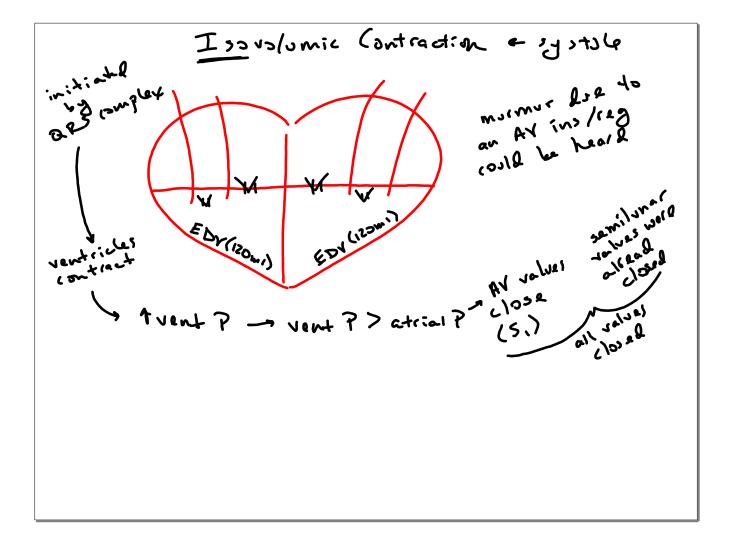
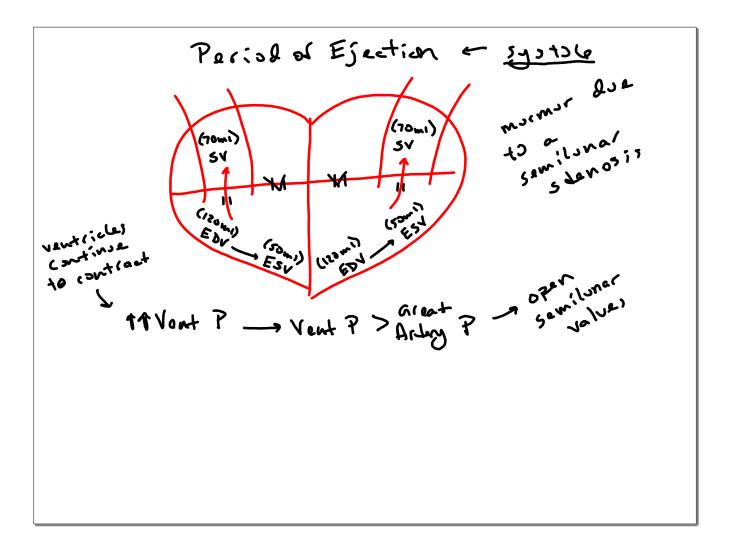
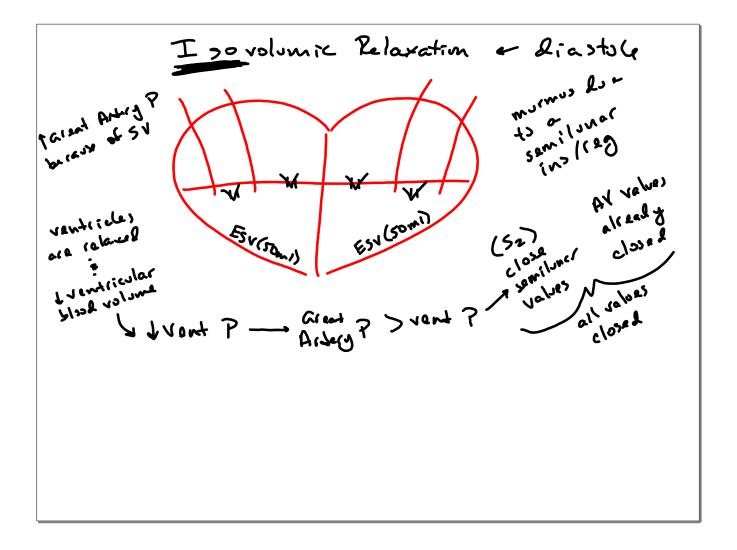


