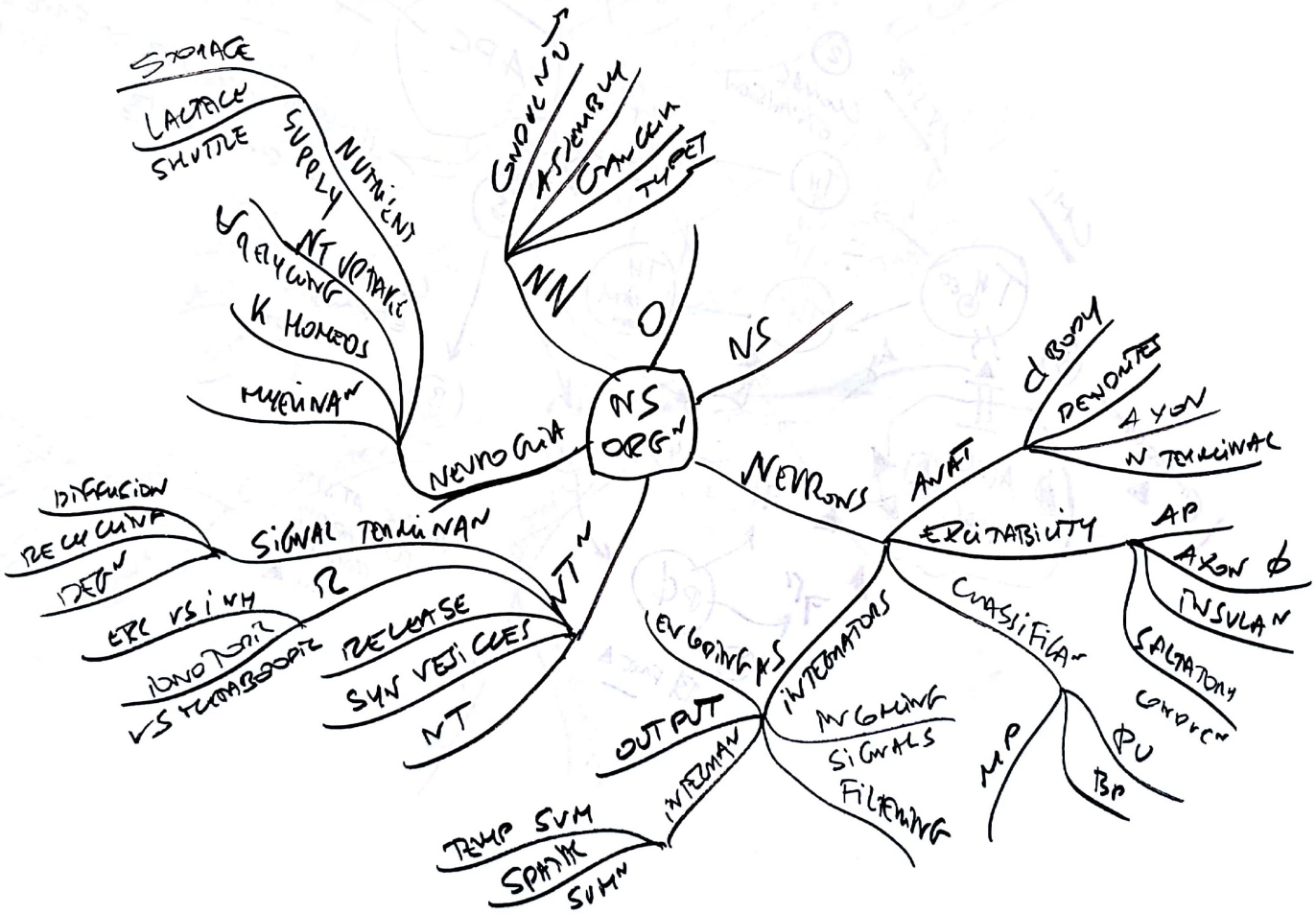
PROPER
SPECIALIZED
TYPES
FIBROBLASTS
SMP
GROUND SUBSTANCE
COL
PLASMA


NS ORGN
NEUROGLIA
STORAGE
LACTATE
SHUTTLE
SUPPLY
NUTRIENT
NT UPTAKE
RECYCLING
K HOMEOS
MACHINARY
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ASSEMBLY
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NS
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d BODY
DENDRITES
AXON
N TERMINAL
EXCITABILITY
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SALTATORY
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ϕU
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SIGNALS
FILTERING
ERGODICITY
OUTPUT
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NT
SIGNAL TERMINAN
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SYN VESICLES
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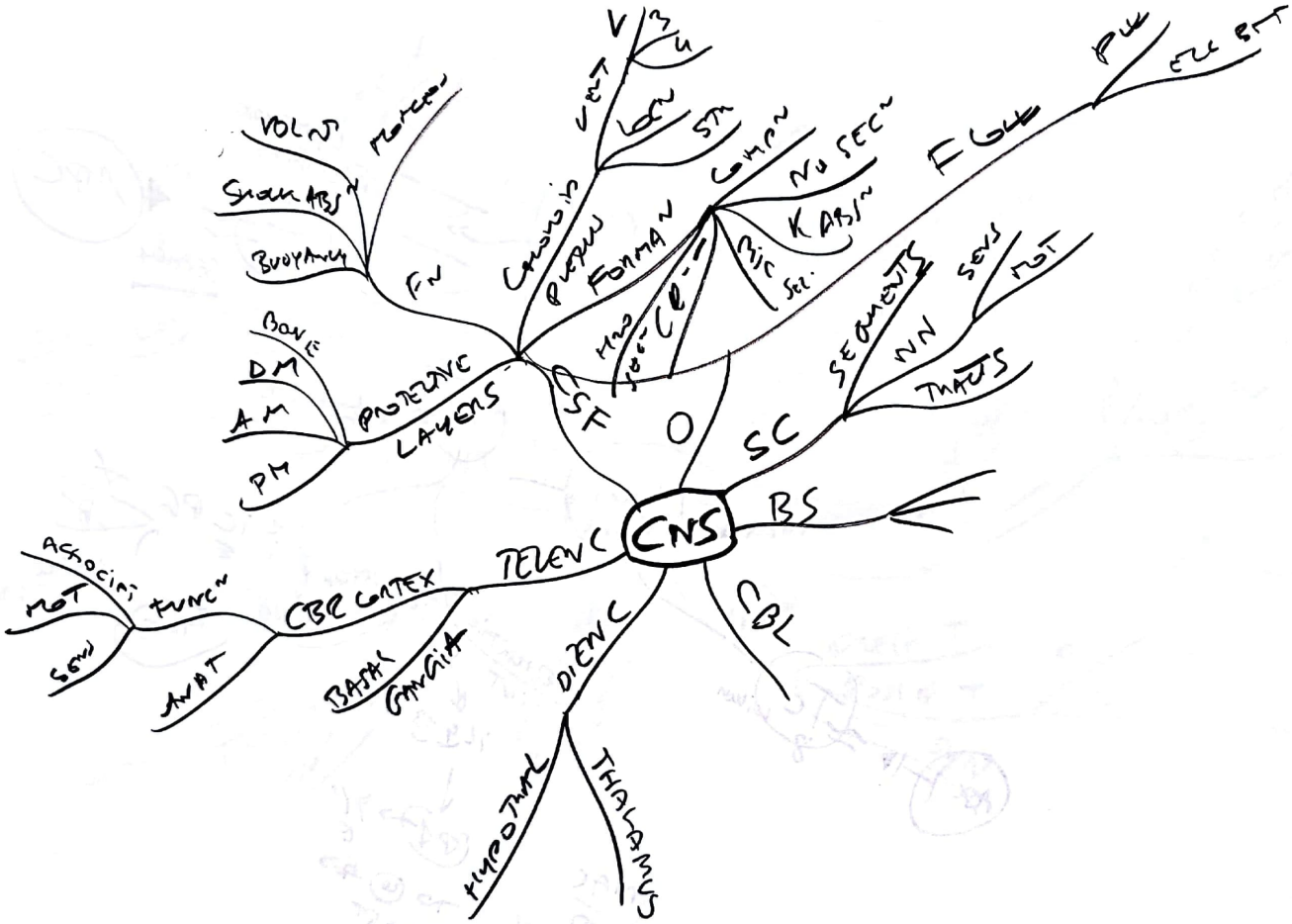
CNS
PNS
SENSORY LAYERS
VOLN
SMOOTH MSCN
BUOYANCY
CEREBRUM
CEREBELLUM
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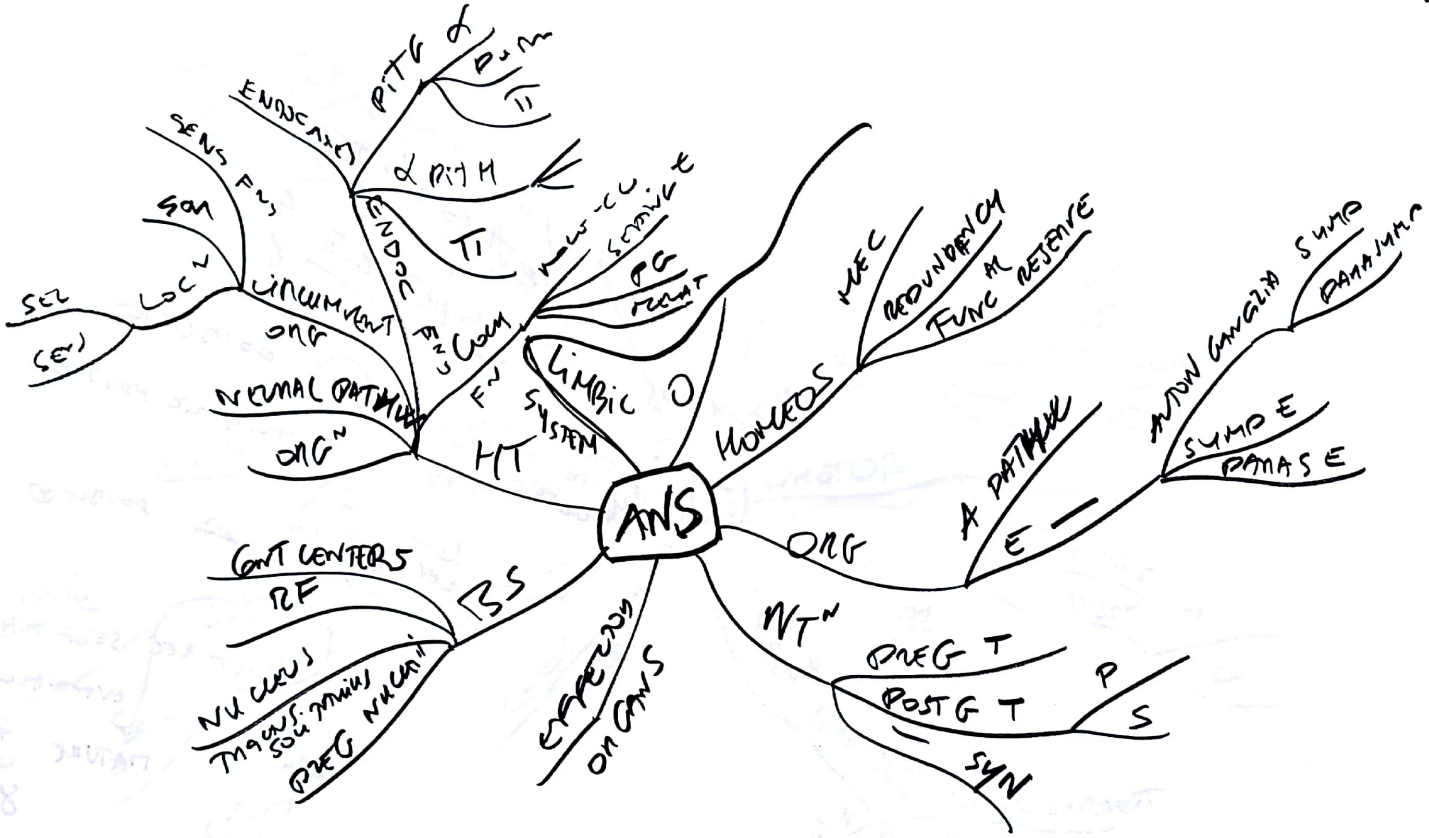
CBR CORTEX
BASAL GANGLIA
HYPOTHAL
THALAMUS
SEGMENTS
NN
THALUS


ANS
LIMBIC
HOMEOS
ORG
NTN
RS
HT
FN
SYSTEM
PITG
ENDOCRINE
SENS FN
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LOCN
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NEURAL PATHWAYS
ORGN
GMT CENTERS
RF
NUCLEUS
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EFFECTORS
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REDUNDANCY
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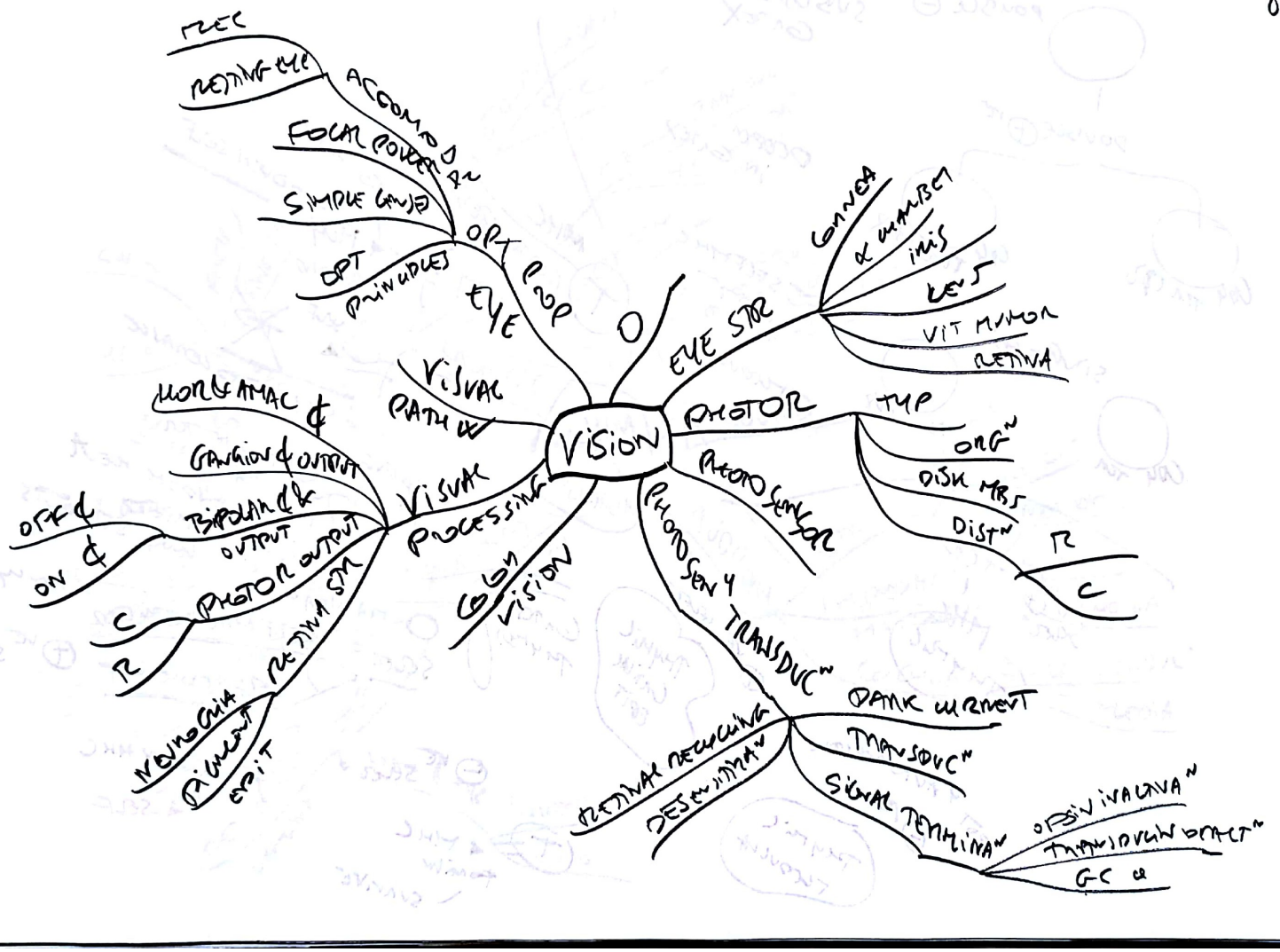
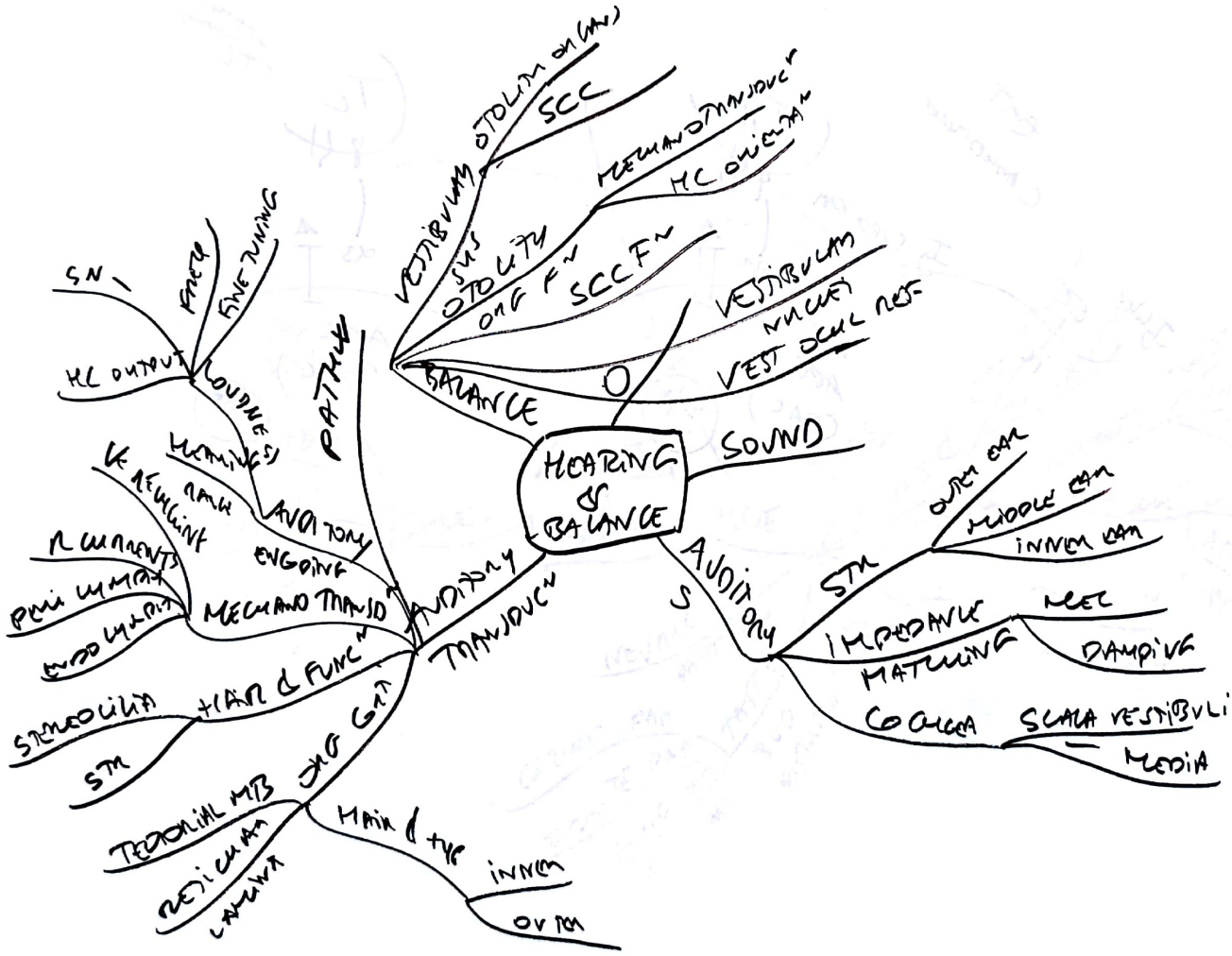

