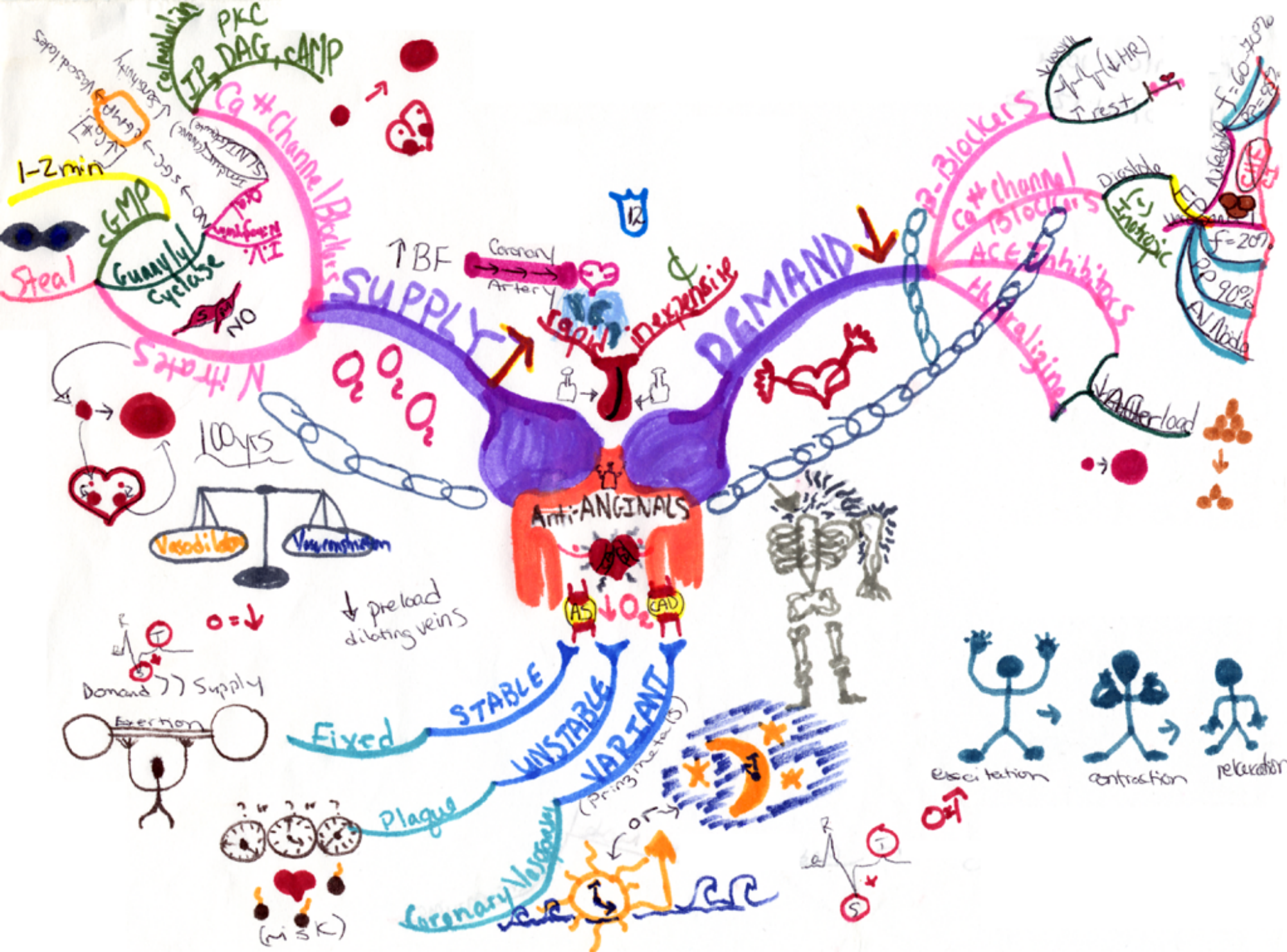

Anti-ANGINALS
SUPPLY
DEMAND
Ca# Channel Blockers
Nitrates
Steal
cGMP
Guanylyl Cyclase
NO
1-2min
PKC
IP, DAG, cAMP
calmodulin
↑BF
Coronary Artery
rapid inexpensive
100yrs
Vasodilation
Vasoconstriction
↓ preload dilating veins
Domand >> Supply
Exertion
Fixed
STABLE
Plaque
UNSTABLE
VARIANT
(Prinzmetal's)
Coronary Vasospasm
(risk)
AS
CAD
↓O2
β-Blockers
Ca# channel Blockers
ACE Inhibitors
Hydralizine
Afterload
Diastole
Inotropic
f=20%
PP 90%
AV Node
Nifedipine
f=60-70%
excitation
contraction
relaxation