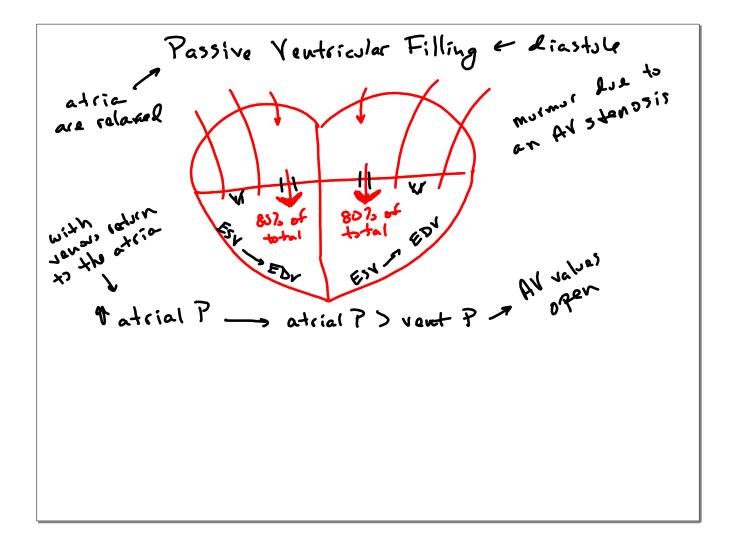
* Carliac Cycle Isovolumic Contraction Period of Eject Isovolumic Relevation Passive Ventricular Filling Active Ventricular Filling