VISION
EYE PROP
OPT
SIMPLE LENS
FOCAL POWER
ACCOMO
RELAXED EYE
REC
OPT PRINCIPLES
VISUAL PATHWAY
VISUAL PROCESSING
RETINA STR
PHOTOR OUTPUT
BIPOLAR
GANGLION
HORIZ AMAC
COLOR VISION
EYE STR
CONEA
CHAMBER
IRIS
LENS
VIT HUMOR
RETINA
PHOTOR
TYP
ORG
DISK MBS
DIST
PHOTOSENSOR
PHOTOSENS
TRANSDUC
DARK CURRENT
TRANSDUC
SIGNAL TERMINA
RETINAL RECEPTIVE


HEARING & BALANCE
SOUND
BALANCE
PATHWAY
AUDITORY
AUDITORY MANAGEMENT
AUDITORY MECHANISMS
AUDITORY PATHWAY
VESTIBULAR
VESTIBULAR MECHANISMS
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MIDDLE EAR
INNER EAR
IMPEDANCE MATCHING
REFLEX
DAMPING
COCHLEA
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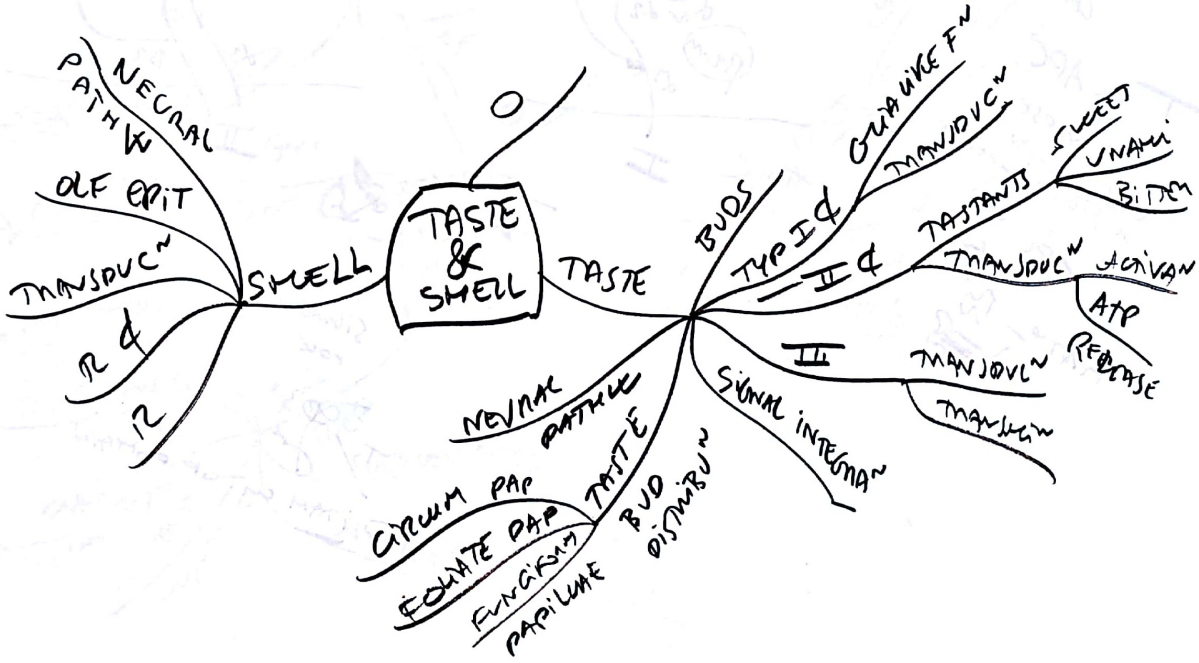
TASTE & SMELL
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NEURAL PATHWAY
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TYPE I &
GUSTATIVE FN
TRANSDUCN
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SWEET
UMAMI
BITTER
TRANSDUCN
ACTIVAN
ATP
RELEASE
TYPE III
TRANSDUCN
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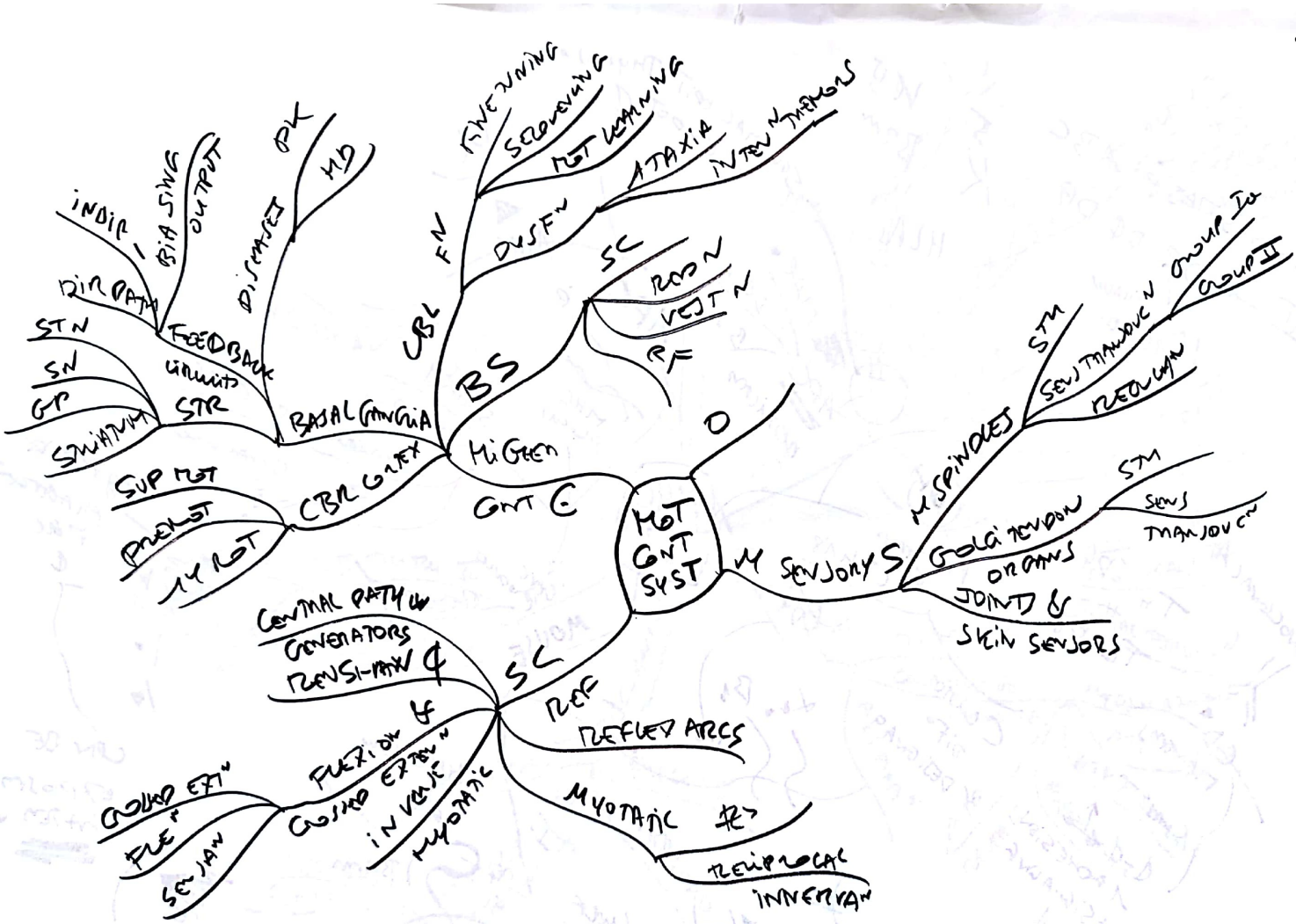
SIGNAL INTEGRAN
NEURAL PATHWAY
CIRCUM PAP
FOLIATE PAP
FUNGIFORM PAPILLAE
TASTE BUD DISTRIBUN


MOT CNT SYST
M SENSORY S
M SPINDLES
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SEC TERMINAL N
GROUP Ia
GROUP II
RECEPTORS
GOLGI TENDON ORGANS
STM
SENS TRANSDUCTION
JOINT & SKIN SENSORS
D
HI CTEX CNT C
BS
CBL FN
FINE TUNING
SEQUENCING
MOT LEARNING
ATAXIA
INTENTION TREMORS
DYSFN
SC
RUBRN
VEST N
RF
BASAL GANGLIA
FEEDBACK CIRCUITS
DIRECT PK
MD
INDIR
BIASING OUTPUT
DIR PATH
STN
SN
GP
STR
SMOOTHING
CBL CORTEX
SUP MOT
PREMOT
M MOT
SC
CENTRAL PATTERN GENERATORS
REFLEX-MEDIATED
FLEXION & CROSSED EXTENSION IN VENTR MYOTATIC
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REFLEX ARCS
MYOTATIC RF
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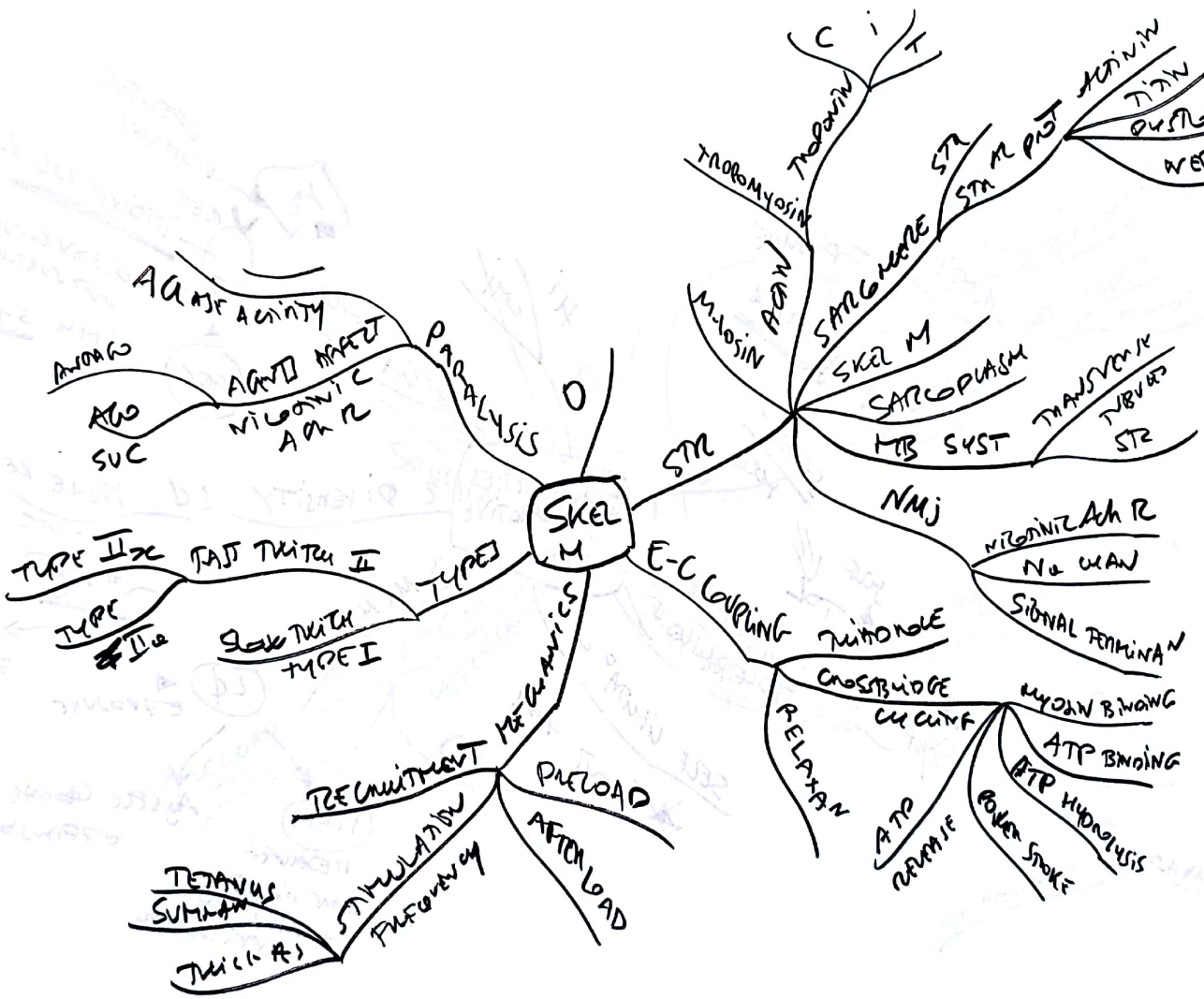
GROUP EXT
FLEX
SENSORY


SKEL M
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SARCOMERE
MYOSIN
ACTIN
TROPOMYOSIN
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STR PROT
ACTININ
TITIN
DYSTROPHIN
NEBULIN
SKEL M
SARCOPLASM
MTB SYST
TRANSVRSE TUBULES
STR
NMJ
NICOTINIC ACh R
Na CHAN
SIGNAL TERMINATN
E-C COUPLING
TROPONIN
CROSSBRIDGE CYCLING
MYOSIN BINDING
ATP BINDING
ATP HYDROLYSIS
POWER STROKE
ATP REQUIRE
RELAXATN
MECHANICS
RECRUITMENT
PRELOAD
AFTERLOAD
STIMULATION FREQUENCY
TETANUS
SUMMATN
TWITCH
PARALYSIS
AChE ACTIVITY
ANIONIC
ACh
SUC
AGONIST
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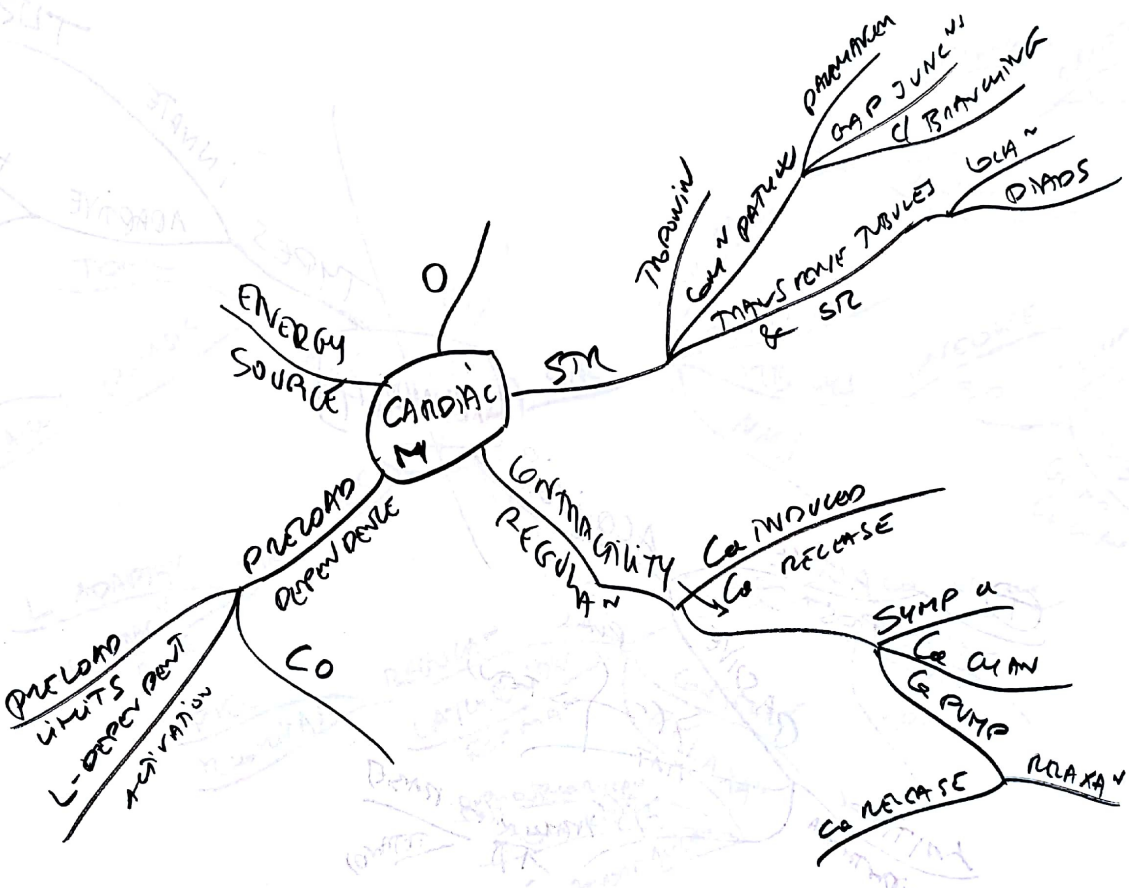
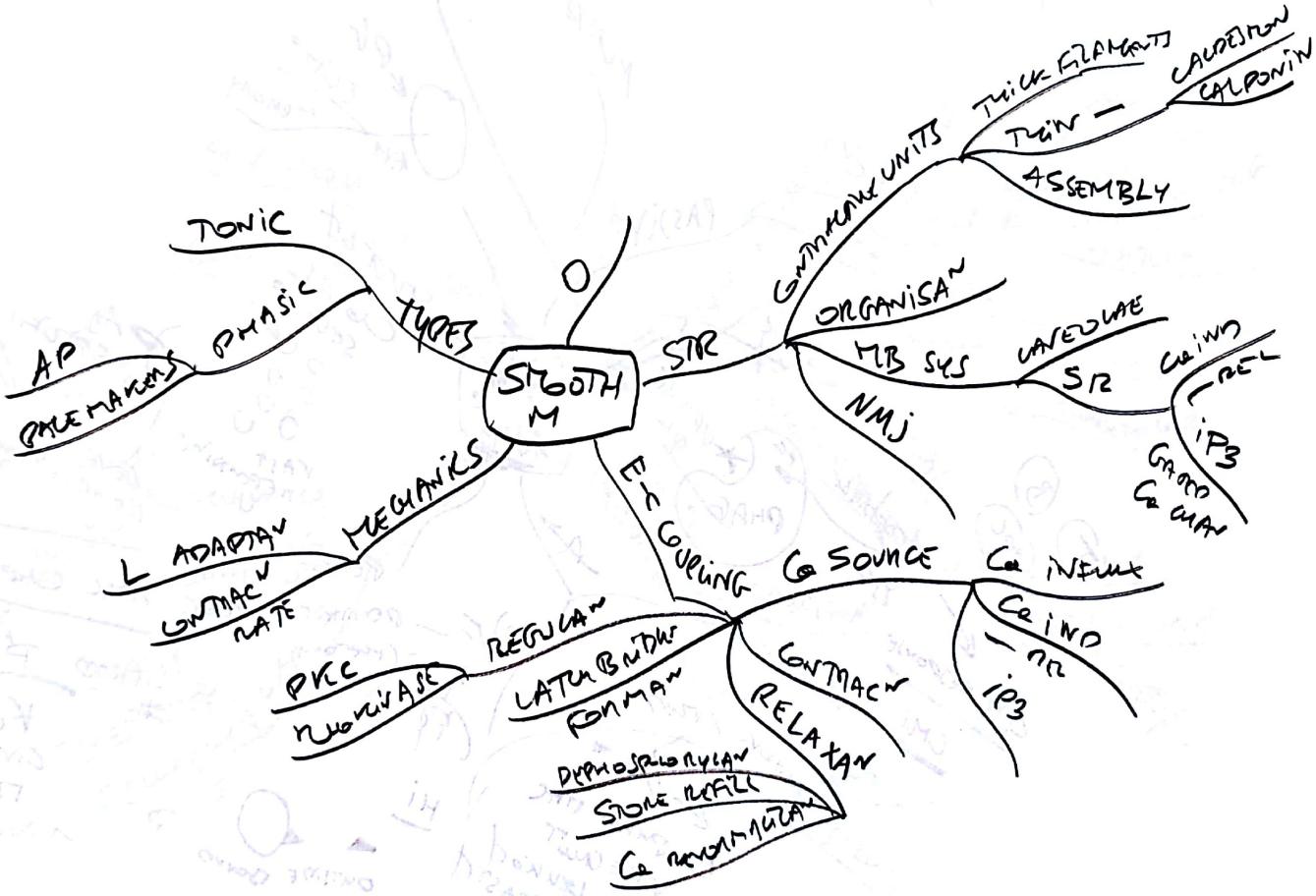
TYPE
TYPE II
FAST TWITCH II
TYPE IIa
SLOW TWITCH TYPE I
O


