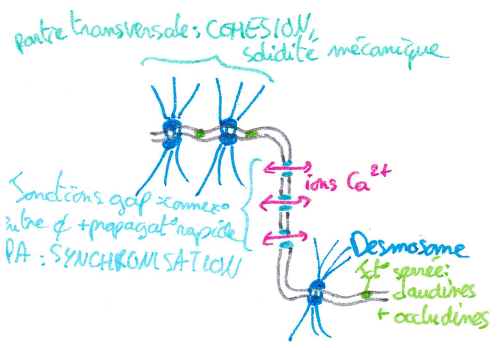
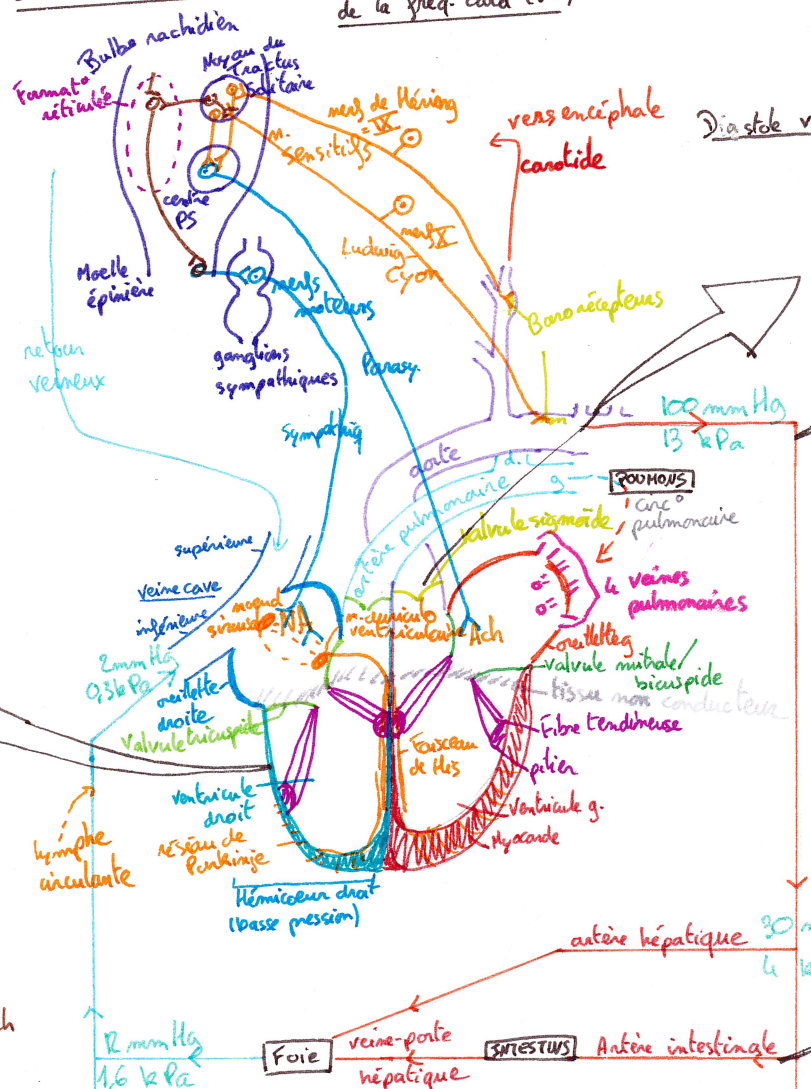
LA CIRCULATION SANGUINE CHEZ LES MAMMIFERES