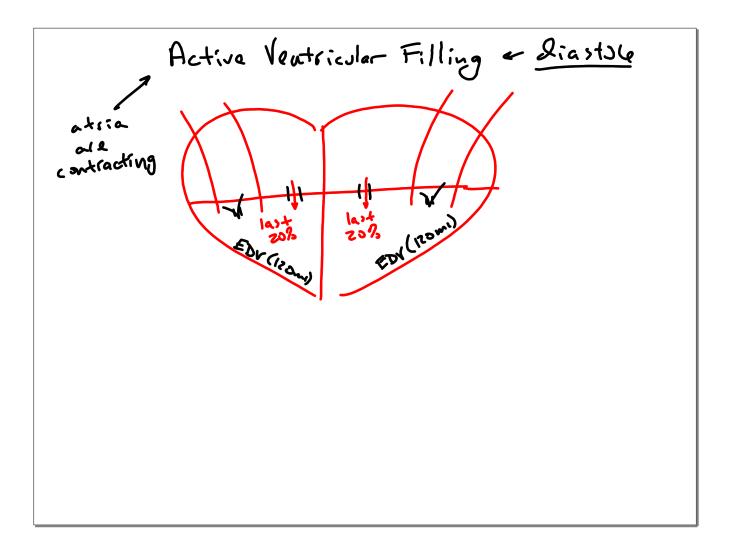


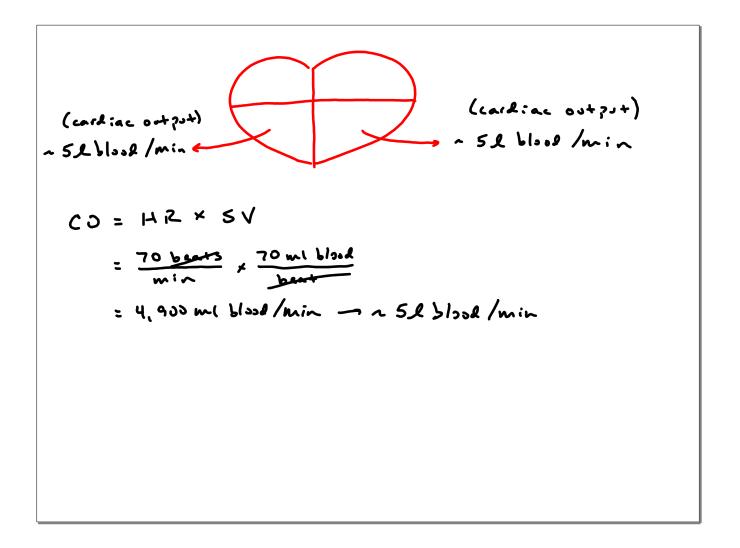


ESV = EDV - SV SV = EDV - ESV EDV = ESV + SV $E.F. = \frac{SV}{EDV} \cdot 10D$ an E.F. Sleader than 5DR is nsimal Г





