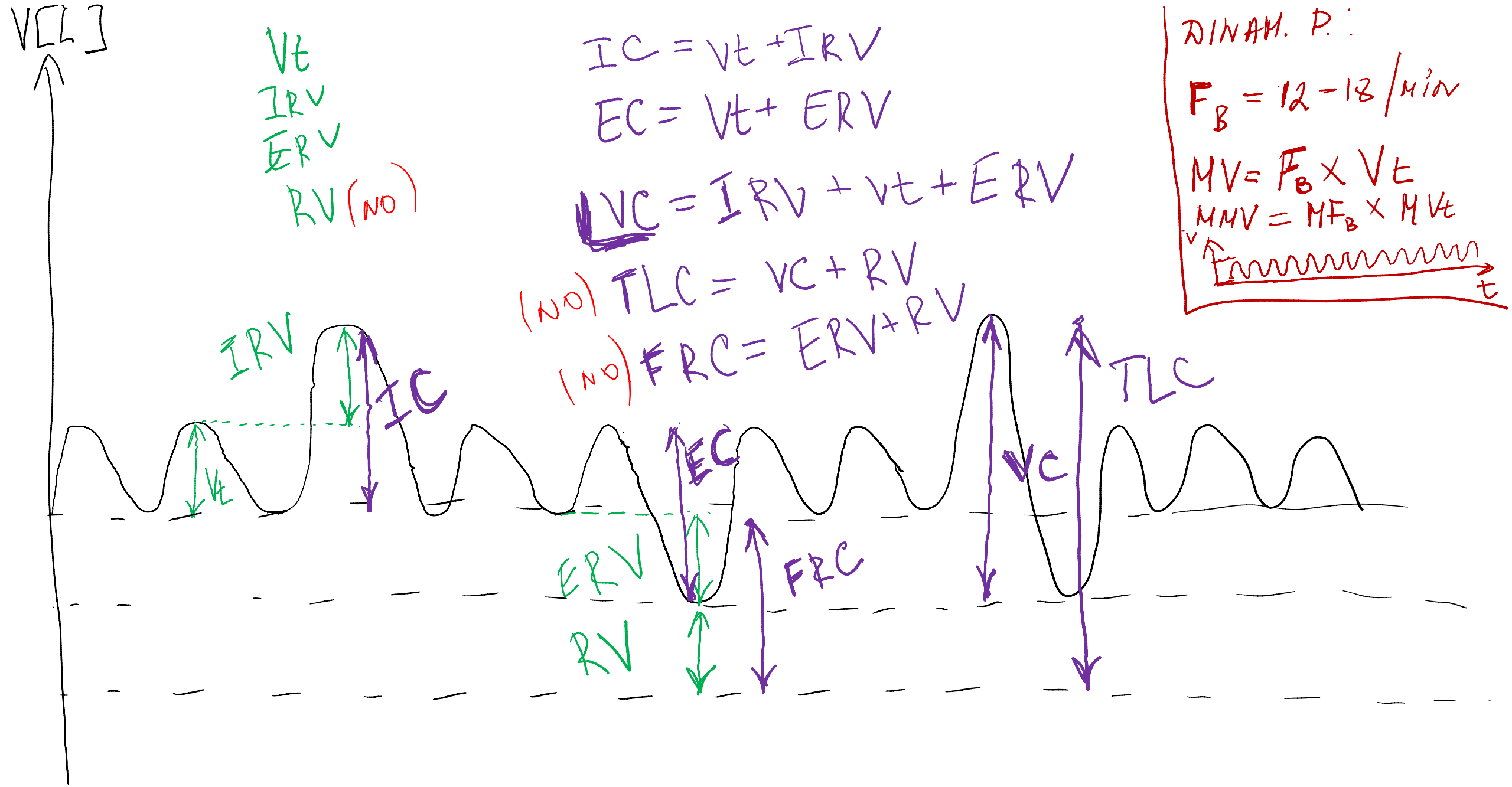
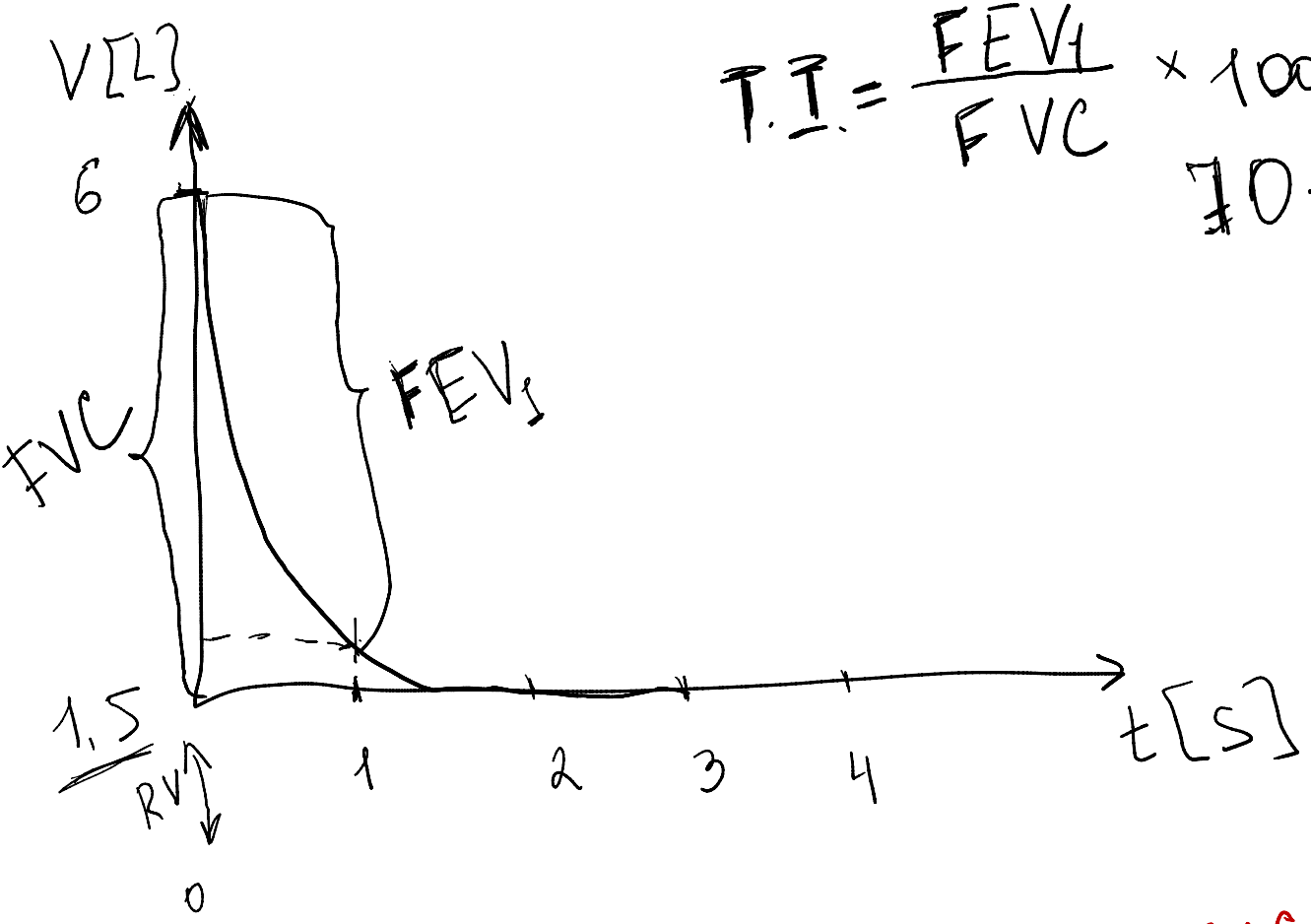