CARDIAC M
O
ENERGY SOURCE
STR
TROPONIN
CA N PATHWAY
PARAMYOSIN
GAP JUNCTN
C/ BRANCHING
TRANSVERSE TUBULES
& SR
CA N
DYADS
PRELOAD DEPENDENCE
CO
PRELOAD LIMITS L-DEPENDENT ACTIVATION
CONTRACTILITY REGULATN
Ca INDUCED Ca RELEASE
SYMP a
Ca CHAN
Ca PUMP
Ca RELEASE
RELAXATN


SMOOTH M
TYPES
TONIC
PHASIC
AP
PACEMAKERS
MECHANICS
ADAPTAV
CONTRACV
RATE
STR
CONTRACK UNITS
THICK FILAMENTS
CALDESMON
CALPONIN
THIN
ASSEMBLY
ORGANISAN
MB SYS
CAVEOLAE
SR
NMJ
REL
IP3
GPCRS
Ca CHAN
E-C COUPLING
Ca SOURCE
Ca INFLUX
Ca IND
IP3
PKC
MYOSIN KINASE
REGULAN
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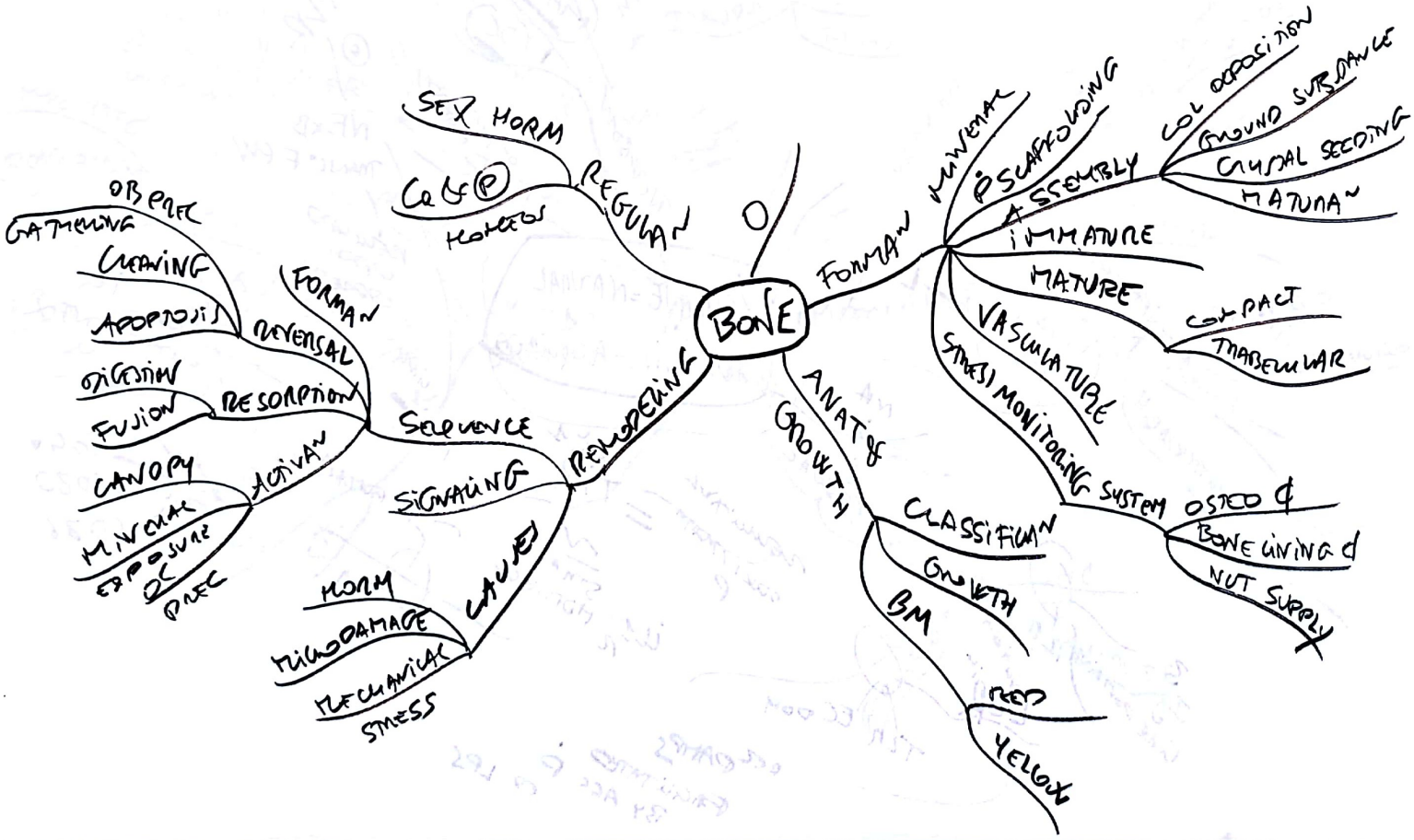
RELAXAN
DEPHOSPHORYLAN
MYOSIN PHOSPHATASE
Ca REMOVAL/SEQUESTRAN


BONE
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SEX HORM
CELL
HORMONES
FORMAN
MESENCHYMAL
SCAFFOLDING
ASSEMBLY
COL DEPOSITION
GROUND SUBSTANCE
CRYSTAL SEEDING
MATURA~
IMMATURE
MATURE
COMPACT
TRABECULAR
VASCULATURE
STRESS MONITORING SYSTEM
OSTEOCYTE
BONE GIVING CELL
NUT SUPPLY
ANATOMY
GROWTH
CLASSIFICATION
GROWTH
BM
RED
YELLOW
REMODELING
SEQUENCE
SIGNALING
CAUSED
HORM
MICRODAMAGE
MECHANICAL
STRESS
REVERSAL
RESORPTION
ACTIVATION
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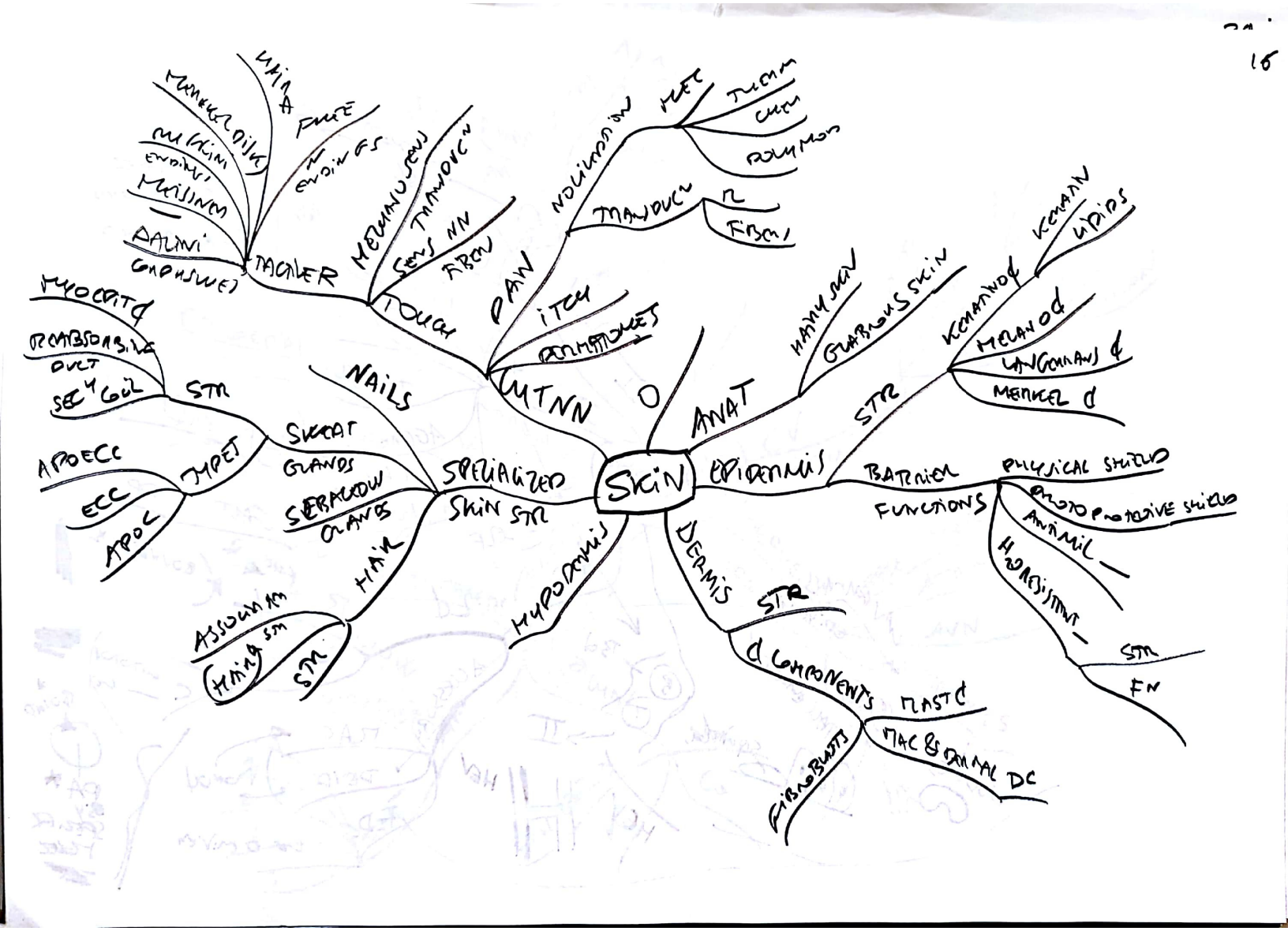
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KERATINOCYTE
MELANOCYTE
LANGERHANS
MERKEL
PALMAR
GLABROUS SKIN
BARRIER FUNCTIONS
PHYSICAL SHIELD
PHOTOPROTECTIVE SHIELD
ANIMAL
HUMAN
STR
FN
DERMIS
STR
COMPONENTS
MAST
MAC & DENDRITIC DC
FIBROBLASTS
HYPODERMIS
SPECIALIZED SKIN STR
SWEAT GLANDS
SEBACEOUS GLANDS
HAIR
ARRECTOR PILI
STR
NAILS
STR
APOCRINE
ECC
APOC
MYOEPITH
SEC & CoL
STR
HISTO
TOUCH
MECHANOSENS
TRANSDUC
SENS NN
AFFER
PAIN
NOCICEPTION
FREE
TRANSDUC
FIBERS
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PROPRIOCEPTORS
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CORPUSCLE
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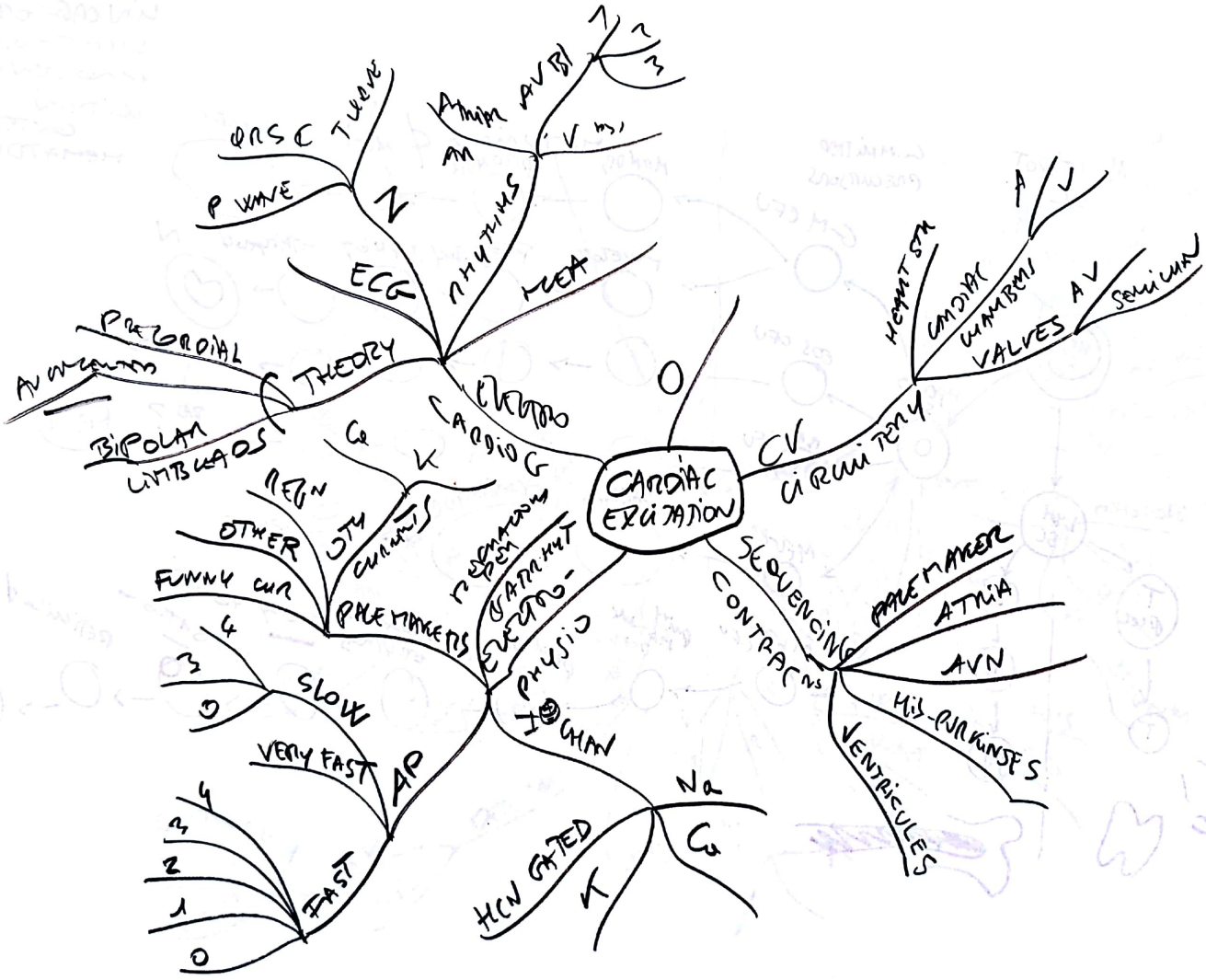
CARDIAC EXCITATION
ECG
QRSC TUNE
P WAVE
ARRHYTHMS
AFIB
AVB
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3
V fib
PEA
THEORY
PRECORDIAL
BIPOLAR LIMB LEADS
CARDIO
PACEMAKERS
FUNNY CUR
OTHER
REGN
CURRENTS
SLOW
VERY FAST
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K
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HCN GATED
CV
CIRCULATORY
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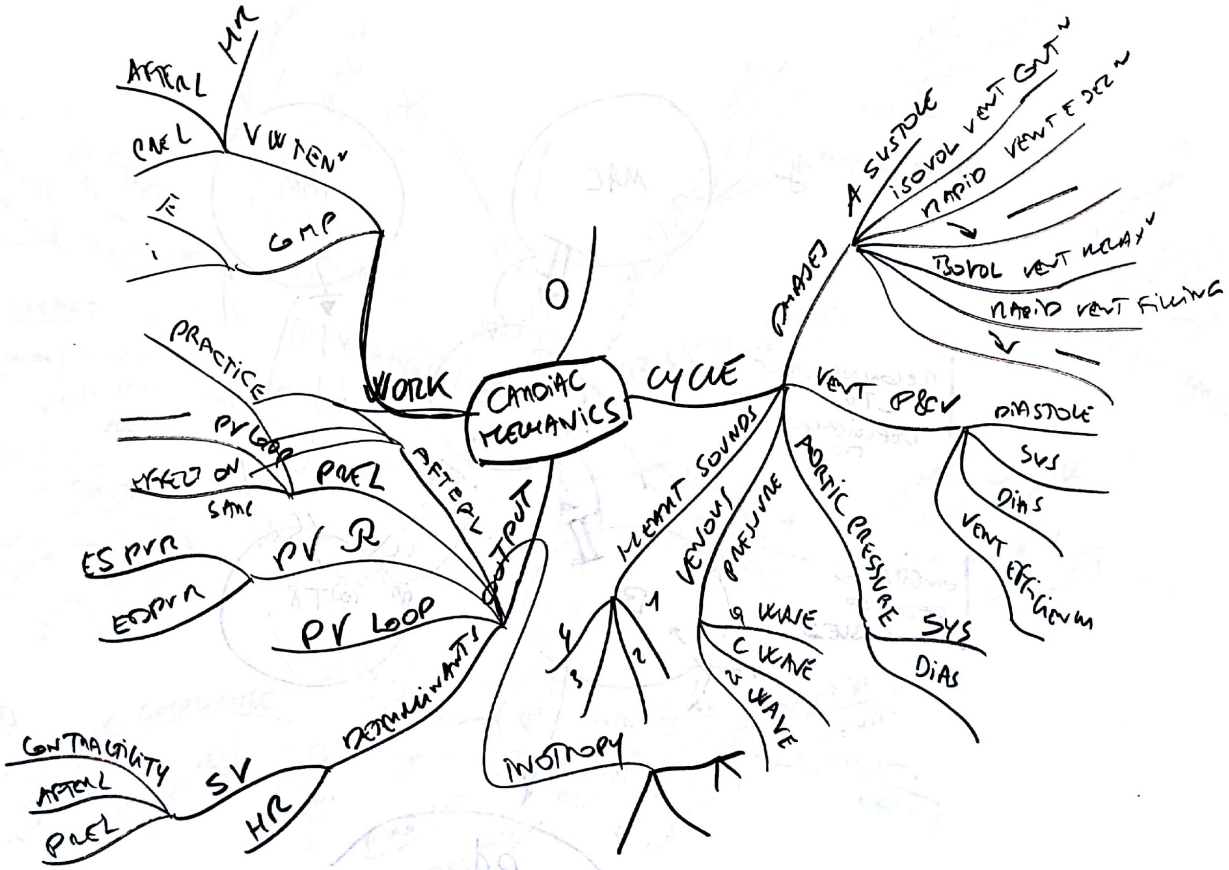
SEMILUNA
CONTRACTS
SEQUENCING
PACEMAKER
ATRIA
AVN
HIS-PURKINJES
VENTRICULES