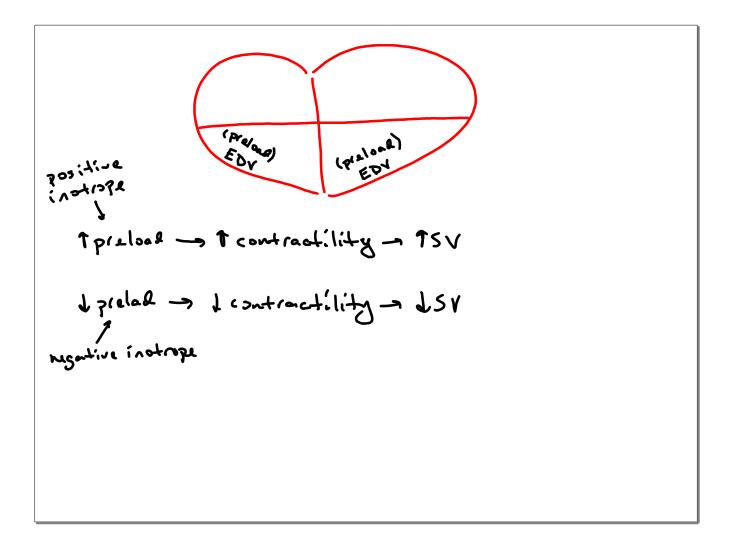


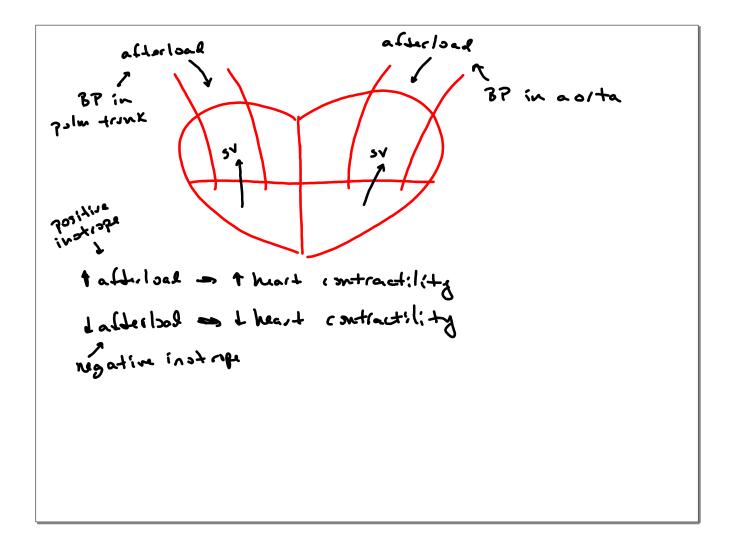


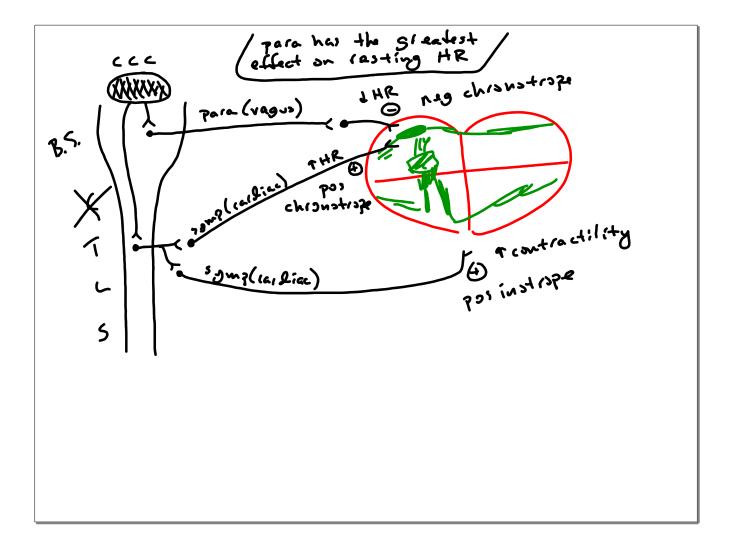
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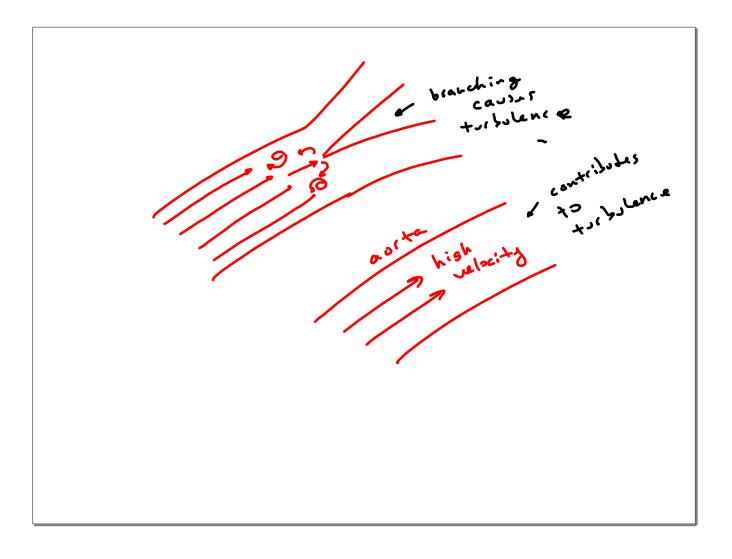
* Positive instroze is something that causes an increase in healt contract: lity (TSN) * Nogative instroze is something that causes a decrease in heart contract: lity (tov) & Positive chronotrope is something that causes an include in heart rate y Negative chronotrope is something that cause a decrease in heart rade

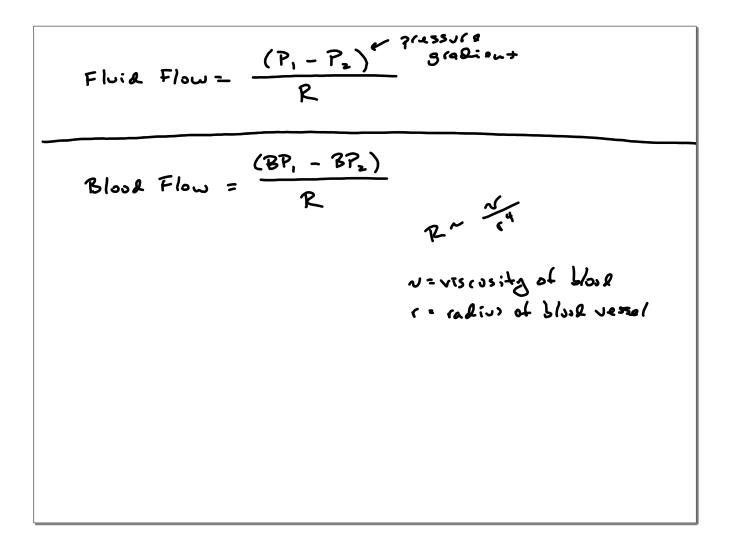
* Unhealthy heart (i.e. heart failure) La deontractility (weak 4 JSV healt musicle 1 body responses by: THR inelficient hard