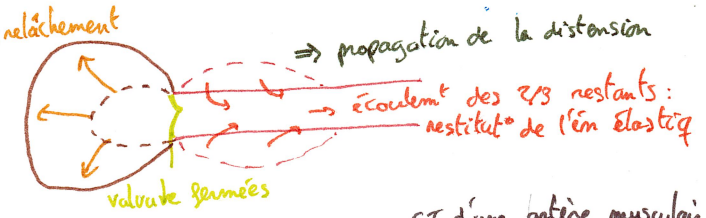
Détail d'une strie scalariforme



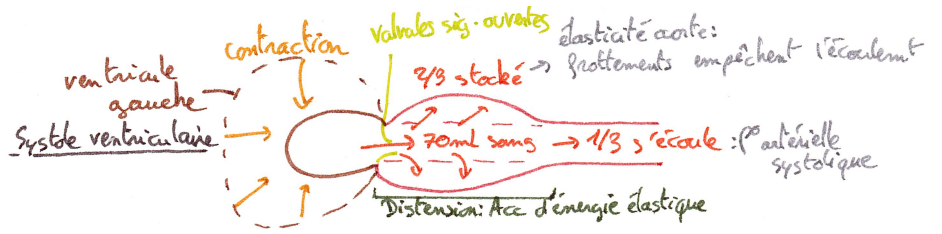
Le cœur et les voies nerveuses assurant la régulat° de la fréq. card (FC)



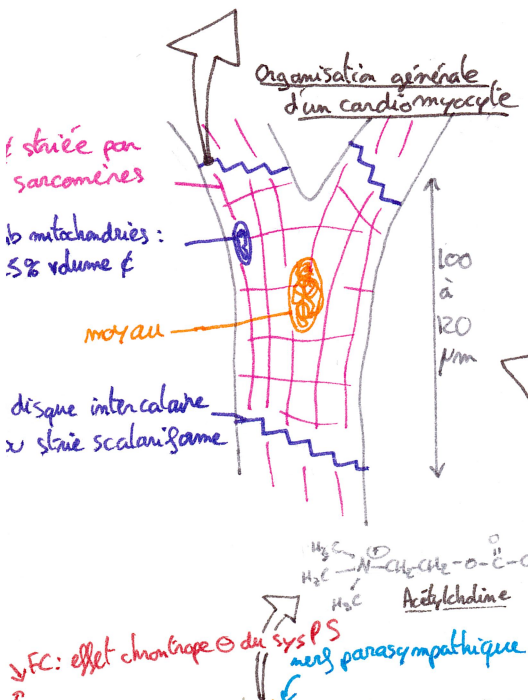
Diastole ventriculaire relâchement



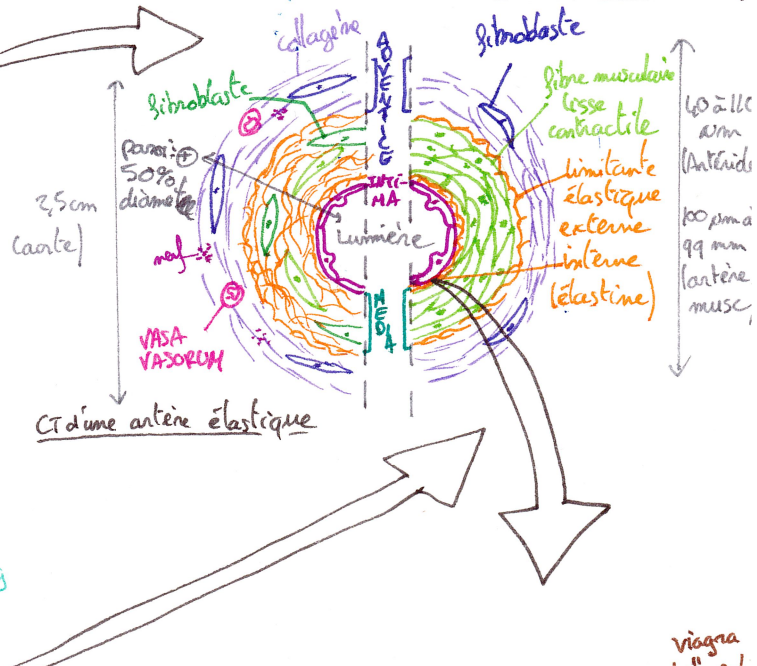
Systole ventriculaire



Organisation générale d'un cardiomyocyte

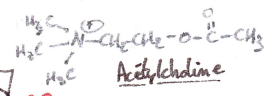


CT d'une artère musculaire artériole (rôle distributif)



