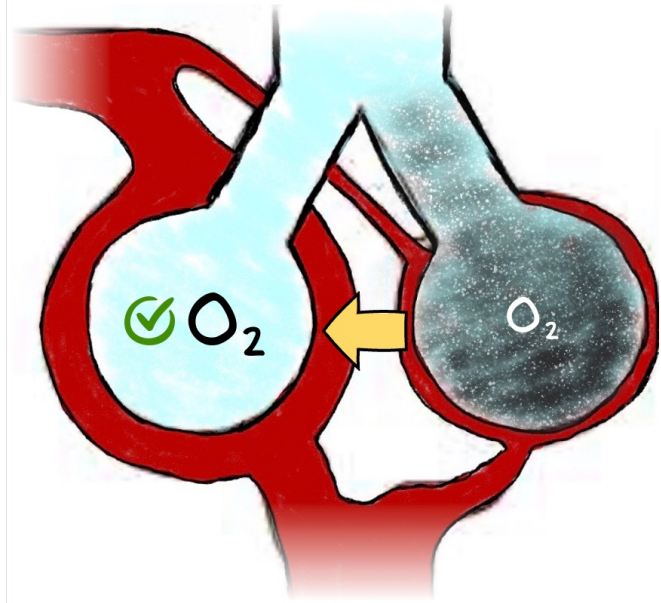


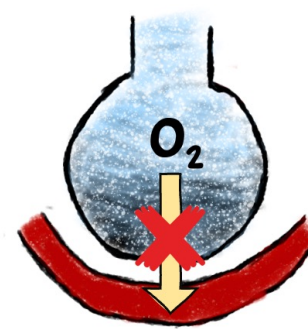
POCKET INTENSIVIST: VENTILATION-PERFUSION MATCHING



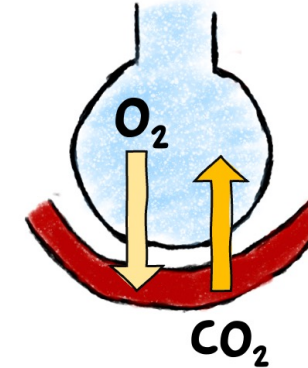
Hypoxic pulmonary vasoconstriction

Directs blood towards the best oxygenated regions of the lungs to ensure VQ-matching

VENTILATION-PERFUSION (VQ) MATCHING



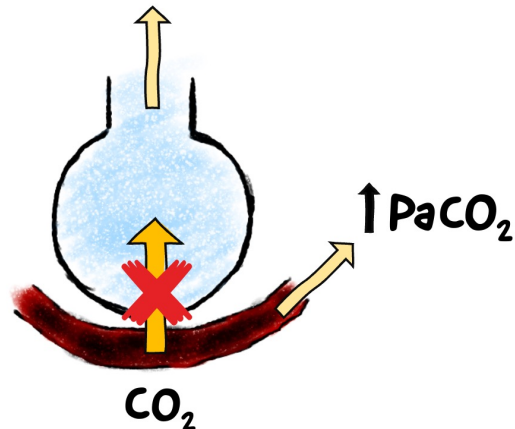
SHUNT



DEAD SPACE

Arterial CO₂ >>
End-Tidal CO₂
=
Physiologic
Dead Space

THE END-TIDAL CO₂
DOES NOT INCREASE



Increasing
the minute
ventilation
does not fix
physiologic
dead space

↑ RESPIRATORY RATE
AND TIDAL VOLUME