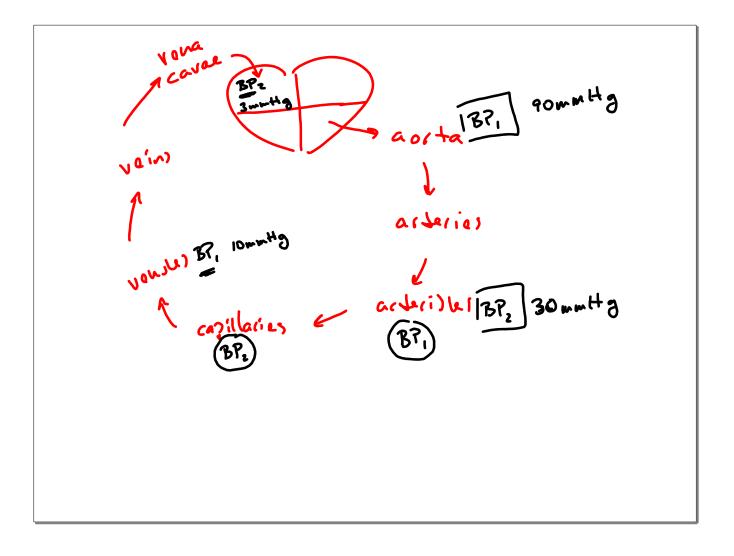


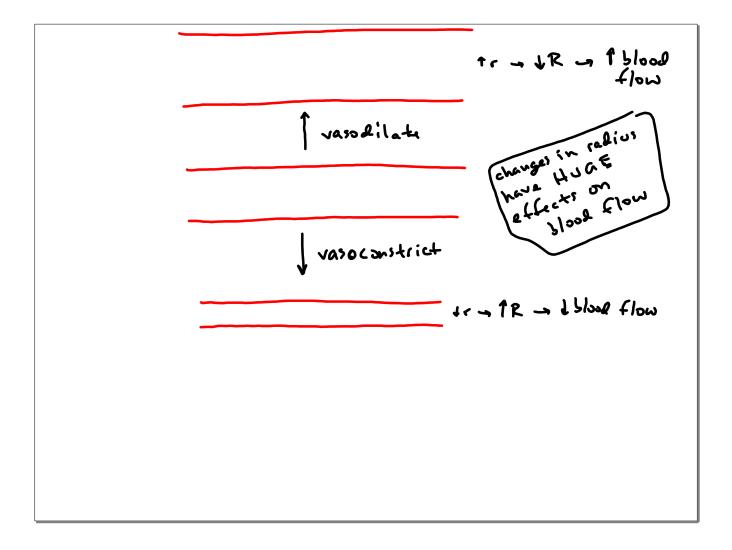


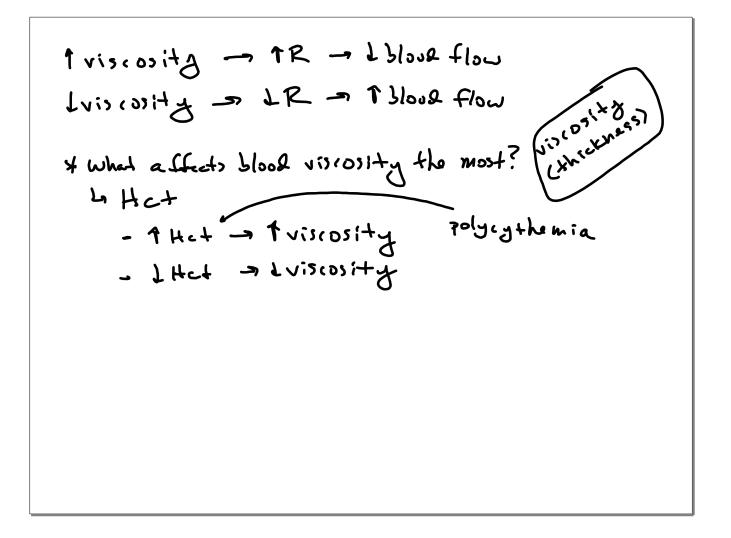


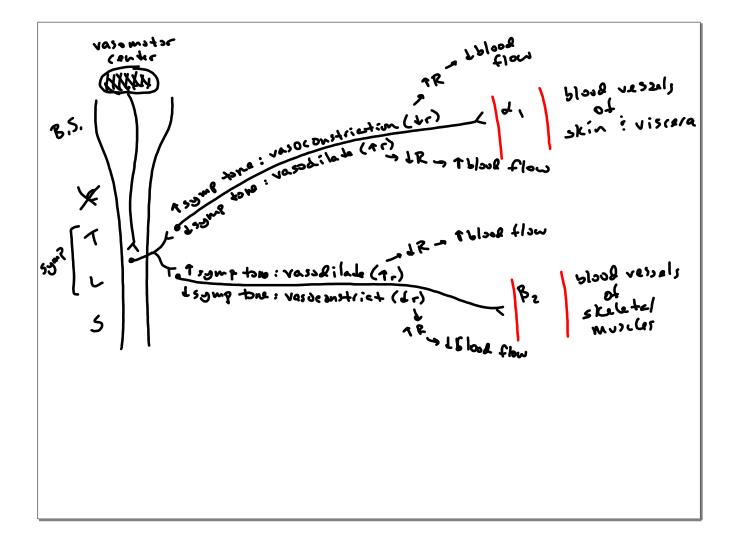


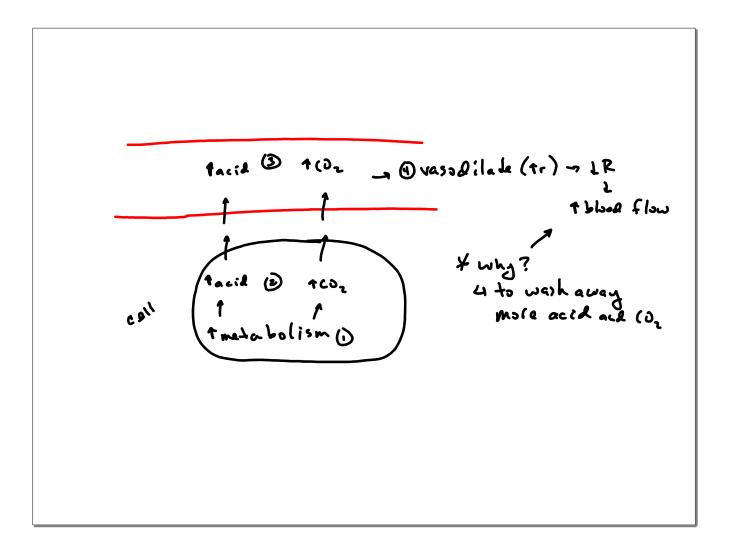


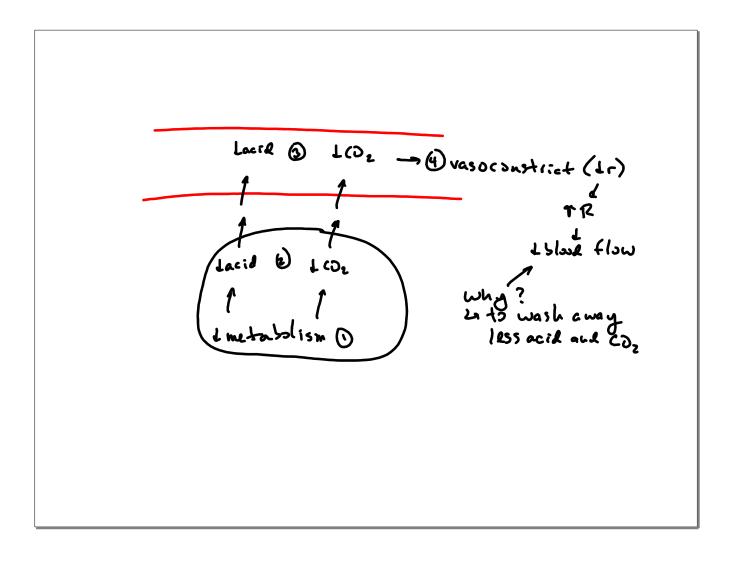