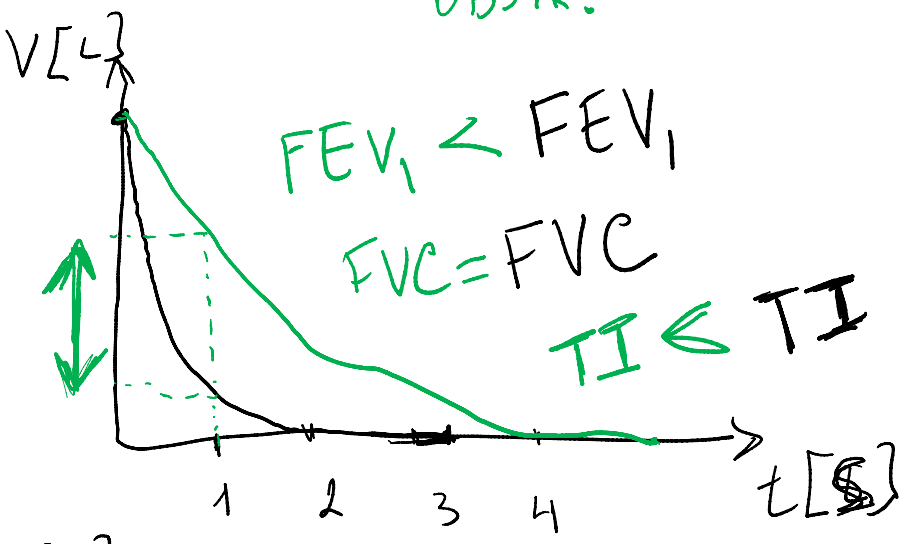

