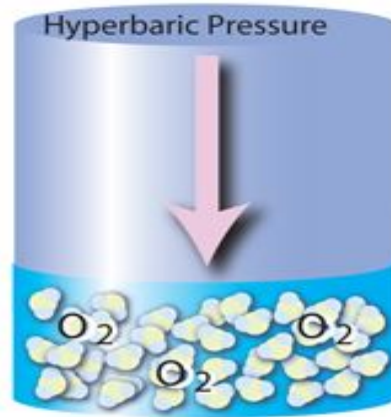
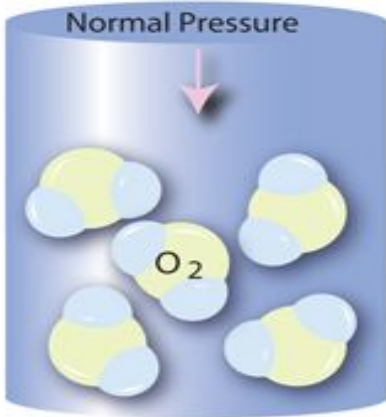
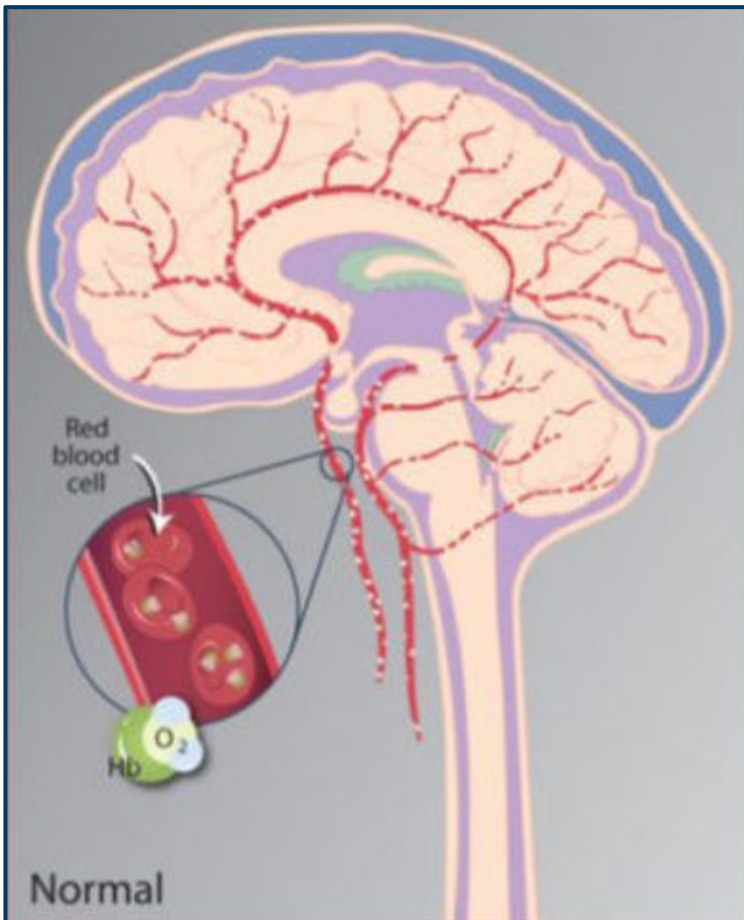


Transportation of Oxygen in the Human Brain Under Hyperbaric Conditions



Oxygen molecules become smaller under hyperbaric pressure and therefore more soluble. The smaller size allows oxygen to dissolve into all body fluids - plasma, cerebrospinal, interstitial, lymphatic, and sinovial.



Under normal conditions, oxygen binds only to hemoglobin (Hb) in red blood cells and is transported to the brain by blood supply.

Under hyperbaric conditions, the brain is saturated by oxygen, allowing oxygen to reach areas previously inaccessible by blood supply or blocked by damage.

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