

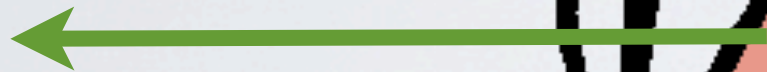
APNEIC OXYGENATION



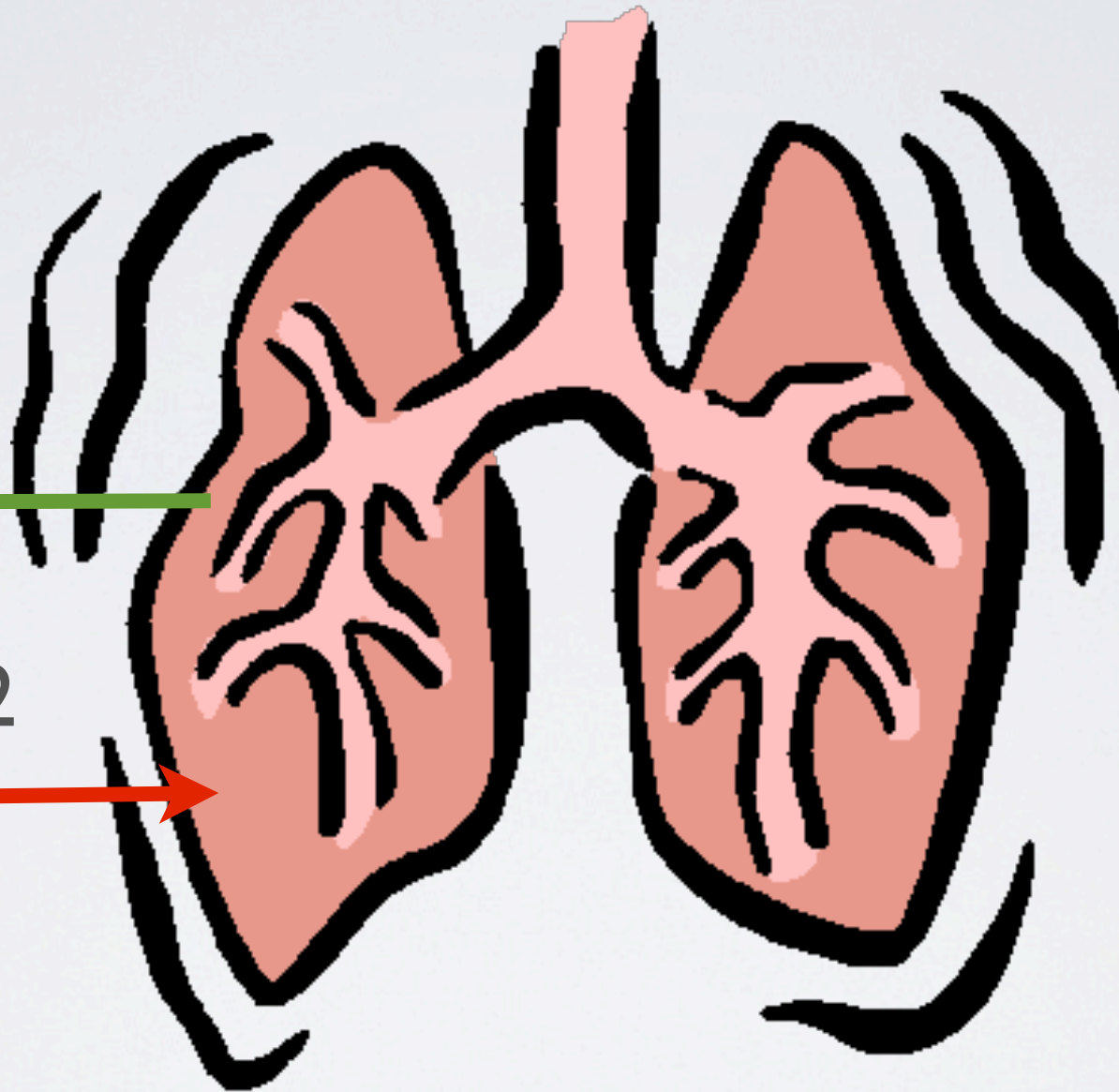
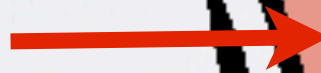
APNEIC OXYGENATION