CT d'une artère élastique

Acétylcholine

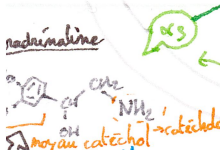


↓FC : effet chronotrope ⊖ du sys PS

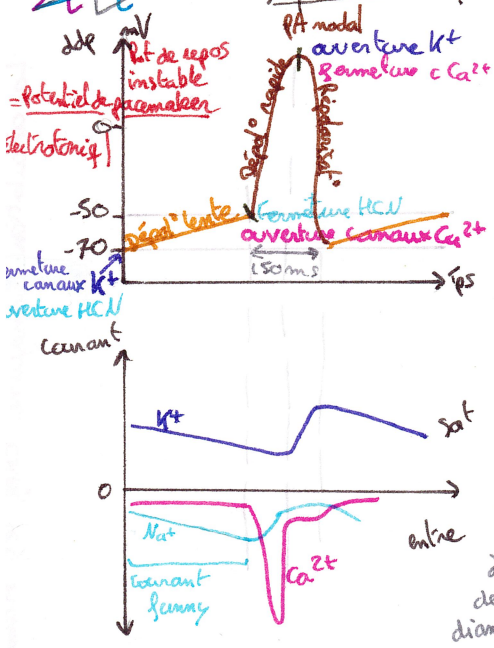
nerf parasympathique

Hyperpolarisation

Noradrénaline NA

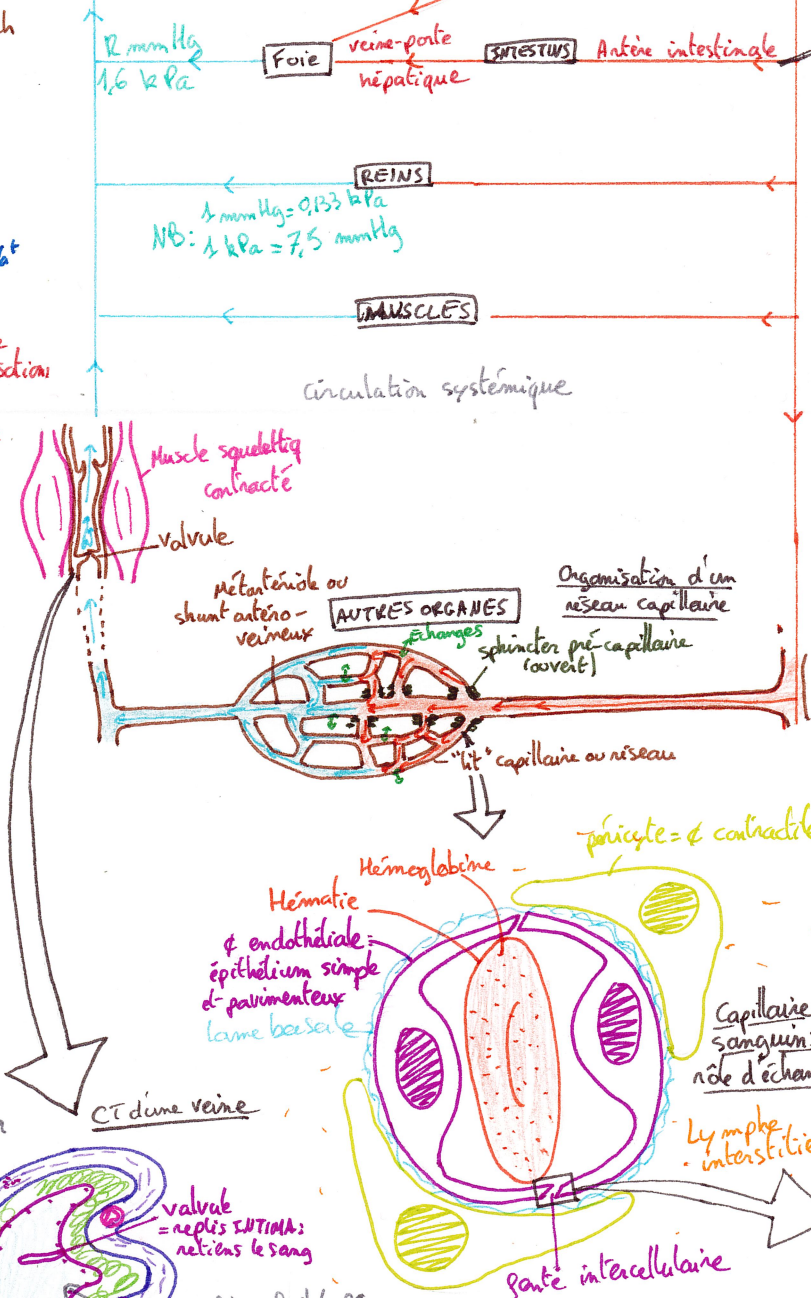


Effet de Ach et NA sur la fréquence cardiaque (cellule nodale)