V[L]
Vt
IRV
ERV
RV (NO)
IC = Vt + IRV
EC = Vt + ERV
VC = IRV + Vt + ERV
(NO) TLC = VC + RV
(NO) FRC = ERV + RV
DINAM. P.:
F_B = 12 - 18 /min
MV = F_B x Vt
MMV = MF_B x MVt
V
t
IRV
IC
Vt
EC
VC
TLC
ERV
FRC
RV



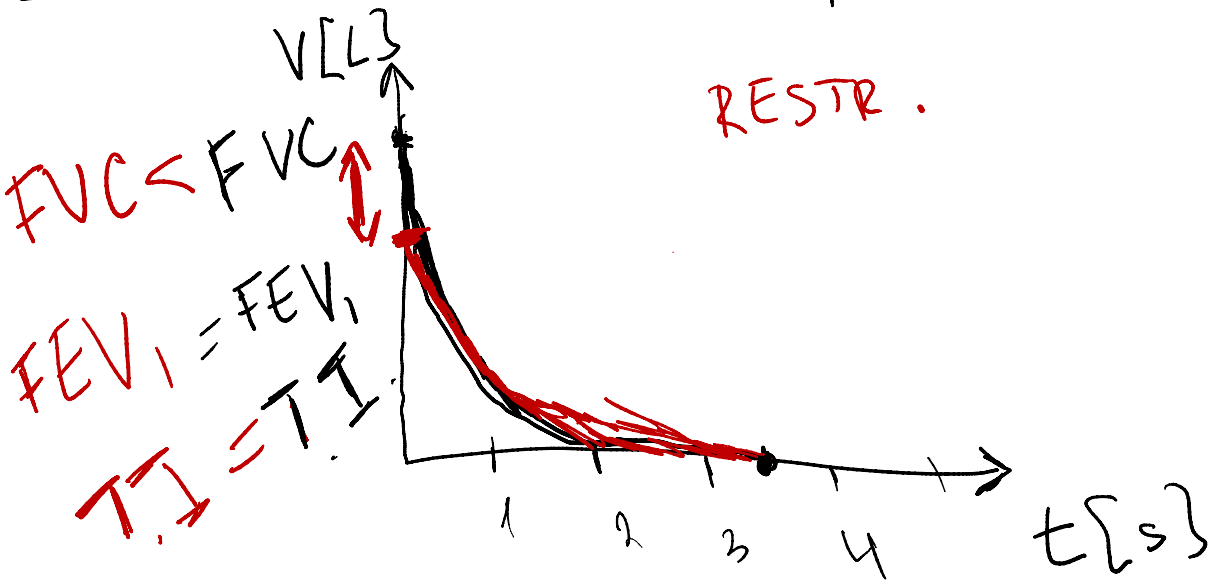
$$T.I. = \frac{FEV_1}{FVC} \times 100\%$$

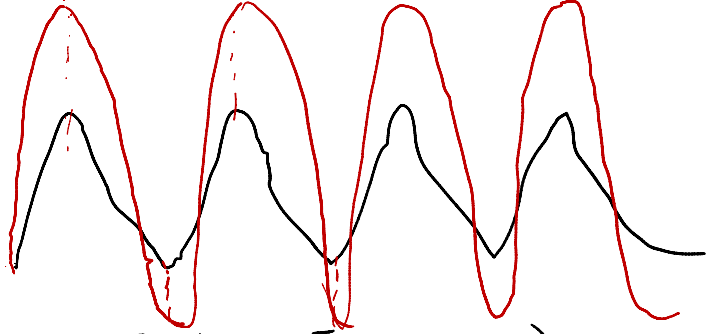
$$70 = 100\% \cdot (80\%)$$

OBSTR.