CARDIAC MECHANICS
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CYCLE
OUTPUT
PRACTICE
PV LOOP
AFTERL
PRELOAD
ESPVR
EDPVR
PV R
PV LOOP
CONTRACTILITY
AFTERL
PRELOAD
SV
HR
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AFTERL
PRELOAL
VOLUMEN
TE
CMP
ISOVOL VENT CONT
RAPID VENT EJECT
ISOVOL VENT RELAX
RAPID VENT FILLING
ATRIAL SYSTOLE
DIASTOLE
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HEART SOUNDS
VENOUS PRESSURE
AORTIC PRESSURE
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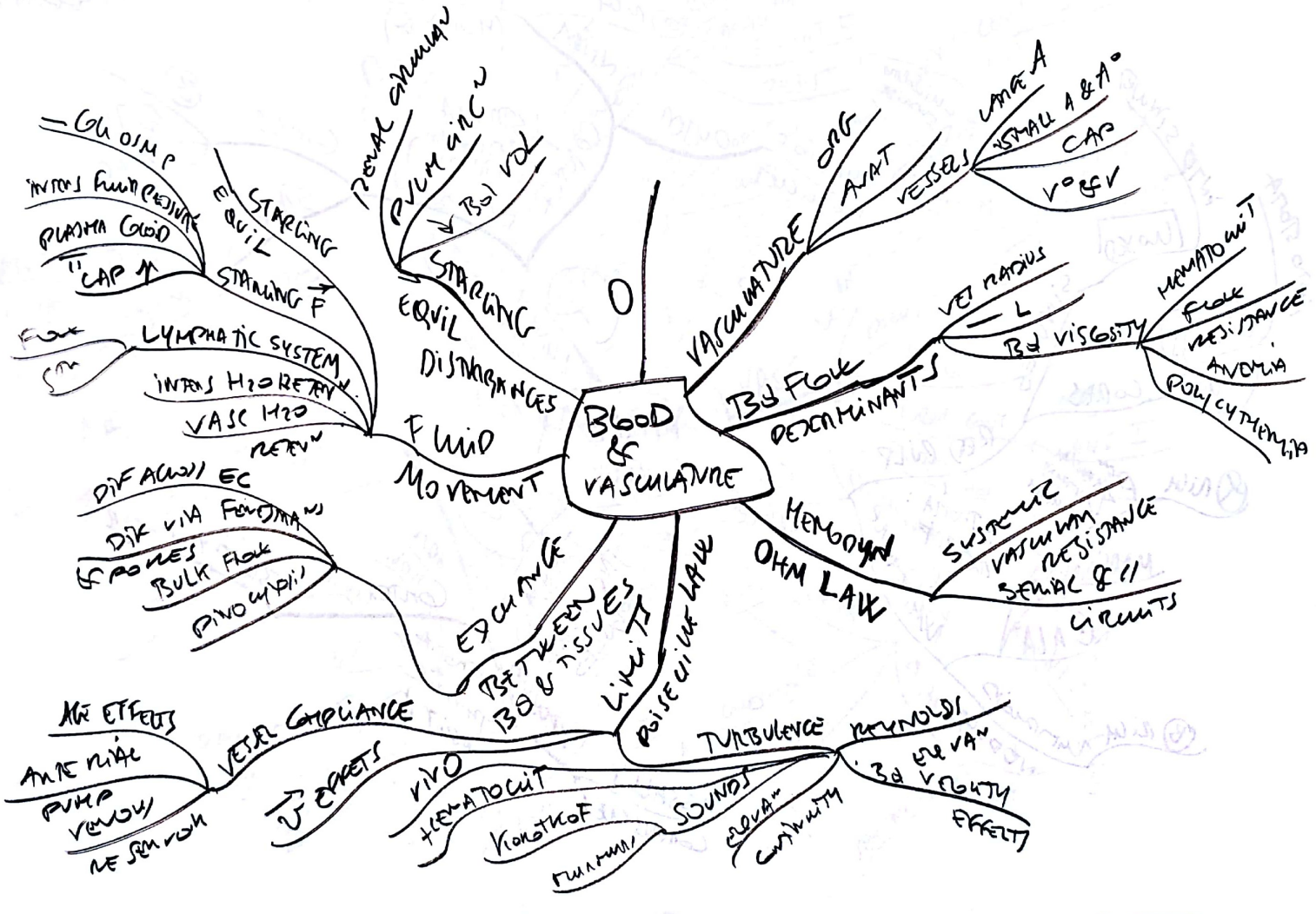
DIAS
INOTROPY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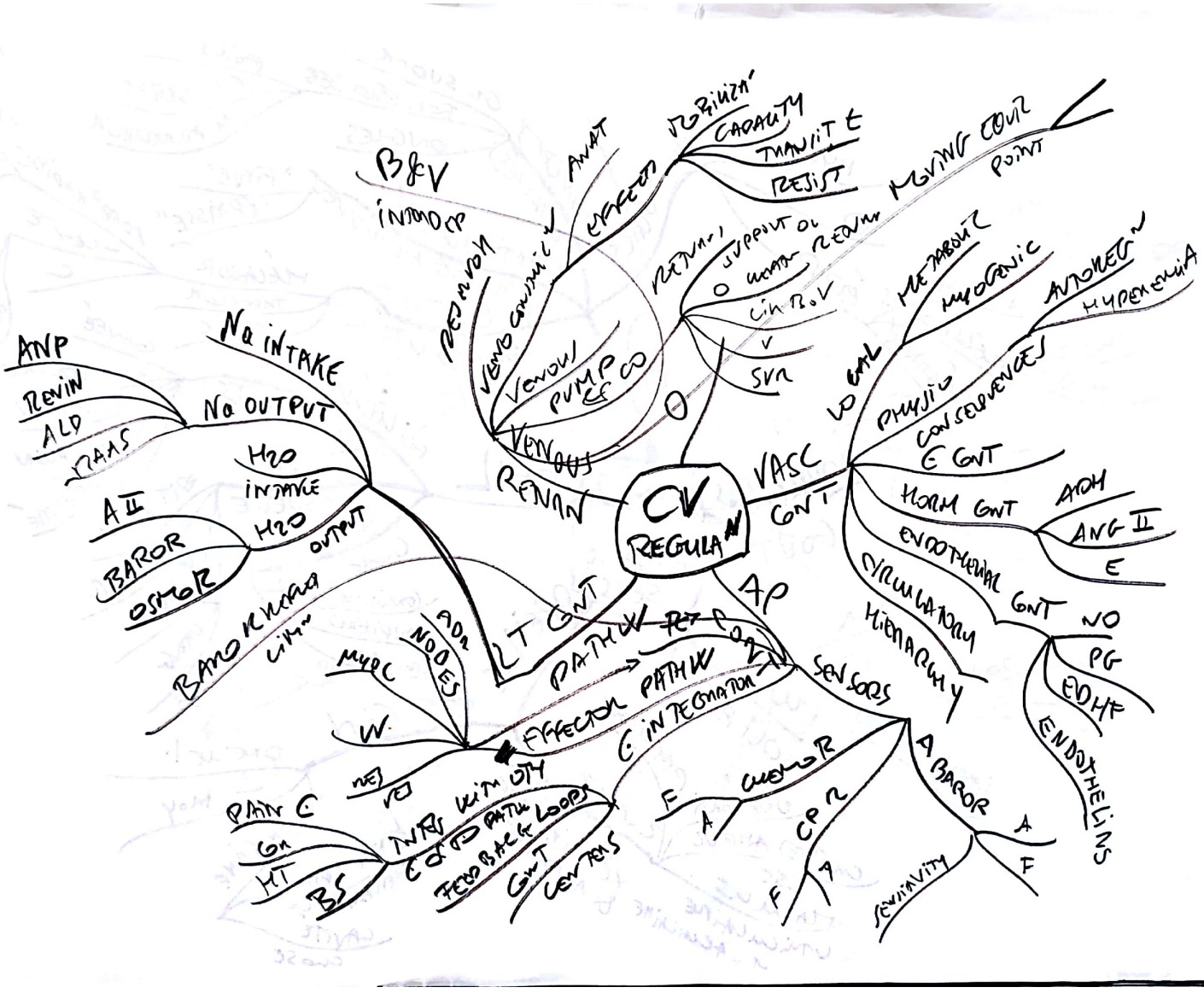
FLUID MOVEMENT
STARLING EQUIL DISTURBANCES
STARLING EQUIL
CAP
LYMPHATIC SYSTEM
DIFFUSION
BULK FLOW
PINOCYTOSIS
EXCHANGE
VASCULATURE
ORG
AVAT
VESSELS
CAPILLARIES
SMALL A & A
CAP
V & V
BY FLOW DETERMINANTS
VEL RADIUS
L
BY VISCOSITY
HEMATOCRIT
FLOW RESISTANCE
ANOMIA
POLYCYTHEMIA
MEMBRANE
OHM LAW
SYSTEMIC VASCULAR RESISTANCE
SERIAL & II CIRCUITS
VESSEL COMPLIANCE
AGE EFFECTS
ARTERIAL
PULMONARY
VENOUS
RESERVOIR
EFFECTS
TURBULENCE
REYNOLDS
BY VELOCITY
EFFECTS
VIVO
HEMATOCRIT
VISCOSITY
SOUNDS
ELEVATION
CONTINUITY
PULMONARY


CV REGULATION
BLOOD VOLUME
INTERCEP
ANAT
EFFECTS
CAPACITY
TRANSIT E
RESIST
MOVING EQUIL POINT
RENAL SUPPORT OF MEAN CIRC P
CIRC V
SVR
VENOUS PUMP EFF
VENOUS RETURN
RENIN
ANP
RENIN
ALD
ANG II
BARO
OSMO
Na INTAKE
Na OUTPUT
H2O INTAKE
H2O OUTPUT
BARO RESET LIM
LT CONT
ADH
NODES
MYOG
W
NEI
VD
PLAS C
GR
HT
BF
INTRINSIC AUTOREG
FEEDBACK LOOPS
CONT CENTERS
EFFECTOR PATHWAY
AFFERENT PATHWAY
INTEGRATION
SENSORS
F
CHEMO R
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A BARO R
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SENSITIVITY
VASC CONT
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LO CAP
METABOLIC
MYOGENIC
AUTOREG
HYPERVOLEMIA
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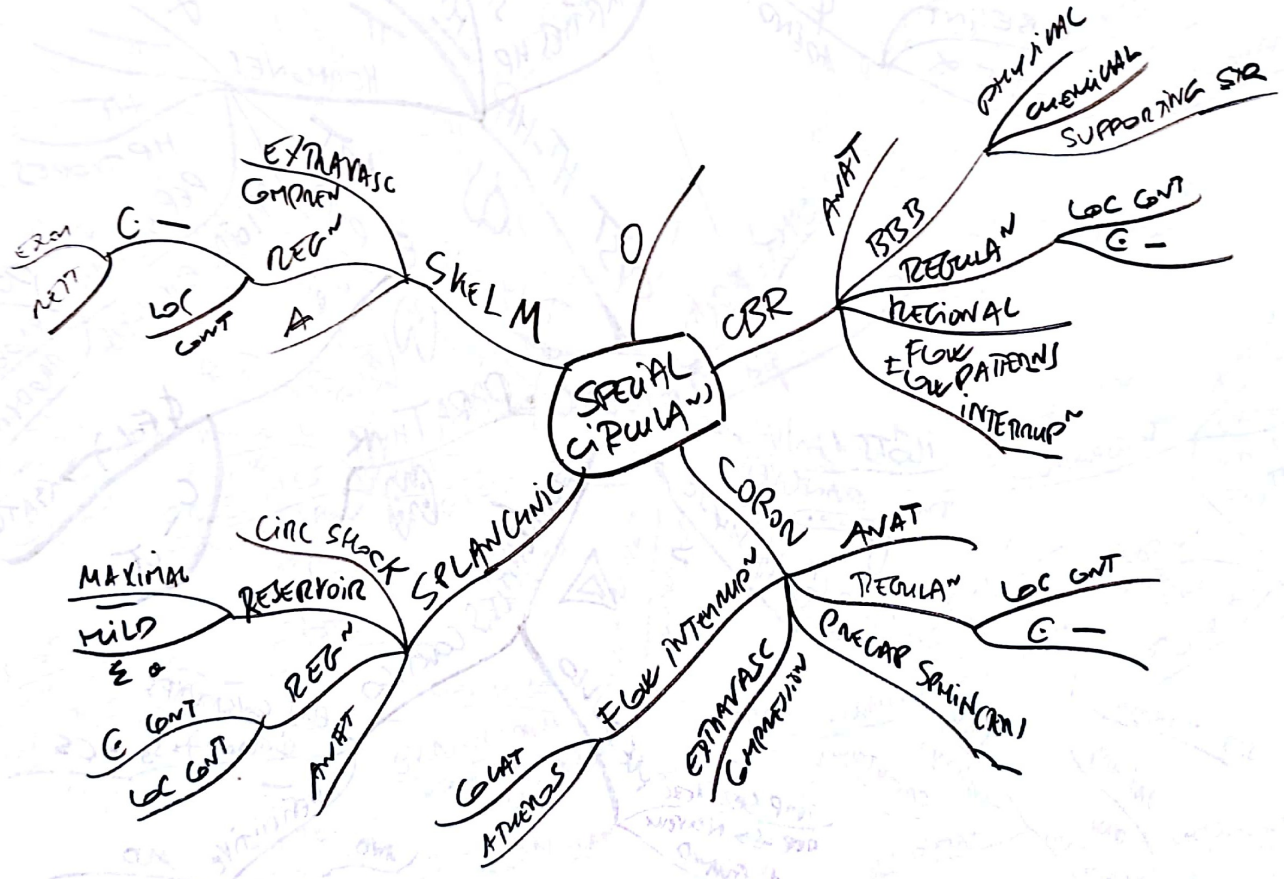
CIRCULATORY HIERARCHY