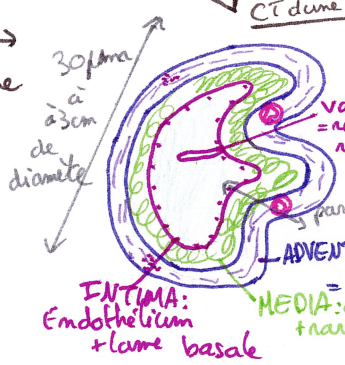


Les variations du potentiel membranaire dans une cellule nodale

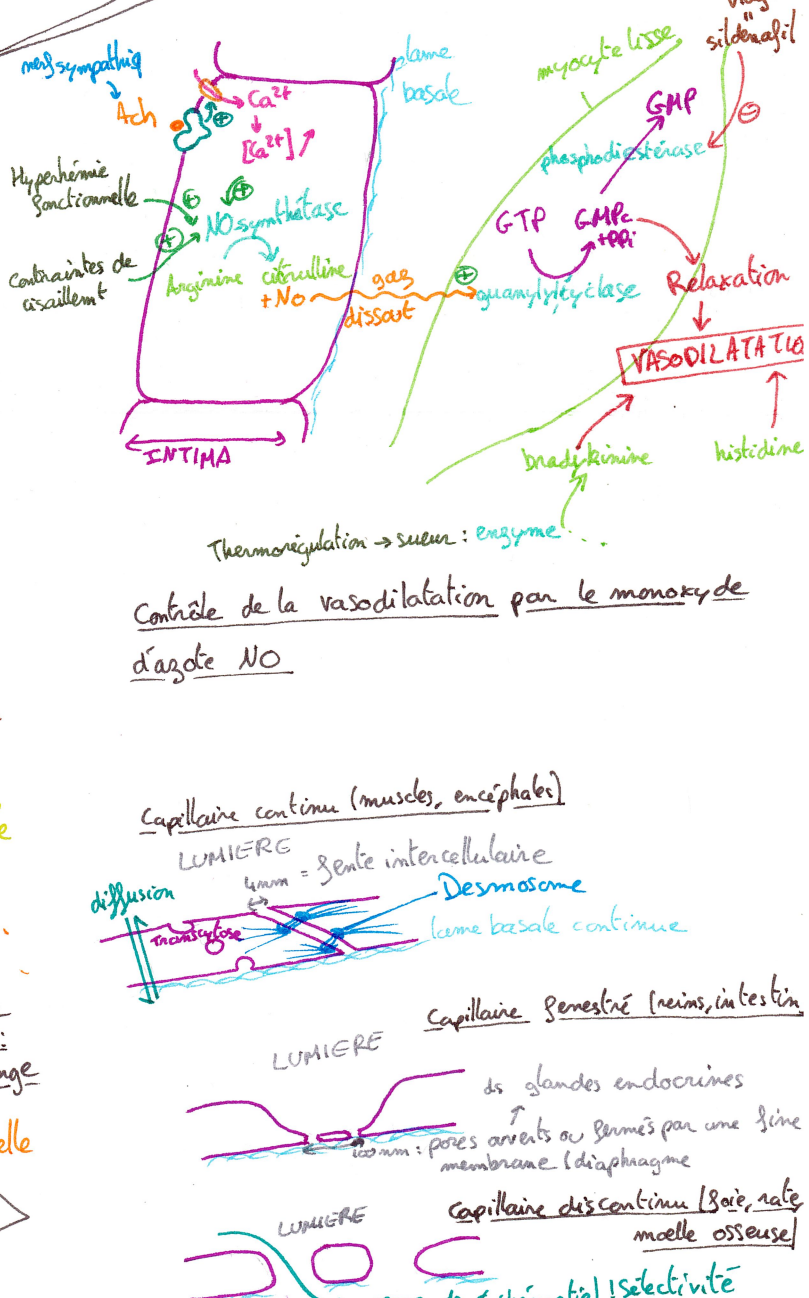
Circulation systémique



CT d'une veine



Contrôle de la vasodilatation par le monoxyde d'azote NO