During apnea:

250ml/min O₂



8-20ml/min CO₂



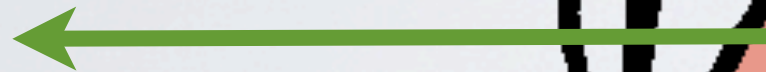
**= Slight Sub-atmospheric
pressure in alveoli**

APNEIC OXYGENATION

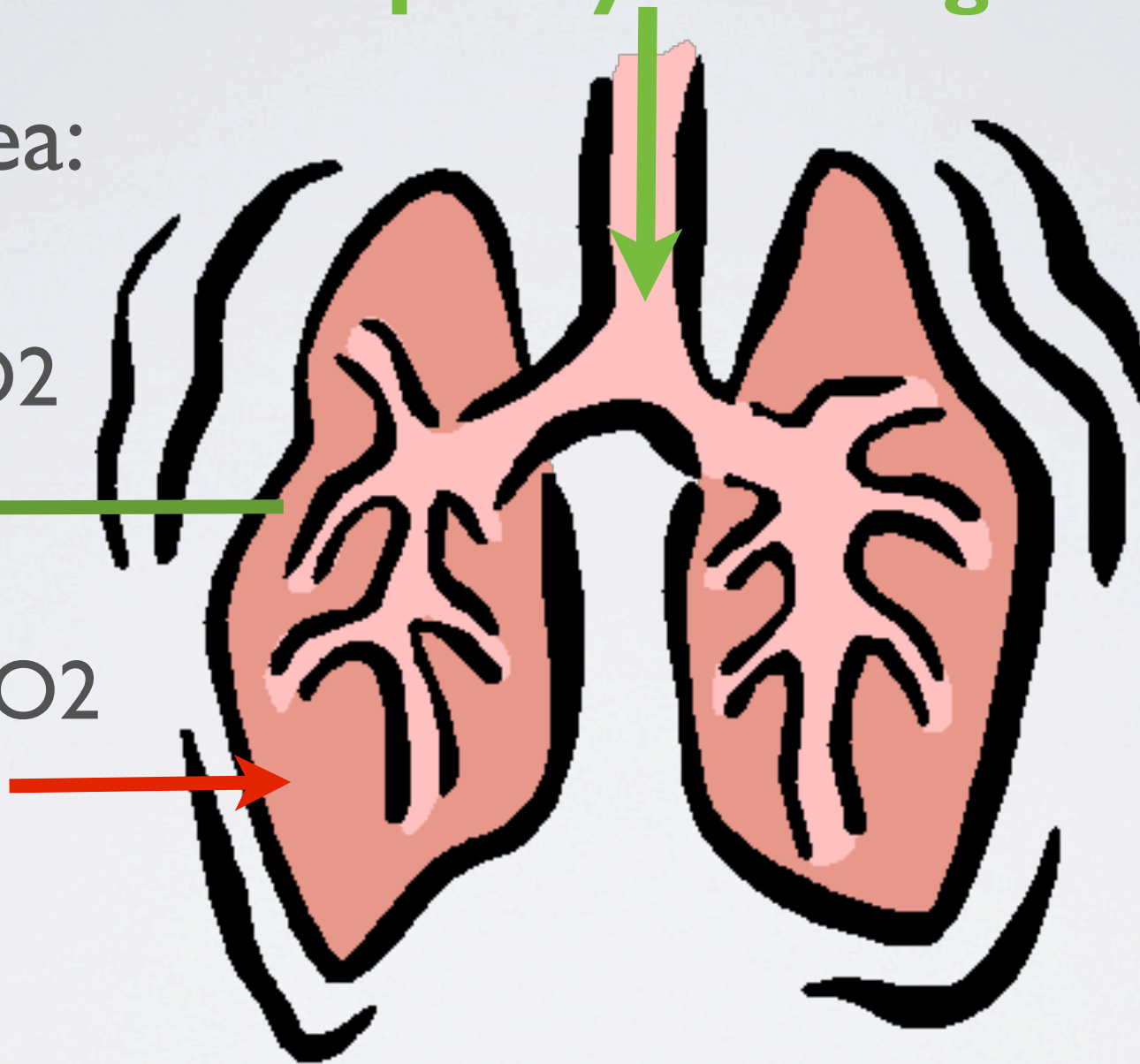
100% O₂ in nasopharynx using NC @ 15l/min