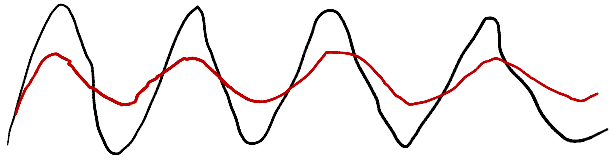


RESTR.

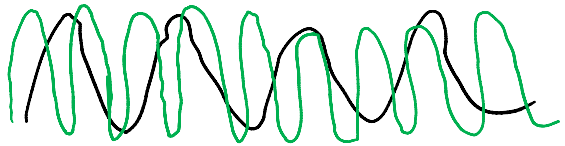




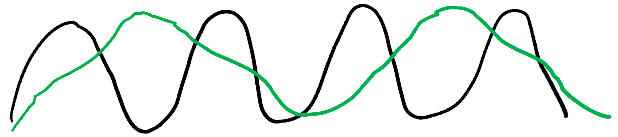
HYPERPNOE (↑ V)



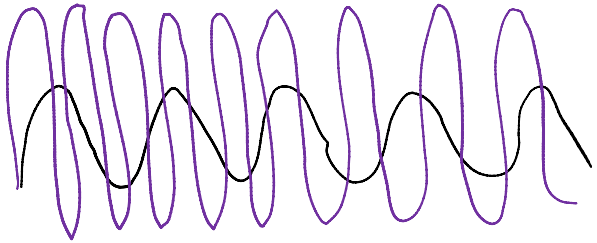
HYPOPNOE (↓ V)



TACHYPNOE (↑F)