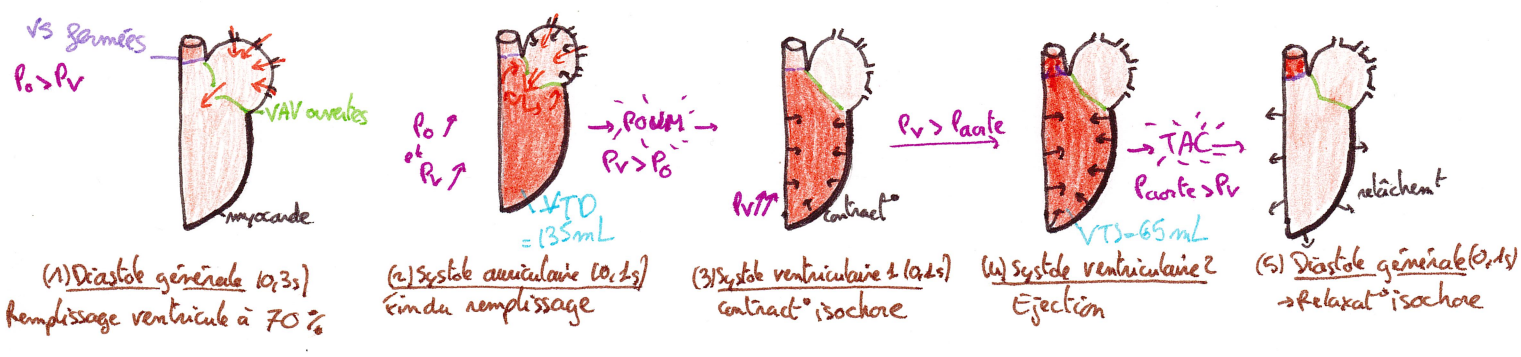
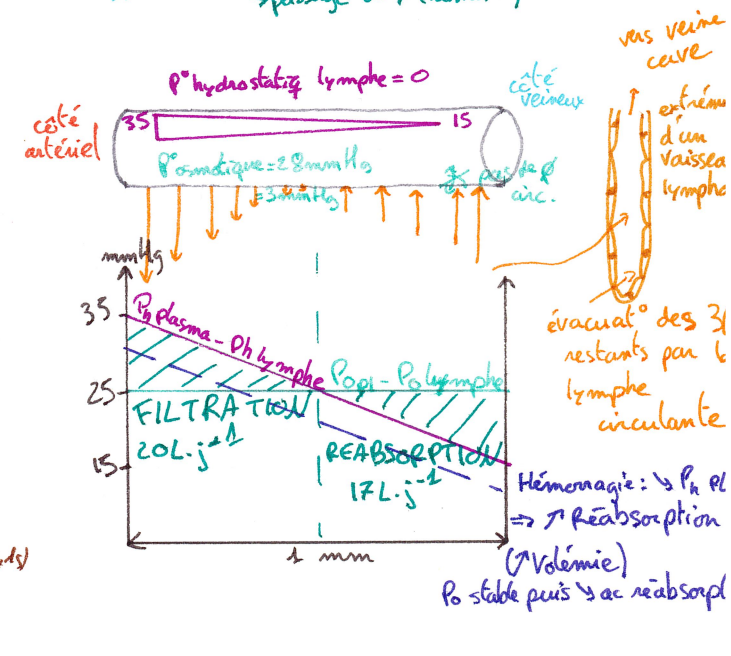


Capillaire continu (muscles, encéphales)

Capillaire fenestré (reins, intestin)

Capillaire discontinu (foie, rate, moelle osseuse)

Evénements du cycle cardiaque



Pression hydrostatique, lymphe et échanges