During apnea:

250ml/min O₂



8-20ml/min CO₂

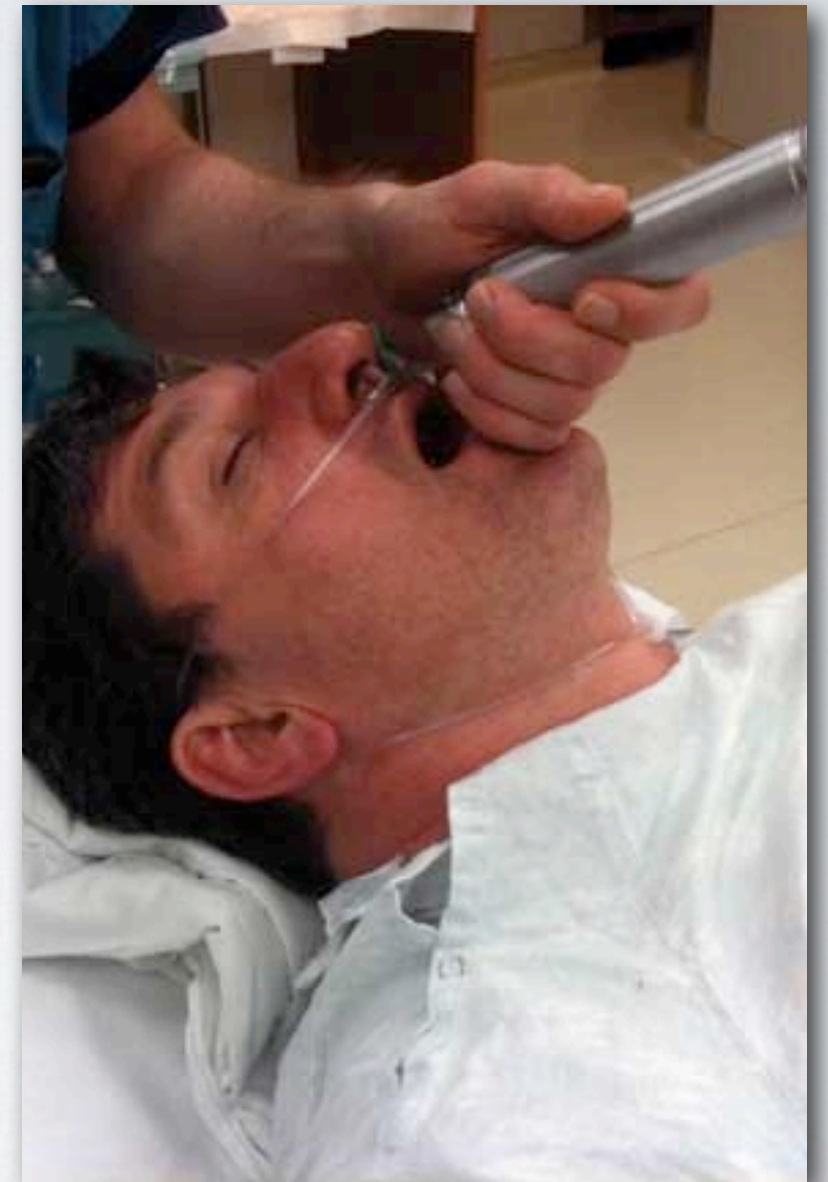


*generates flow of 100% O₂
from pharynx to alveoli*

BLAST FROM THE PAST

APNEIC OXYGENATION IN MAN, ANESTHESIOLOGY 1959, NOV/DEC;789-798

Subject	Apnea duration (Minutes)	Lowest arterial saturation	Lowest pH	Highest PaCO₂
1	30	100	-	-
2	45	100	-	-
3	55	100	-	-
4	45	100	6.88	160
5	18	99	6.97	130
6	45	98	6.87	160
7	53	98	6.72	250
8	38	100	6.96	130





***APNEIC OXYGENATION
FOR EVERY INTUBATION***