SPECIAL CIRCULATION
SKELM
EXTRAVASC COMPRESSN
C —
LOC CONT
A
CBR
ANAT
BBB
PHYSIOL
CHEMICAL
SUPPORTING STR
REGULATN
LOC CONT
C —
REGIONAL
FLOW PATTERNS
INTERRUPTN
O
CORON
ANAT
REGULATN
LOC CONT
C —
PRECAP SPHINCTERS
FLOW INTERRUPTN
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CIRC SHOCK
RESERVOIR
MAXIMAL
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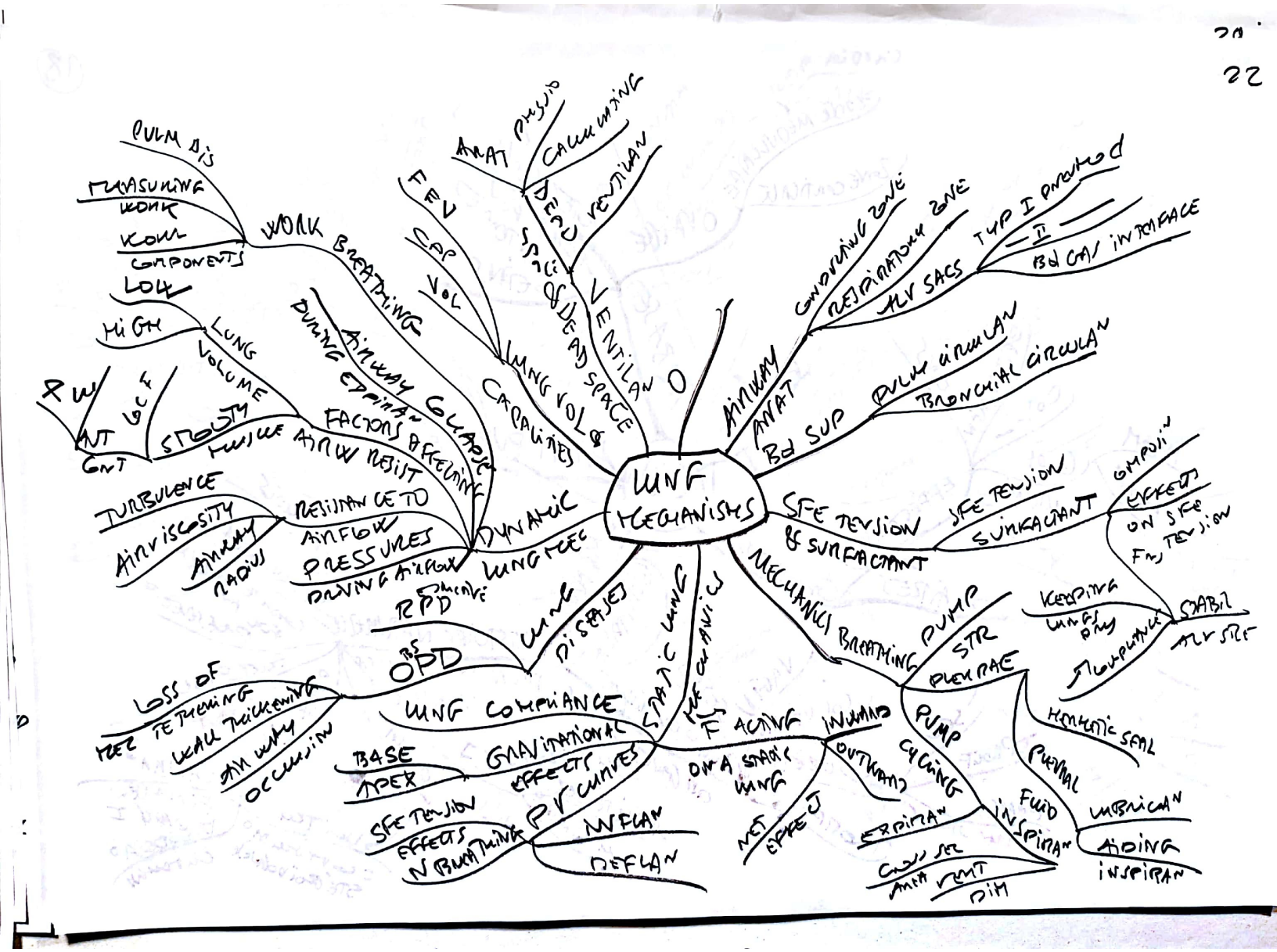
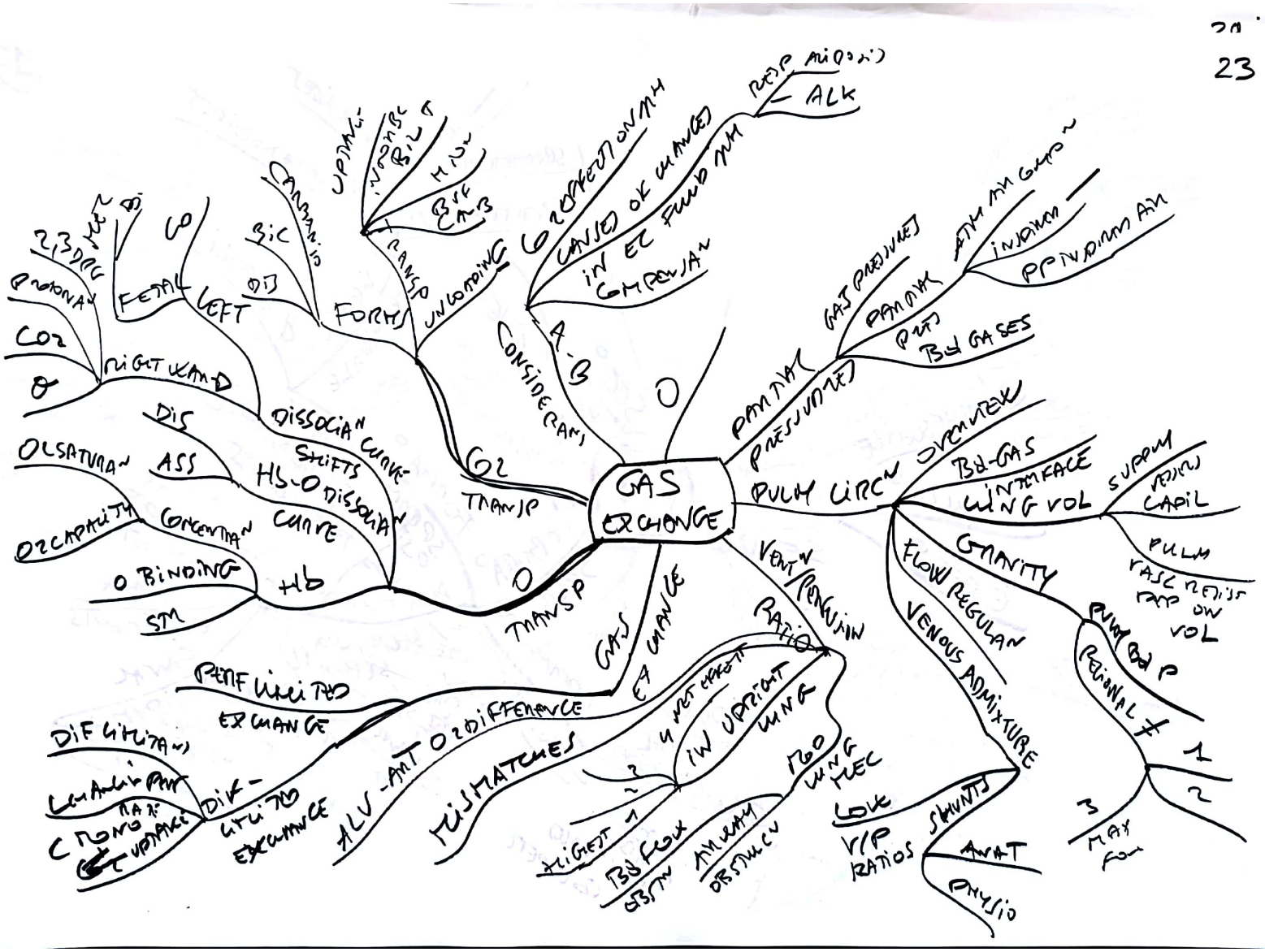
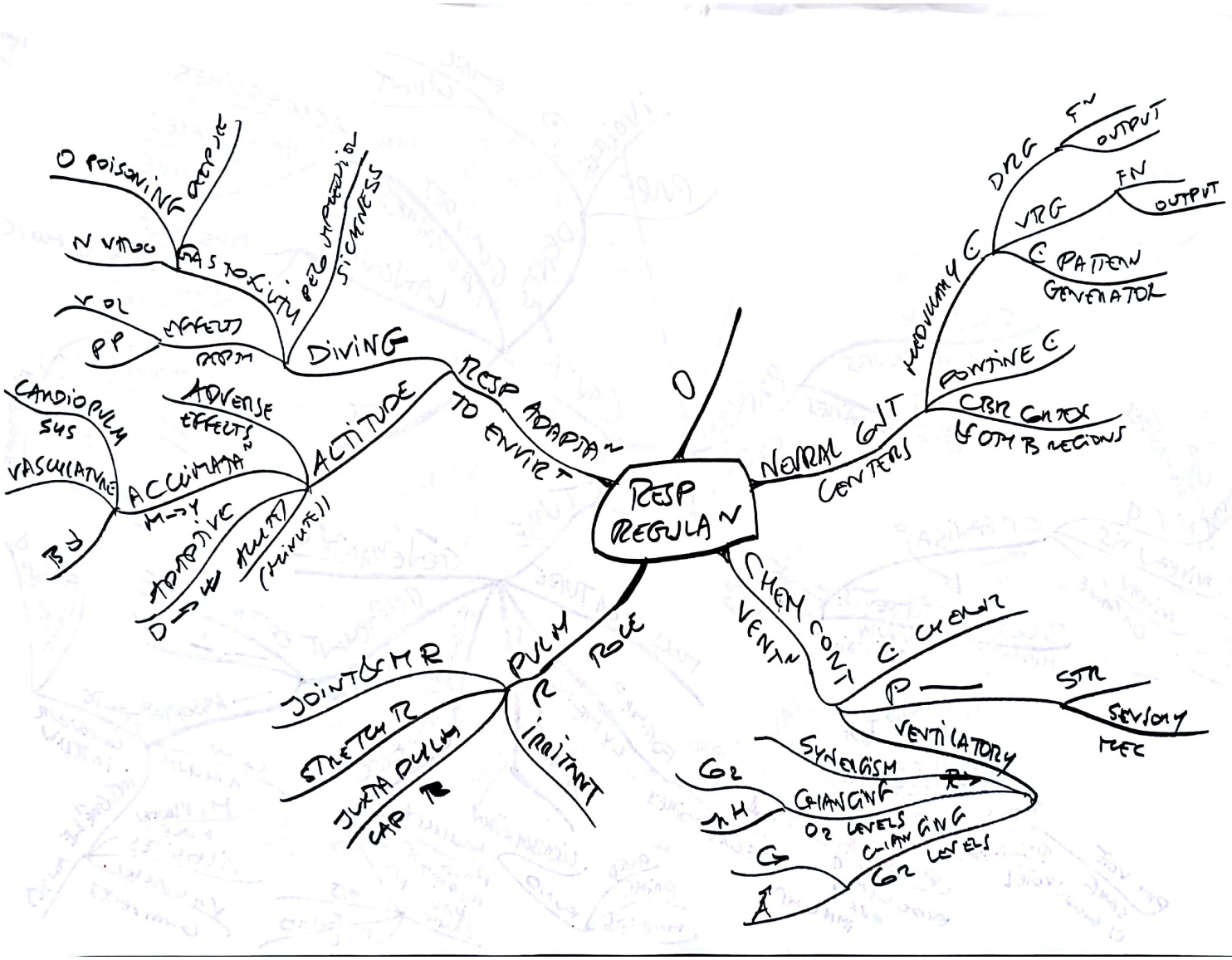
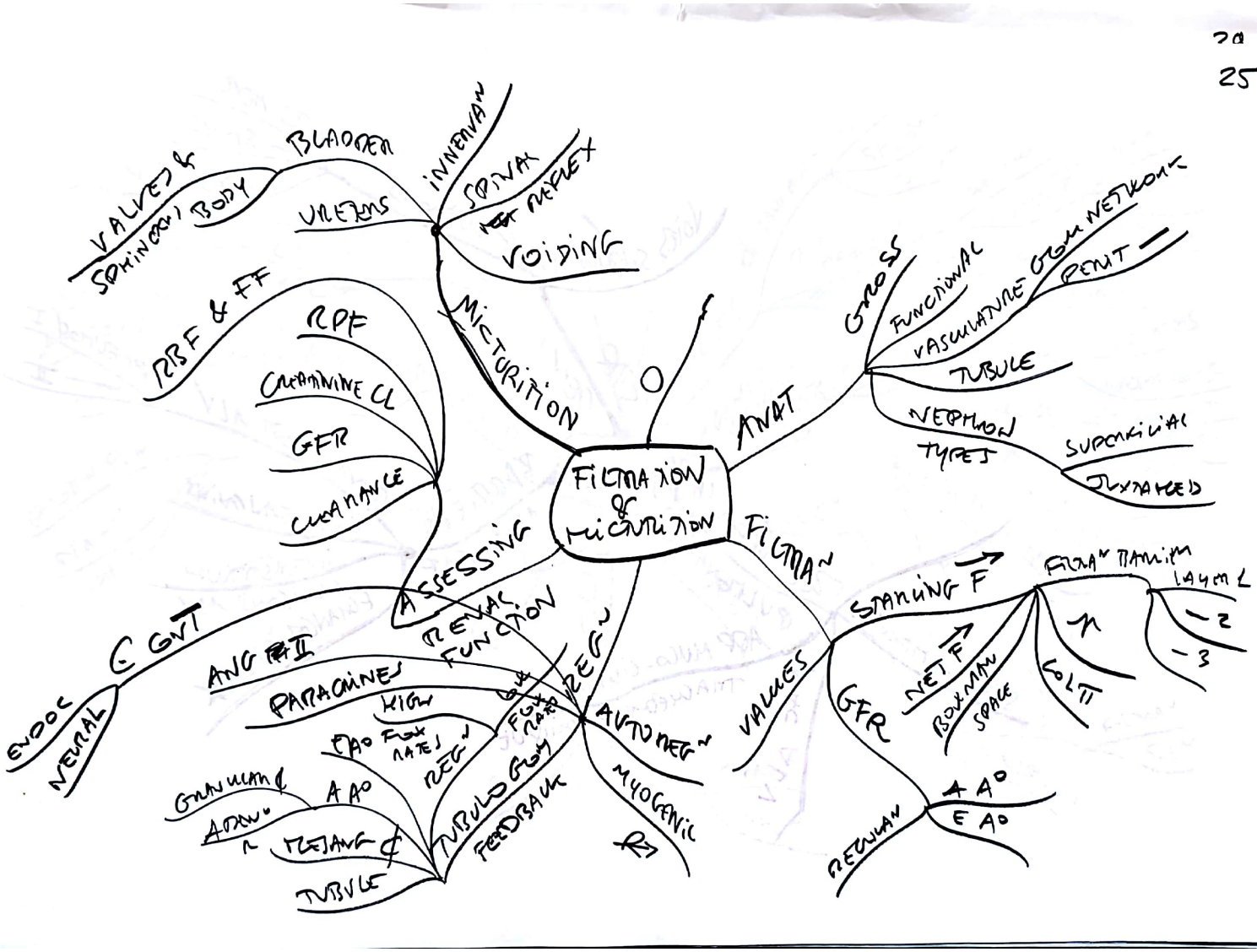
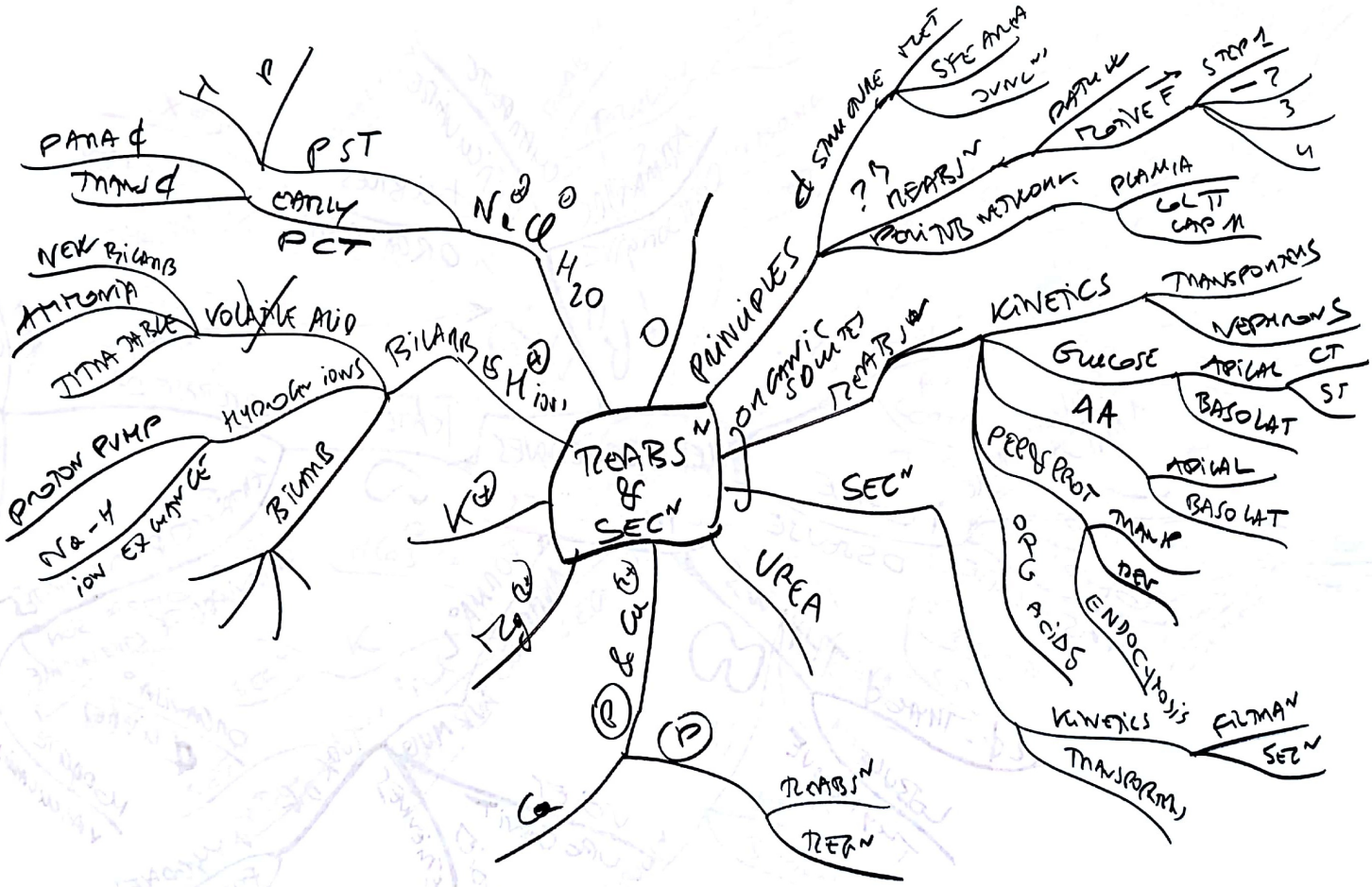
LOC CONT
REGN
ANAT

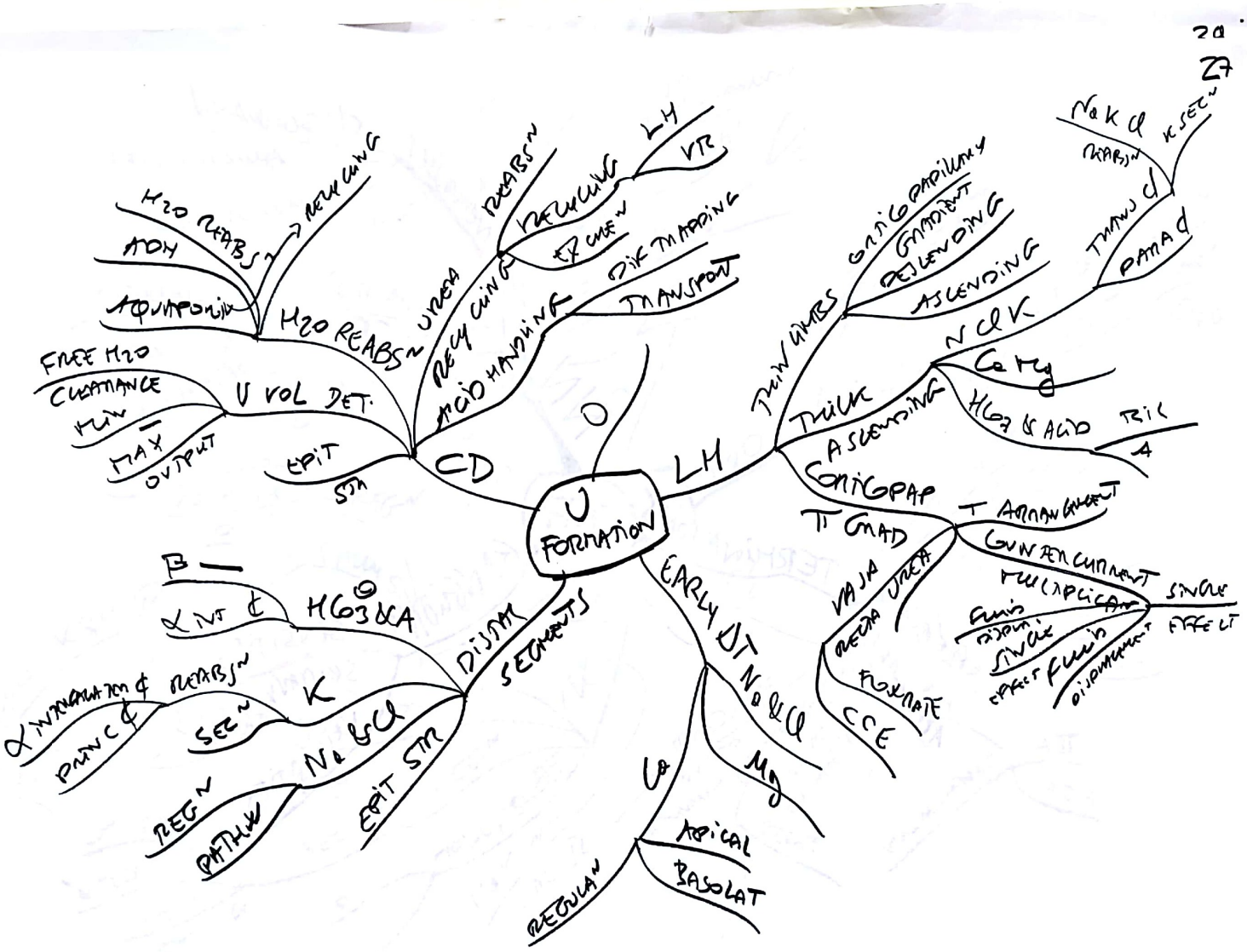

LUNG MECHANISMS
VENTILATION
ANAT PHYSIO
CALCULATING
DEAD VENTILATION
SPACE
FEV
CAP
VOL
LUNG VOLS & CAPACITIES
WORK BREATHING
PULM DIS
MEASURING WORK
WORK COMPONENTS
LOW
HIGH
LUNG VOLUME
AIRWAY GUARDING
DURING EXPIRATION
FACTORS AFFECTING AIRW RESIST
AW RES
INT
GNT
STRUCTM
DYNAMIC LUNG FCC
TURBULENCE
AIR VISCOSITY
AIRWAY RADIUS
RESISTANCE TO AIRFLOW
PRESSURES DRIVING AIRFLOW
RPD
LUNG DISEASES
OPD
LOSS OF ELASTIC RECOIL
LUNG COMPLIANCE
STATIC LUNG MECHANICS
GRAVITATIONAL EFFECTS
BASE
APEX
SFC TENSION EFFECTS IN BREATHING
PV CURVES
INFLAN
DEFLAN
AIRWAY ANAT
CONDUCTING ZONE
RESPIRATORY ZONE
ALV SACS
TYP I PNEUMOCYTE
II
BL GAS INTERFACE
BL SUP
PULM CIRCULAN
BRONCHIAL CIRCULAN
SFC TENSION & SURFACTANT
SFC TENSION SURFACTANT
COMPOSITION
EFFECTS ON SFC TENSION
KEEPING LUNGS DRY
STABIL ALV SIZE
COMPLIANCE
MECHANICS BREATHING
PUMP STR
PLEURAE
PUMP CYCLING
HERMETIC SEAL
PLEURAL FLUID
LUBRICANT
AIDING INSPIRAN
INSPIRAN
EXPIRAN
CHEST WALL ANAT
REST POS
DIM
INWARD OUTWARD
ACTIVE
ON A STATIC LUNG
MET EFFECT