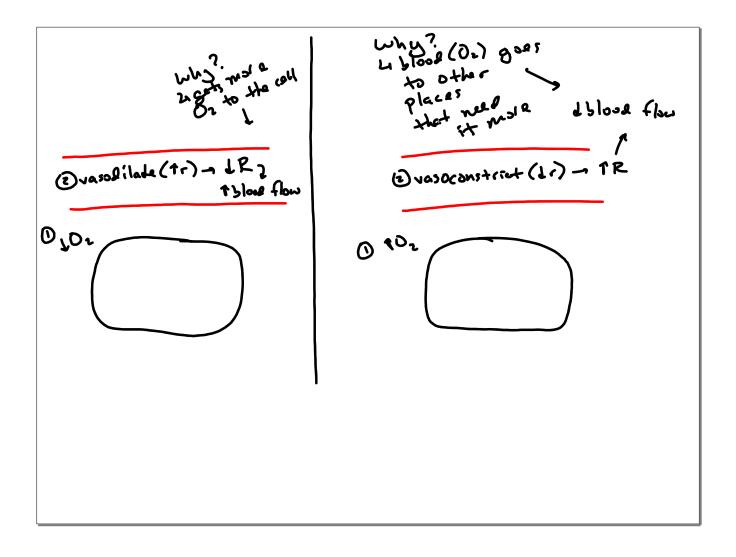


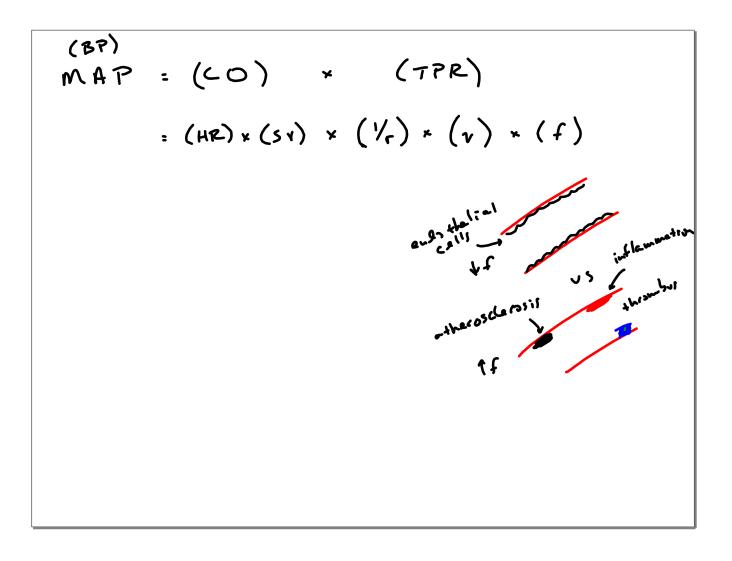


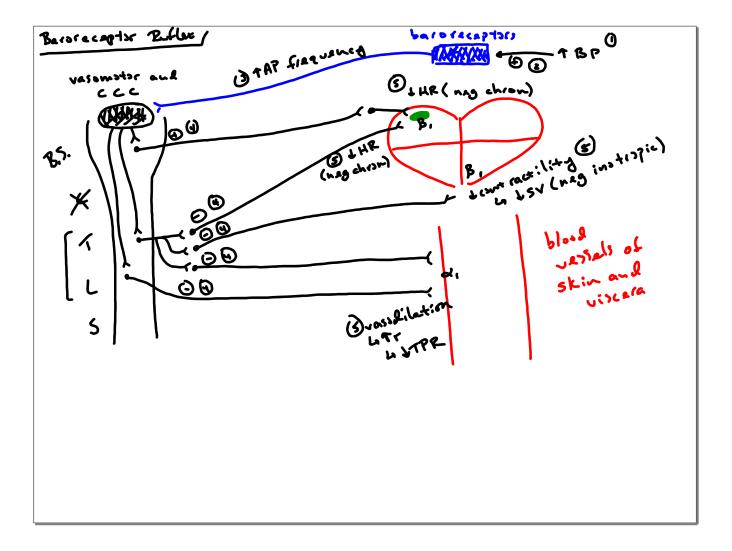


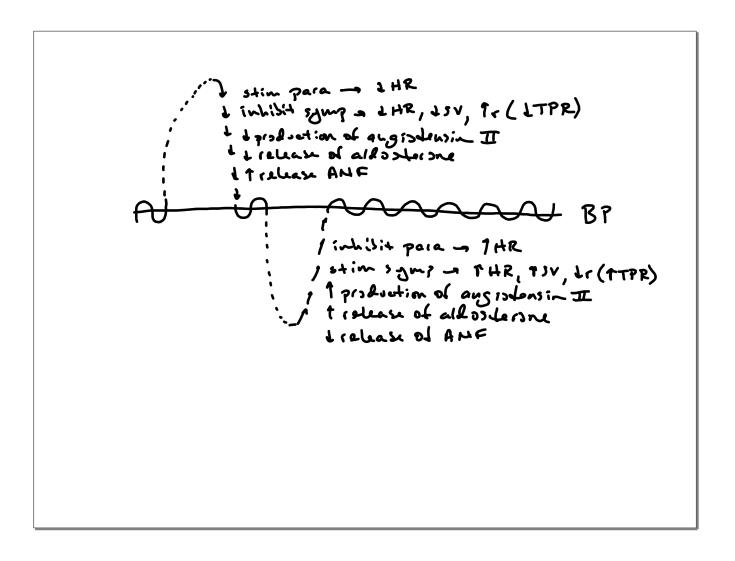


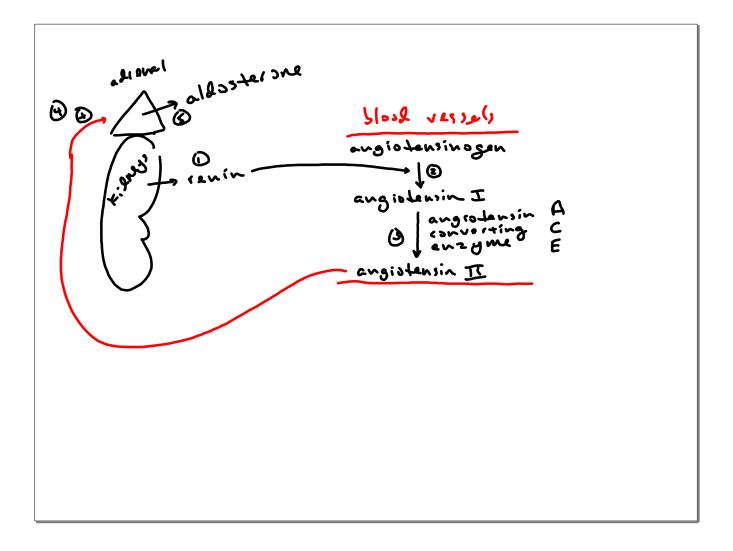












+ blood volume * Angistensin II 4 causes release allosterone - vasoconstricts le causes vagsconstriction h causes release of ADH - Tolow volume * Tproduction of augisteusin II and Trahase of allostersno L BB? & d production of augistensin II and dredease of allowersne 6 1B?

* L compliance - too stift 4 Rucing szstale : ht systolic plessure 6 During Diastole: 6 1 Diastolic pressule Proving Report La deridsekerdsin en hardening of anderies

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