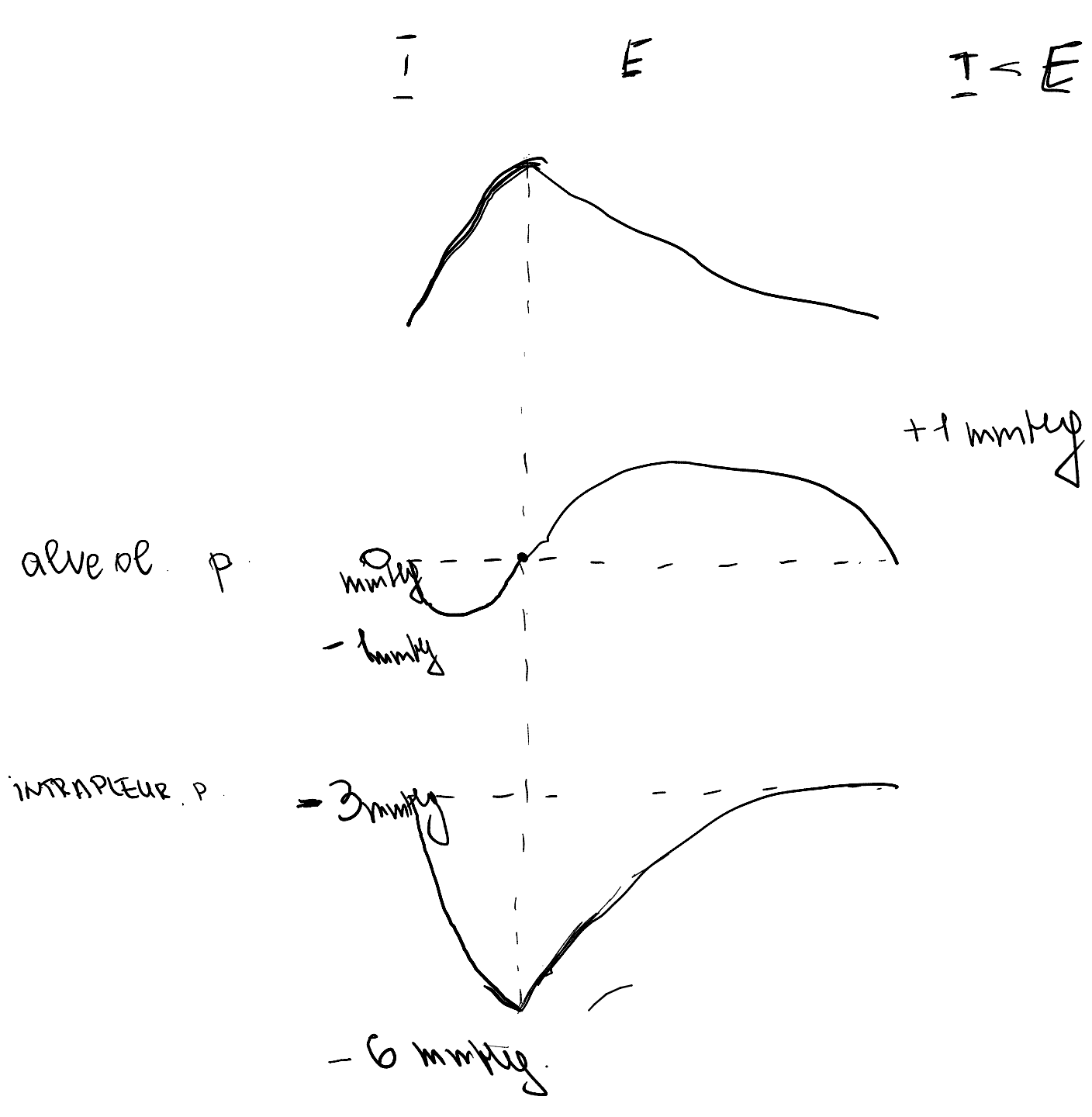


BRADIPN. (↓ F)



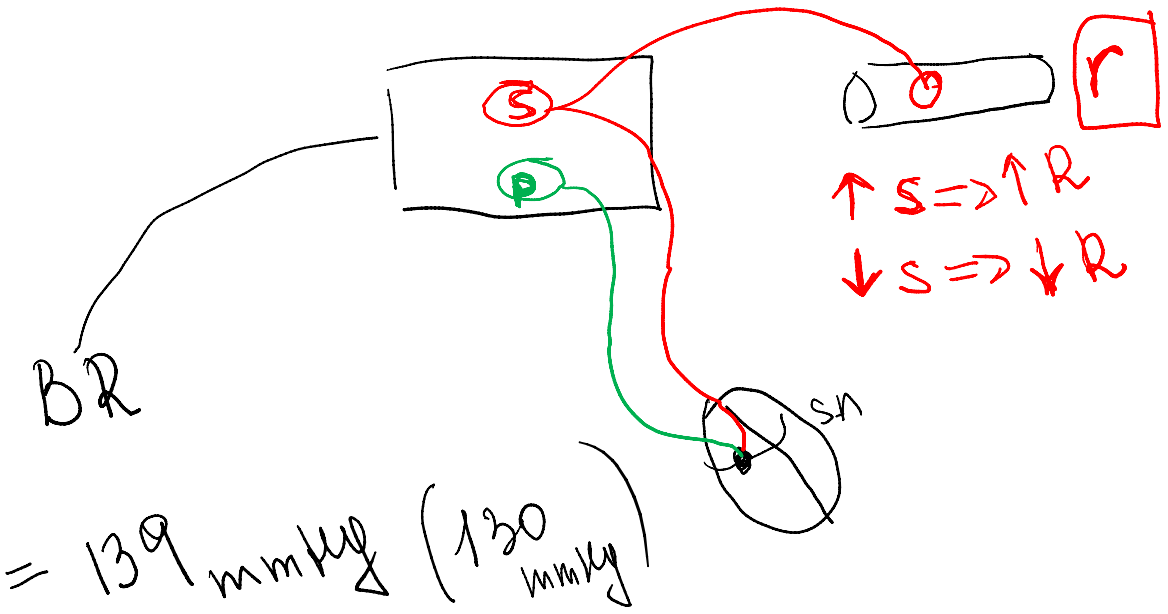
HYPERVENT (↑ V↑F)

HYPOPNOE (↓V x↓ f)


I
E
I < E
+1 mmHg
alveol P
0 mmHg
-1 mmHg
INTRAPLEUR P
-3 mmHg
-6 mmHg

$$BP = \underbrace{SV \times HR}_{SBP} \times \overbrace{R}^{DBP}$$

$$R = \frac{L \times \eta \times C}{\pi \times r^4}$$



↑ S ⇒ ↑ R

↓ S ⇒ ↓ R

RENIN + ANGIOTENZICEN

⇓

ATI + ACE

⇓

ATII ⇒ (↑ R)