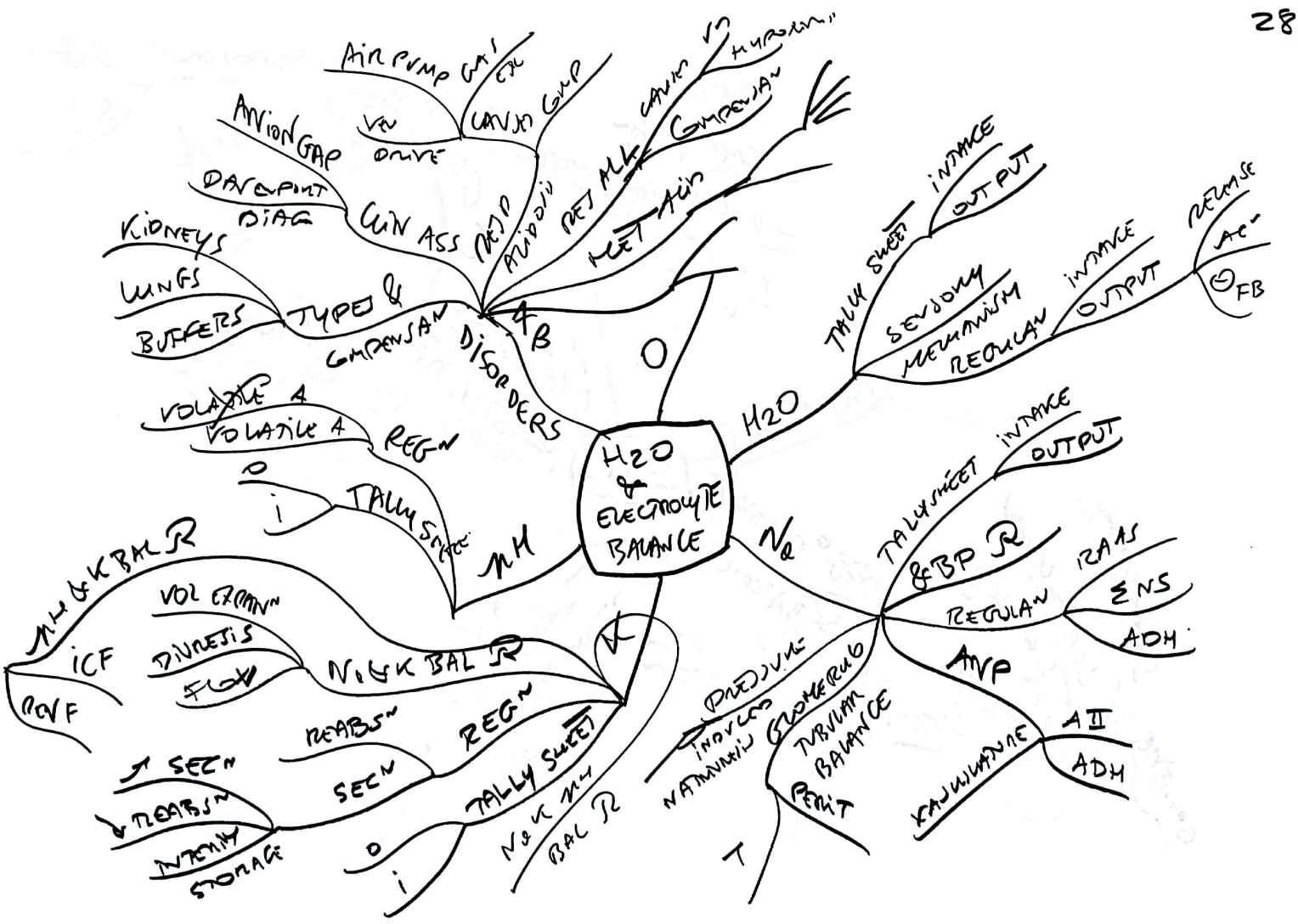

GAS EXCHANGE
PULM CIRCN
OVERVIEW
BB-GAS
INTERFACE
LUNG VOL
GRAVITY
FLOW REGULAN
VENOUS ADMIXTURE
VENT/PERFUSION
RATIO
PULM CAPIL
PULM VASC RESIST
PULM BP
PERIPHERAL
PARTIAL PRESSURES
GAS PRESSURES
ATM AIR GAS
ALV
ARTERIAL
CONSIDERATIONS
A-a
O
CO2
TRANSP
FORMS
DISSOCIAN CURVE
SHIFTS
HB-O DISSOCIAN CURVE
HB
RIGHT WARD
LEFT
FETAL
DIFFUSION
PERF LIMITED EXCHANGE
DIFF LIMITED EXCHANGE
ALV-ART O2 DIFFERENCE
MISMATCHES
SHUNTS
V/P RATIOS
LOW V/Q
HIGH V/Q
ANATOMIC
PHYSIO

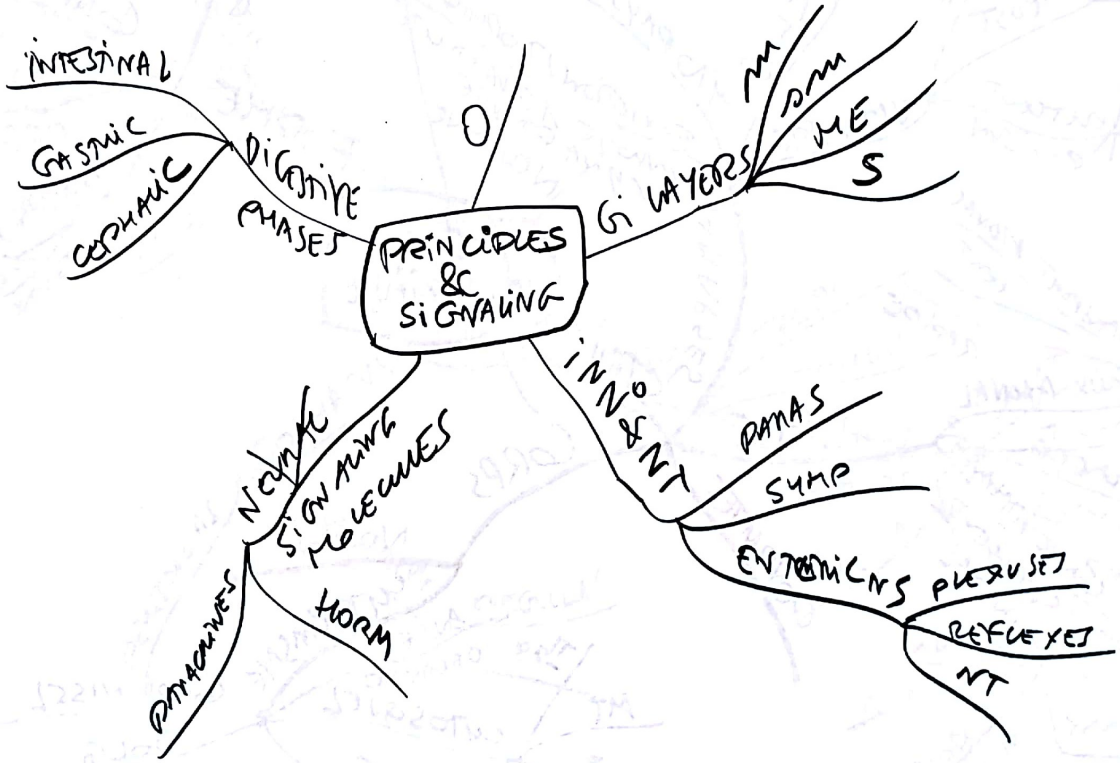

RESP REGULATN
O
NEURAL CNT CENTERS
RESP ADAPTATN TO ENVIRT
ROLE
CHEM CONTR VENTN
DIVING
ALTITUDE
ACCLIMATN
O poisoning
N narco
Gas toxicity
Pco2 impairs
sickness
V dl
PP
Effects
depth
Adverse effects
Cardiopulm sys
Vasculature
RBC
Adaptive
Duration
(minutes)
Joint/CM R
Stretch R
Juxta pulm cap R
Pulm R
Irritant
Medullary C.
DRG
FN
OUTPUT
VRG
FN
OUTPUT
C pattern generator
Pontine C.
CBR cortex
& other regions
C. chemo R
P
STR
Sensory
Mec
Ventilatory
Synergism
Changing
O2 levels
Changing
O2 levels
O2
NH
C
A

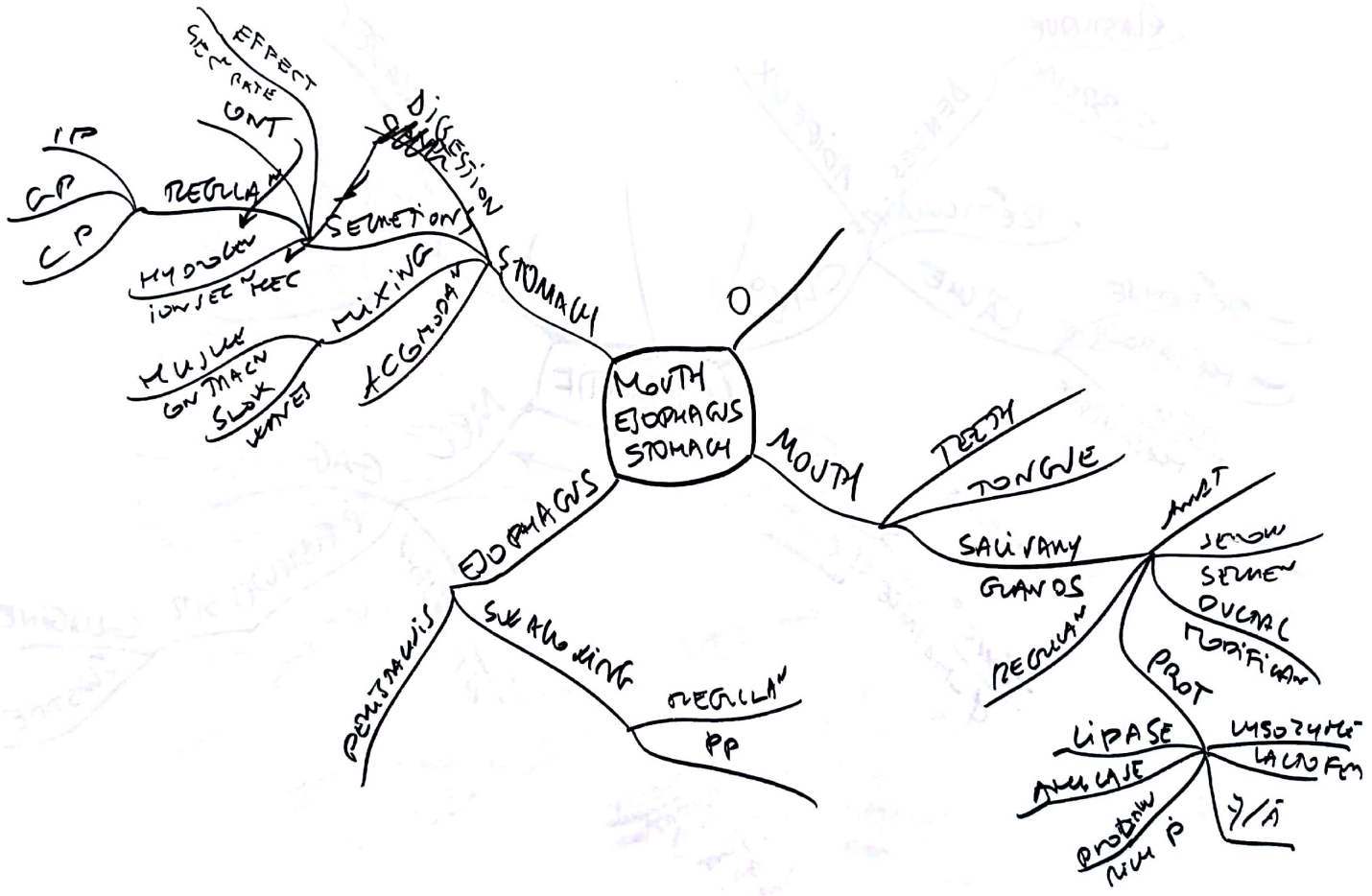

FILTRATION & MICTURITION
ANAT
GROSS
FUNCTIONAL
VASCULATURE
GLOM NETWORK
RENAL
TUBULE
NEPHRON TYPES
SUPERFICIAL
JUXTAMED
FILTRAN
STARLING F
FILTRAN BARRIER
LAYER
GFR
NET F
BOWMAN SPACE
COLL
RENALAN
AAO
EAO
MICTURITION
VOIDING
SPINAL REFLEX
INNERVAN
BLADDER
VALVES & SPHINCTERS
BODY
ASSESSING
RBF & FF
RPF
CLEARANCE
GFR
CLEARANCE
RENAL FUNCTION
ENDOC
NEURAL
GVT
ANG II
PARACRINES
HIGH
EAO FILTRATE
REG
GRANULAR
AFF
TUBULE
TUBULOGLOM FEEDBACK
AUTOREG
MYOGENIC


REABS & SECN
PRINCIPLES
KINETICS
SECN
UREA
PASSIVE
ACTIVE
PCT
PST
PARA
TRANS
EARLY
NEW BICARB
AMMONIA
TITRATABLE
VOLATILE ACID
BICARB
PROTON PUMP
NA-H ION EXCHANGE
BICARB
GLUCOSE
AA
PEPTIDES
ORG ACIDS
ENDOCYTOSIS
TRANSPORTERS
NEPHRONS
APICAL
BASOLAT
CT
ST
PLASMA
CONC
FILTRATION
TRANSFORM

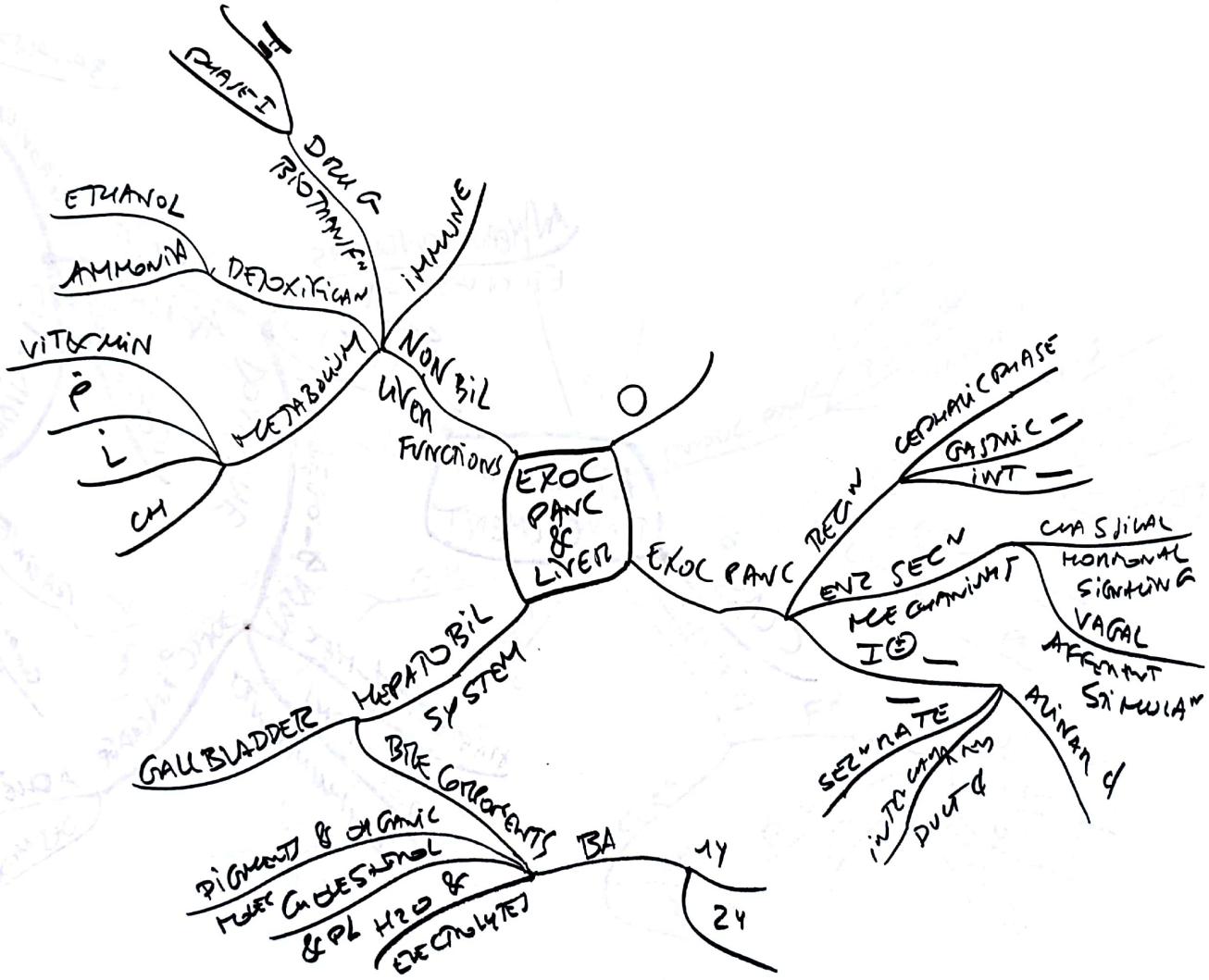

U FORMATION
CD
LH
DCT
EARLY DT
H2O REABS
FREE H2O CLEARANCE
V VOL DET.
MAX OUTPUT
EPIT STR
UREA RECYCLING
H+ SECRN
NH4
H2O REABS
NEUTRALIZING
K REABSN
LH
VTR
DIK MAPPING
ION TRANSPORT
THICK ASCENDING
THIN LIMBS
DESCENDING
ASCENDING
CORTICOPAP
TI GRAD
T ARRANGEMENT
COUNTERCURRENT
MULTIPLICATION
SINGLE EFFECT
VASA RECTA
UREA
FLOW RATE
CCE
Na K CL
K SECRN
REABSN
PAPILLARY
Ca
Mg
HCO3 & ACID
TRIC A
EARLY DT
Na & Cl
Mg
Ca
APICAL
BASOLAT
REGULATN
K
SECRN
Na & Cl
REGN
PATHWAY
EPIT STR
DISTAL SEGMENTS
HCO3 & CA
INT &
INTERCALATION &
PRINC &
REABSN

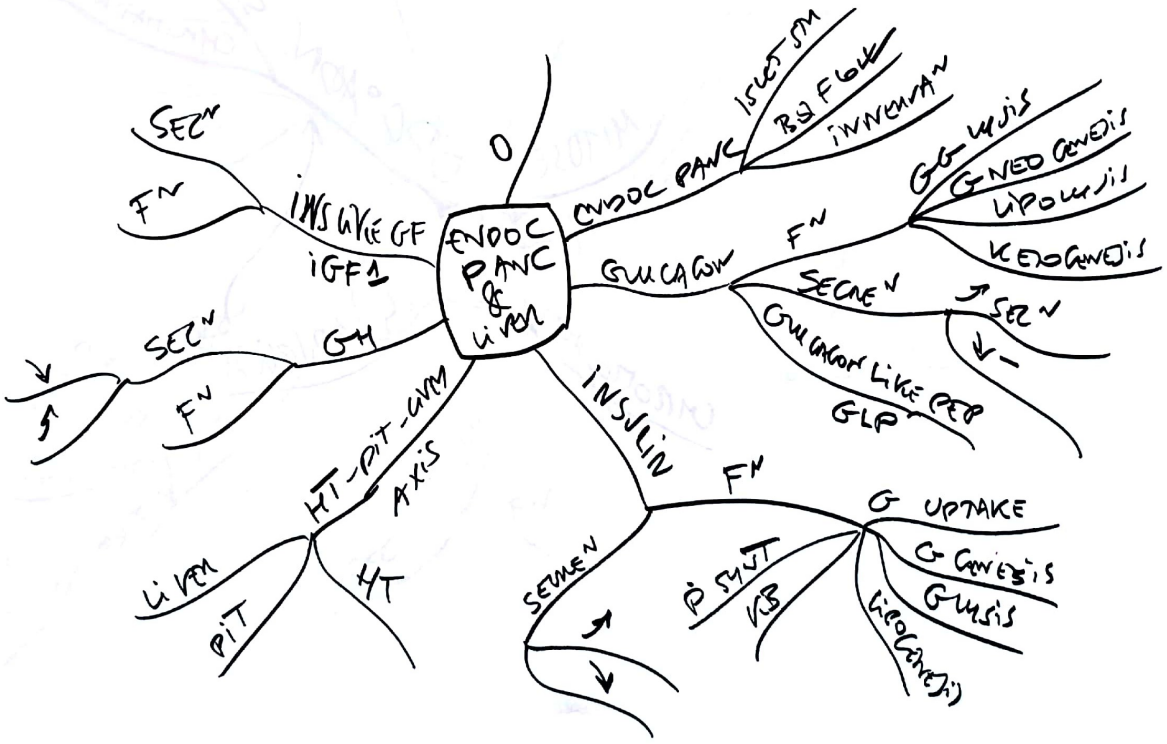

H2O & ELECTROLYTE BALANCE
H2O
TALLY SHEET
INTAKE
OUTPUT
SENSORY MECHANISM
REGULAN
INTAKE
OUTPUT
RELEASE
ACTION
FB
Na
TALLY SHEET
INTAKE
OUTPUT
& BP
REGULAN
RAAS
ENS
ADH
AVP
AII
ADH
XANTHURENIC
K
PREDOMINANT
INDUCES
NATRIURESIS
GLOMERULO
TUBULAR
BALANCE
PERMIT
T
Na & K BAL
ICF
ECF
VOL EXPANN
DIURETICS
FLOW
Na & K BAL
REABSN
SECN
REGN
SECN
REABSN
INTERNAL
STORAGE
TALLY SHEET
Na & K BAL
D
i
TALLY SHEET
D
i
VOLATILE A
VOLATILE A
REGN
TALLY SHEET
Mg
Ca
AB
O
DISORDERS
TYPES & COMPENSAN
LUNGS
BUFFERS
KIDNEYS
DAIG
DAIG
ANION GAP
Cl/N ASS
RESP ACIDOSIS
RET ACIDOSIS
MET ALK
COMPENSAN
CANNOT V
HYPOXEMIA
COMPENSAN
MET ACID
AIR PUMP
CAN'T
EXC
VEN
DRIVE
CANNOT GAP

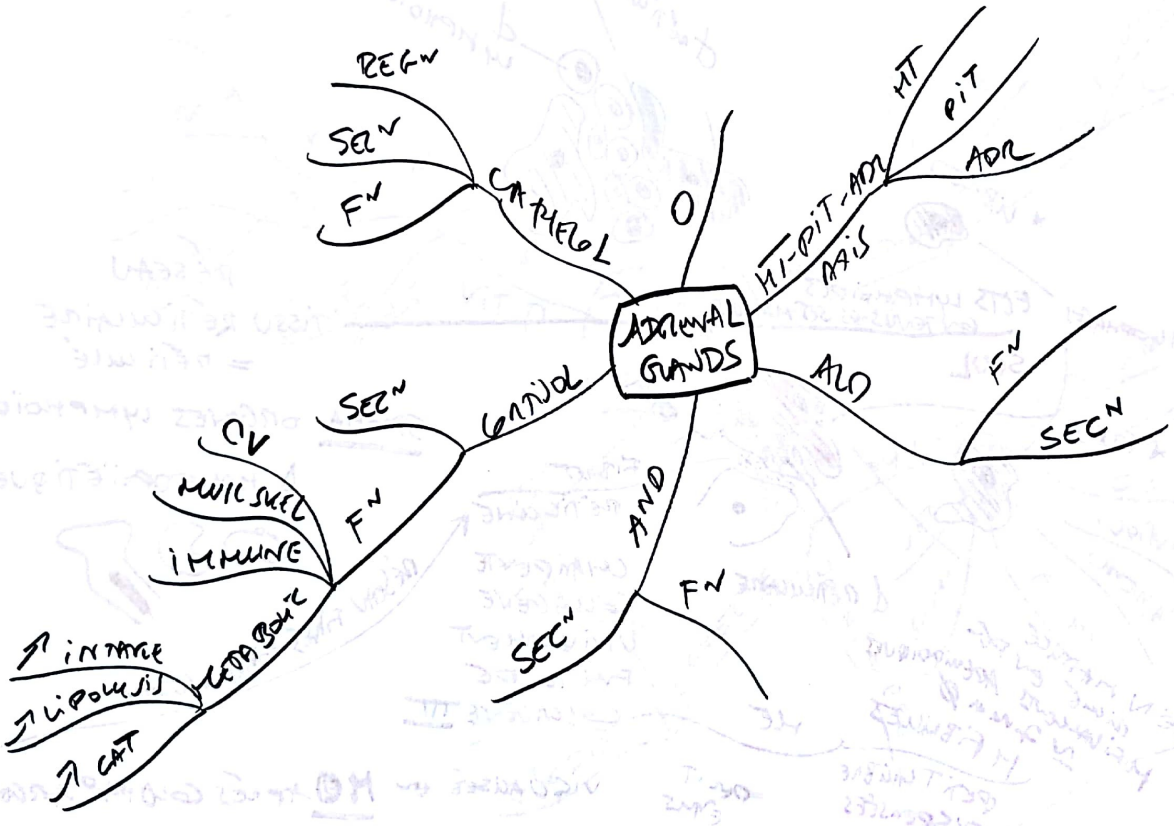

PRINCIPLES & SIGNALING
DIGESTIVE PHASES
INTESTINAL
GASTRIC
CEPHALIC
GI LAYERS
MM
SMM
ME
S
INNERVATION
PARAS
SYMP
ENTERICNS
PLEXUSES
REFLEXES
NT
NEURAL
SIGNALING MOLECULES
HORM
PARACRINES

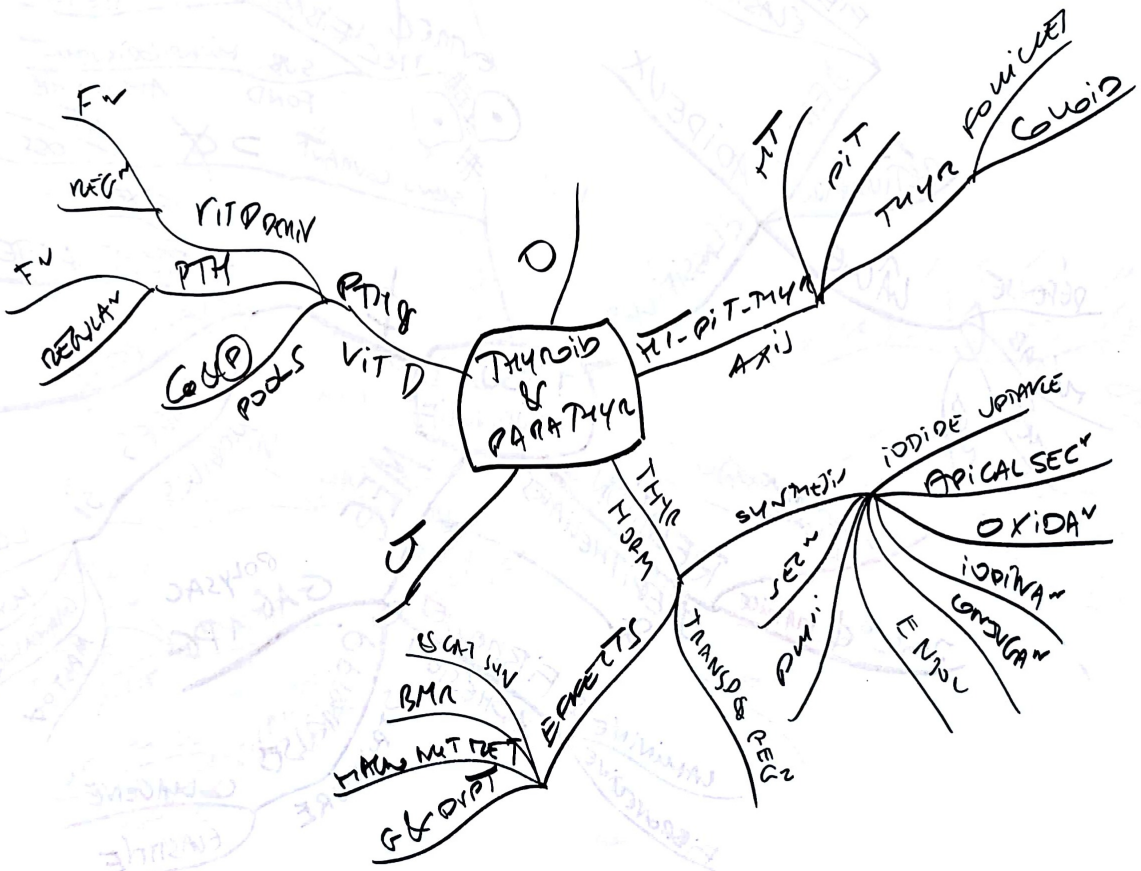

MOUTH
EJOPHAGUS
STOMACH
MOUTH
TEETH
TONGUE
SALIVARY GLANDS
AMAT
JENOW
SEMEN
OVCARL
MODIFICAM
REGULAM
PROT
LIPASE
AMYLASE
PROTEIN
NUM P
LYSOZYME
LACTOFE
Y/A
EJOPHAGUS
SWALLOWING
REGULAM
PP
PERISTALSIS
STOMACH
DIGESTION
SECRETION
REGULAM
IP
CP
CP
EFFECT
SECRETE
ONT
HYDROGEN
IONS EC TEC
MIXING
ACCMODAM
MUSCLE
CONTRACN
SLOW
WAVES

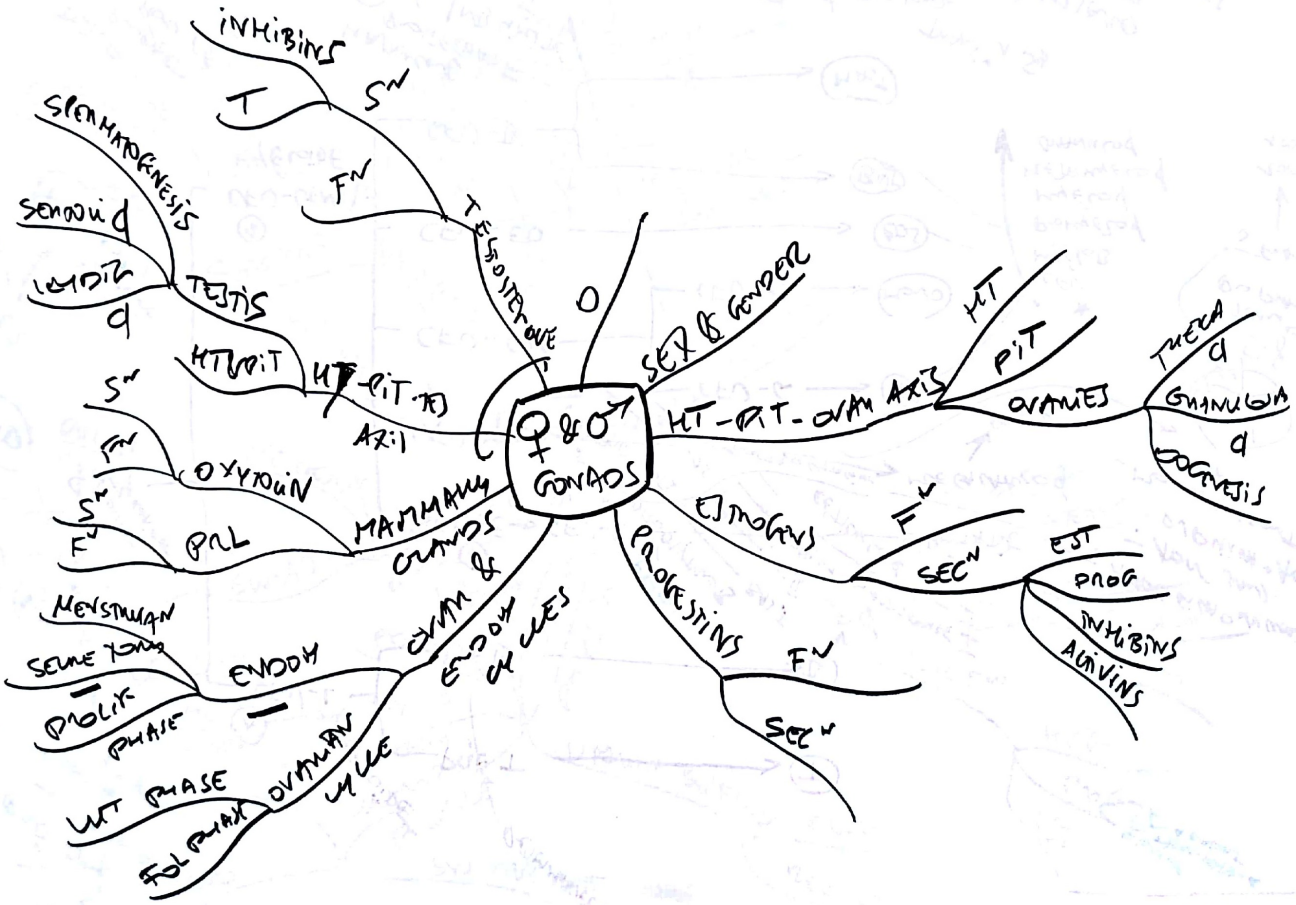
SMALL & LARGE INTESTINES
Li
Si
H2O
SHORT CHAIN FA
ELECTROLYTES
TRANSPORT
ANAL SPHINCTERS
OTH REF
MOTILITY
ILEOCECAL SPHINCTER
VITAMIN
MIN
VIT
LYSOLECITHINES
CHOLESTEROL
MONOACYLGLYCEROL & GLYCEROLS
LIPIDS
SHORT-
MEDIUM CHAIN
LONG CHAIN
FFA
MOTILITY & MIXING
SEGMENT
CHYME
& ABSN
STARCH
DIETARY FIBER
DISAC &
OLIGOSAC
MONOSAC
PROT
BASOLAT AA TRANSP
APIC PEPT TRANSP
& AA TRANSP
LUMINAL PROTEASES
APICAL PEPTIDASES
BASOLAT
APICAL
MB TRANSPORT