⇓

ALDOSTERONE

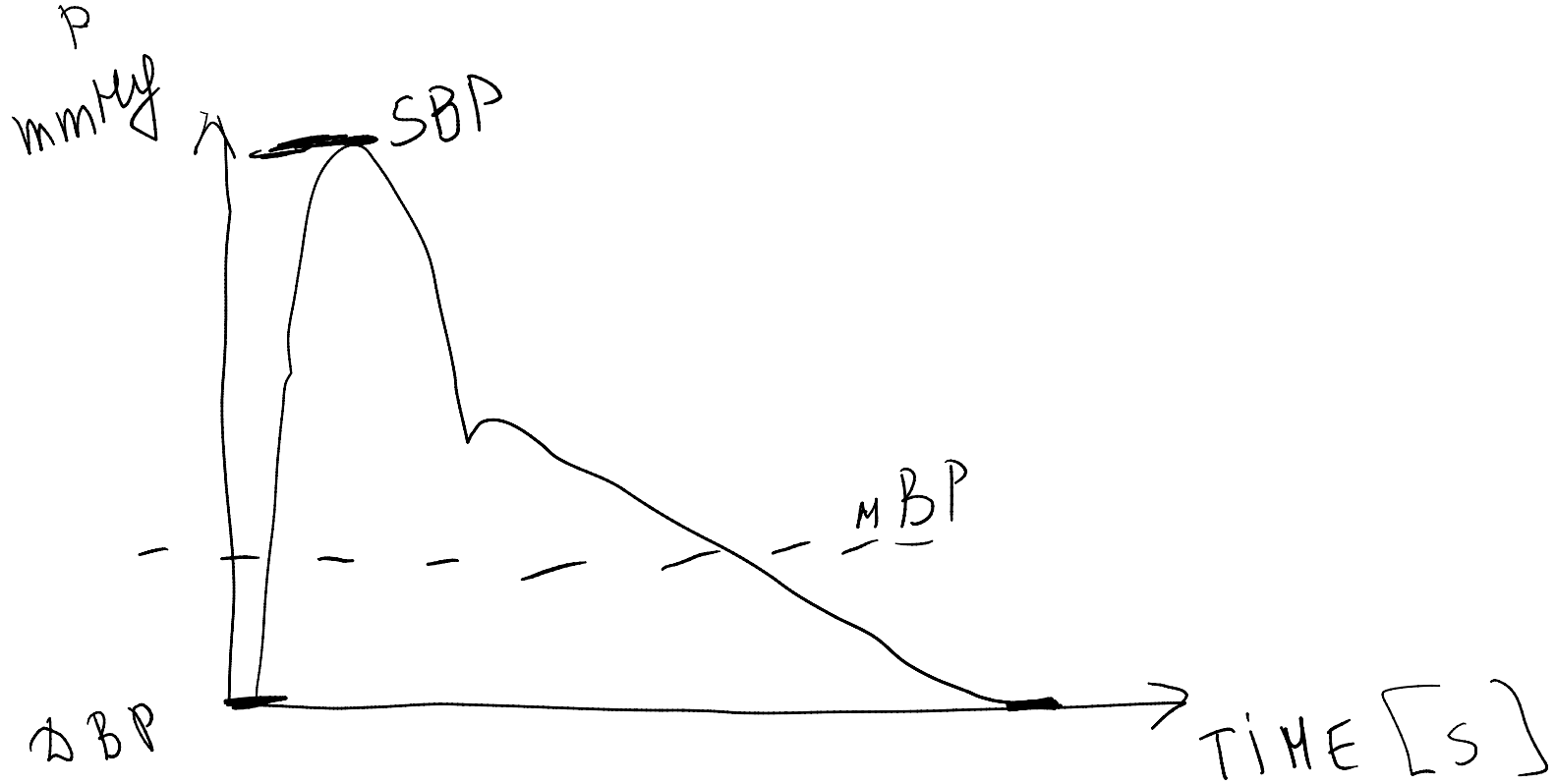
$_{N}SBP = 139\ mmHg\ (130\ mmHg)$

$_{N}DBP = 85\ mmHg$

- ENDOTHEL. C. ⇒ NO ⇒ DILATION NR.

LACTATE ⇒ DILATION

↑ pCO_2 OR ↓ pO_2 ⇒ DILATION (NOT IN LUNGS)



$$PP = SBP - DBP$$

$$MBP = DBP + \frac{1}{3} PP$$