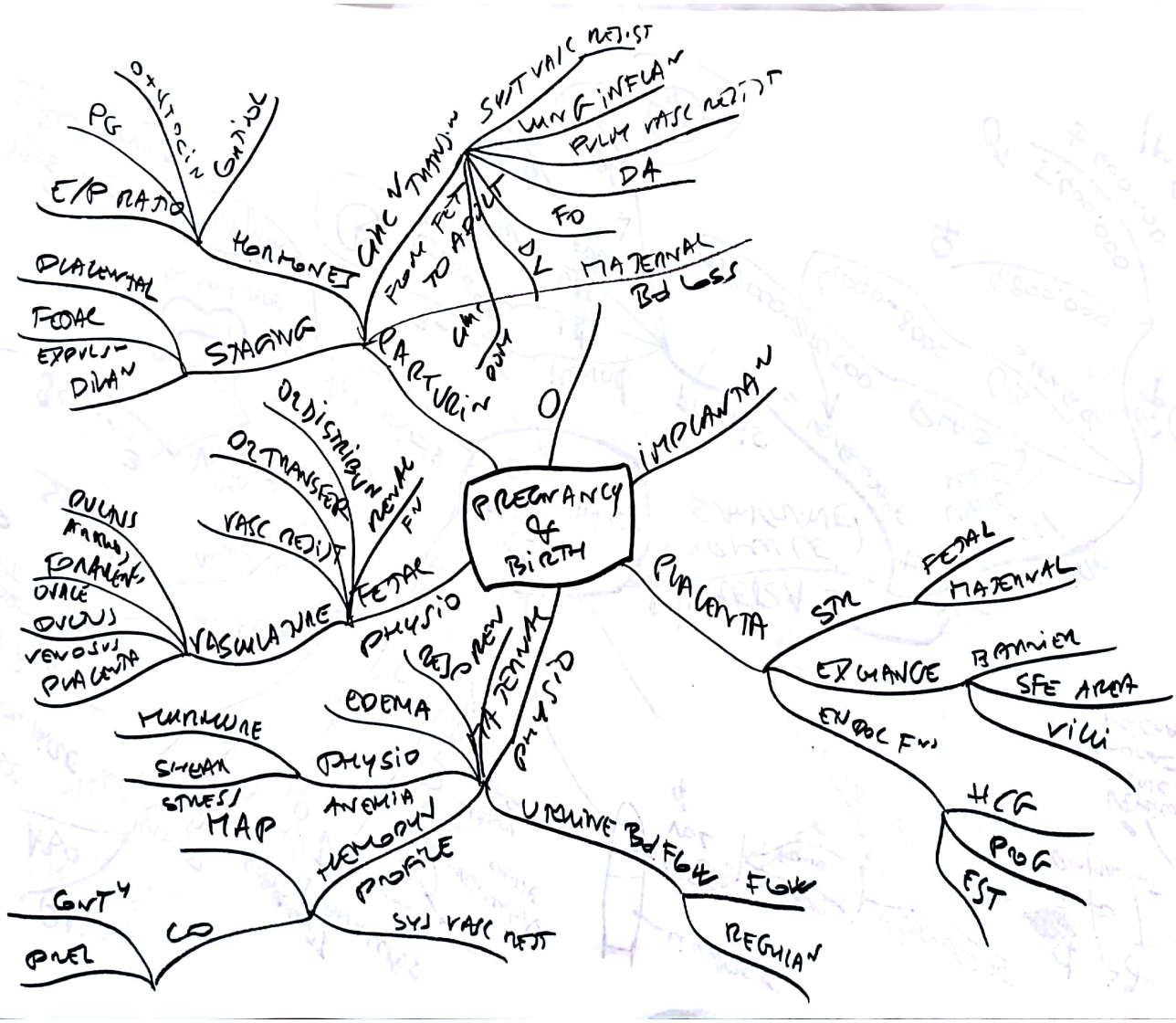

EXOC PANC & LIVER
NON BIL LIVER FUNCTIONS
DRUG BIOTRANSF
IMMUNE
DETOXIFICAN
ETHANOL
AMMONIA
METABOLISM
VITAMIN
P
L
CH
EXOC PANC
ENZ SECN
MECHANISM
I
CHOLECYSTOKININ
SECRETATE
INTERCALATED DUCT
ALVEOLAR CELL
CEPHALIC PHASE
GASTRIC
INT
CHEMICAL
HORMONAL SIGNALING
VAGAL AFFERENT STIMULATION
HEPATOBIL SYSTEM
GALLBLADDER
BILE COMPONENTS
PIGMENTS & ORGANIC
FREE CHOLESTEROL
& PL
H2O & ELECTROLYTES
BA
1Y
2Y

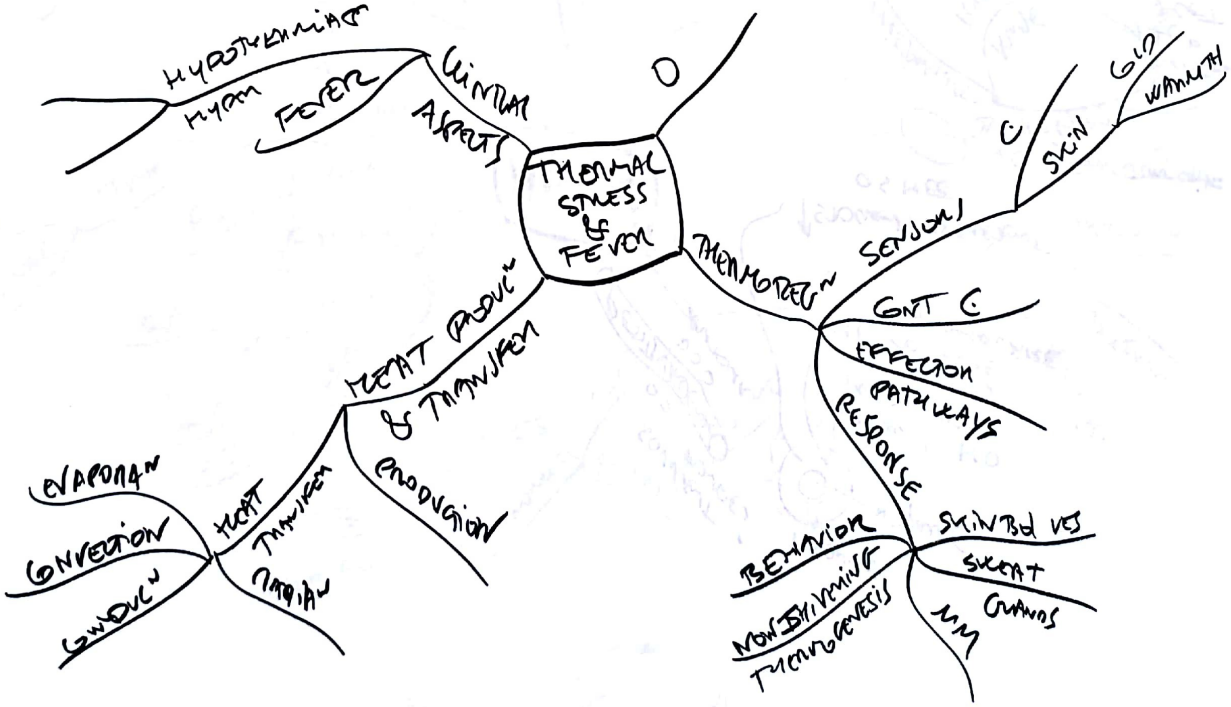

ENDOC PANC & LIVER
SEC N
FN
INSULIN LIKE GF
IGF1
SEC N
FN
GH
HT-PIT-LIVM AXIS
LIVER
PIT
HT
INSULIN
SEC N
FN
G UPTAKE
GLUCAGON
FN
SECRE N
GLUCAGON LIKE PEP
GLP
SEC N

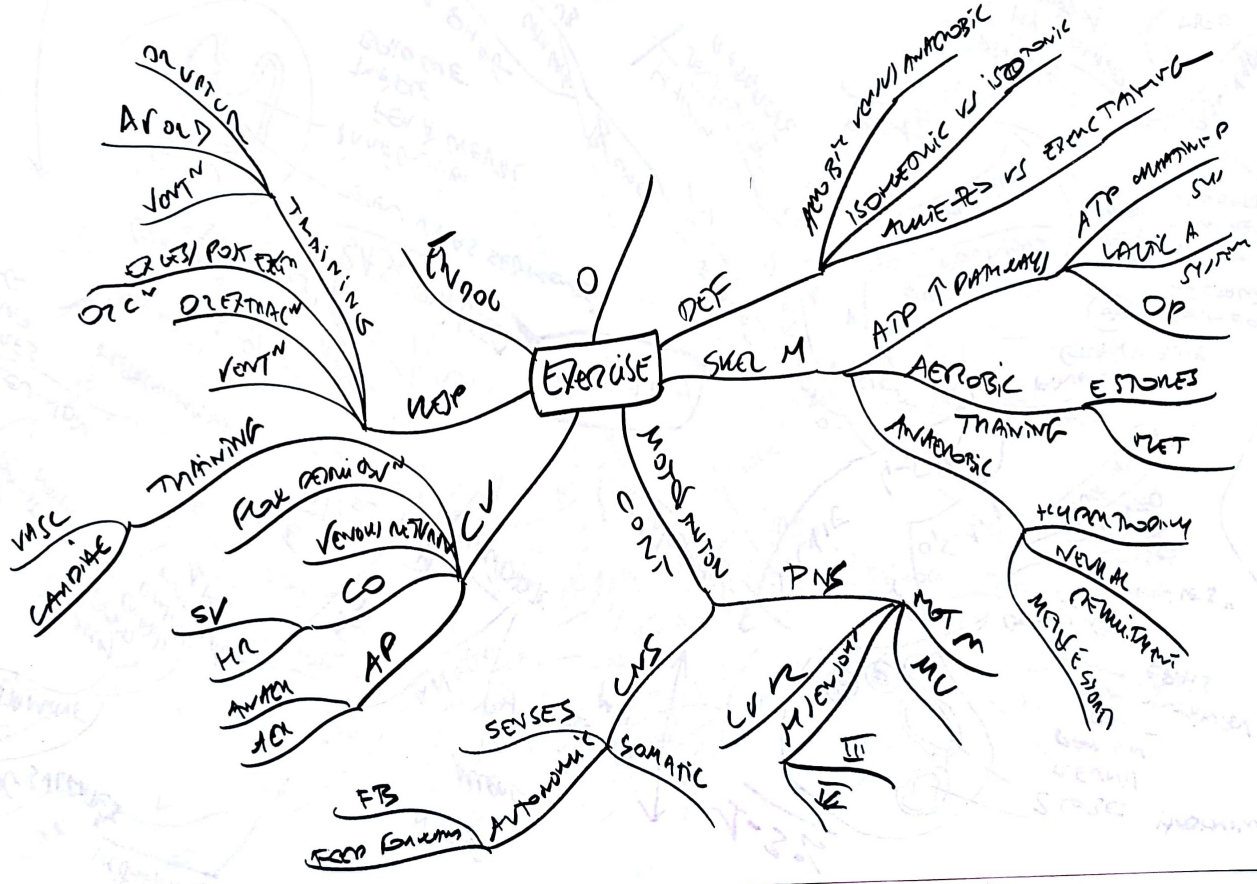

ADRENAL GLANDS
CORTEX
MEDULLA
REGN
SECN
FN
CORTISOL
0
HYPO-PIT-ADR AXIS
HT
PIT
ADR
ALD
FN
SECN
ANDROGEN
SECN
CV
MUSCSKEL
IMMUNE
FN
INTAKE
LIPOLYSIS
CAT
FN
SECN

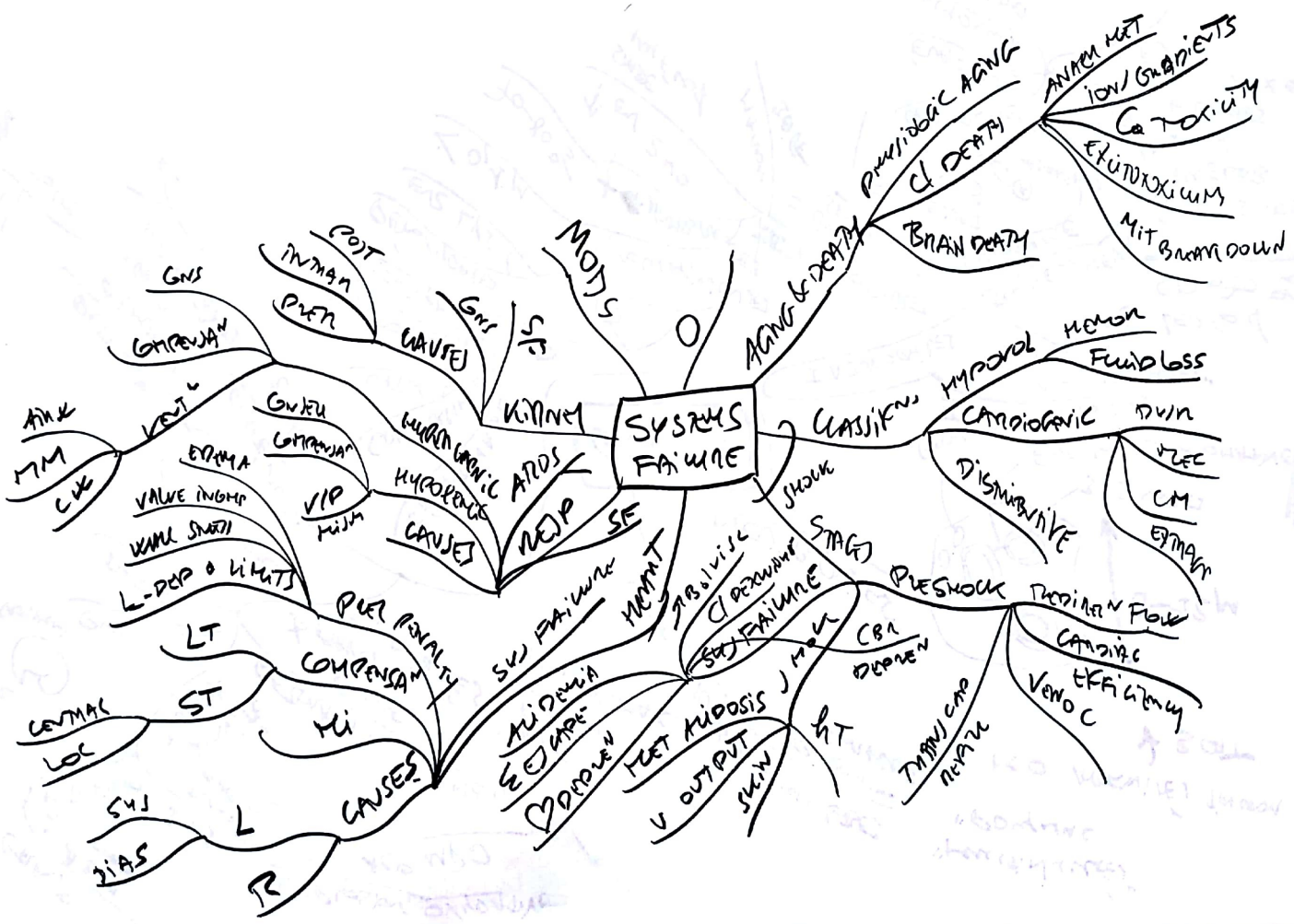

THYROID & PARATHYR
HT-PIT-THYR AXIS
HT
PIT
THYR FOLLICLES
COLLOID
SYNTHESIS
IODIDE UPTAKE
APICAL SEC°
OXIDA°
IODINA°
CONJUGA°
ENDOC
PMII
SEC°
TRANSD & REG
THYR HORM
EFFECTS
SCAT SUN
BMR
HEAT PRODUCT
GLYCOLYT
PTH
VIT D
CALCIUM
PO4
REGULAT°
F°
REG°
VIT D ANAL
PTH
PTH


INHIBINS
T
S^N
F^N
SPERMATOGENESIS
SERTOLI
LEYDIG
TESTIS
TESTOSTERONE
HT/PIT
HT-PIT-TES AXIS
S^N
F^N
OXYTOCIN
S^N
F^N
PRL
MAMMARY GLANDS
♀ & ♂ GONADS
SEX & GONDER
HT-PIT-OVAM AXIS
HT
PIT
OVARIES
THECA
GRANULOSA
OOGENESIS
ESTROGENS
F^N
SEC^N
EST
PROG
INHIBINS
ACTIVINS
PROGESTINS
F^N
SEC^N
MENSTRUAN
SECRETORY
ENDOM
PROLIF
PHASE
OVAM & ENDOM CYCLES
WT PHASE
FOL PHASE
OVULATION
MYLE


PREGNANCY & BIRTH
HORMONES
PG
OXYTOCIN
E/P RATIO
CHANGES
SYST VASC RESIST
UTERINE INFLOW
PULM VASC RESIST
DA
FO
CO
MATERNAL BP
FROM REST TO ACTIVE
STAGING
PLACENTAL
FETAL
EXPULSION
PARTURITION
IMPLANTATION
OXYTRANSFER
VASC RESIST
FETAL
VASCULATURE
UMBILICAL
VENOUS
PLACENTA
PHYSIO
EDEMA
HAEMODIL
MATERNAL
PHYSIO
HAEMOCONC
ANAEMIA
PROFILE
MAP
CO
PLACENTA
STR
FETAL
MATERNAL
EXCHANGE
BARRIER
SFE AREA
VILLI
ENDOCRINE
HCG
PROG
EST
UTERINE BF
FLOW
REGULATION


THERMAL STRESS & FEVER
CLINICAL ASPECTS
FEVER
THERMOREGULATION
SENSORY
SKIN
GIT
RESPONSE
BEHAVIOR
HEAT PRODUCTION & TRANSFER
HEAT TRANSFER
PRODUCTION


Exercise
DEF
ENDOC
O
SKEL M
ATP T PATHWAYS
AEROBIC
ANAEROBIC
ISOMETRIC VS ISOTONIC
ISOKINETIC VS ISOTONIC
ATP
SW
LACTIC A
SYSTEM
OP
ESTORES
MET
TRAINING
HYPERTROPHY
NEURAL
REMODELLING
MOTOR
MU
PNS
CNS
SENSES
SOMATIC
AUTONOMIC
MOVEMENT CONT
CV
CO
SV
HR
AP
VASC
CAPILLAE
FLOW REGULATION
VENOUS RETURN
RESP
VENT
EXER/POST EXER
ORG
ORIENTATION
VENT
AROUND
DURATION
TRAINING


SYSTEMS FAILURE
AGING & DEATH
PHYSIOLOGIC AGING
CL DEATH
BRAIN DEATH
ANAEROBIC MET
ION GRADIENTS
CATECHOLAMINE TOXICITY
EXCITOTOXICITY
MITOCHONDRIAL BREAKDOWN
CLASSIFICATION
HYPOVOL
HEMORR
FLUID LOSS
CARDIOGENIC
PUMP
MEC
CM
EMBOLI
DISTRIBUTIVE
SEPTIC
NEUROGENIC
ANAPH
CYTOKINES
NO
SHOCK STAGES
PRESHOCK
COMPENSATED
DECOMPENSATED
IRREVERSIBLE
CBF REDIST
ORGAN FAILURE
MOF
MODS
RENAL
GNS
CORTISOL
INTRAM
PVR
CAUSES
SV
HYPOPERFUSION
CAUSES
ANAPH
MM
CM
VENT
GNS
CONTRACT
VIP
MIOM
EPINEPH
VALVE INSUFF
MYOCARD STUFF
L-DEP O LIMITS
PULM PENALTY
LT
ST
CONTRAC
LOC
COMPENSATION
MI
CAUSES
SVJ
L
BIAS
R
MYOCARDIAL DEPRESSION
HEART MYOPATHY
V OUTPUT
SKIN
HT
TYPHOID CAP
RENAL
CARDIAC EFFICIENCY
VENOC