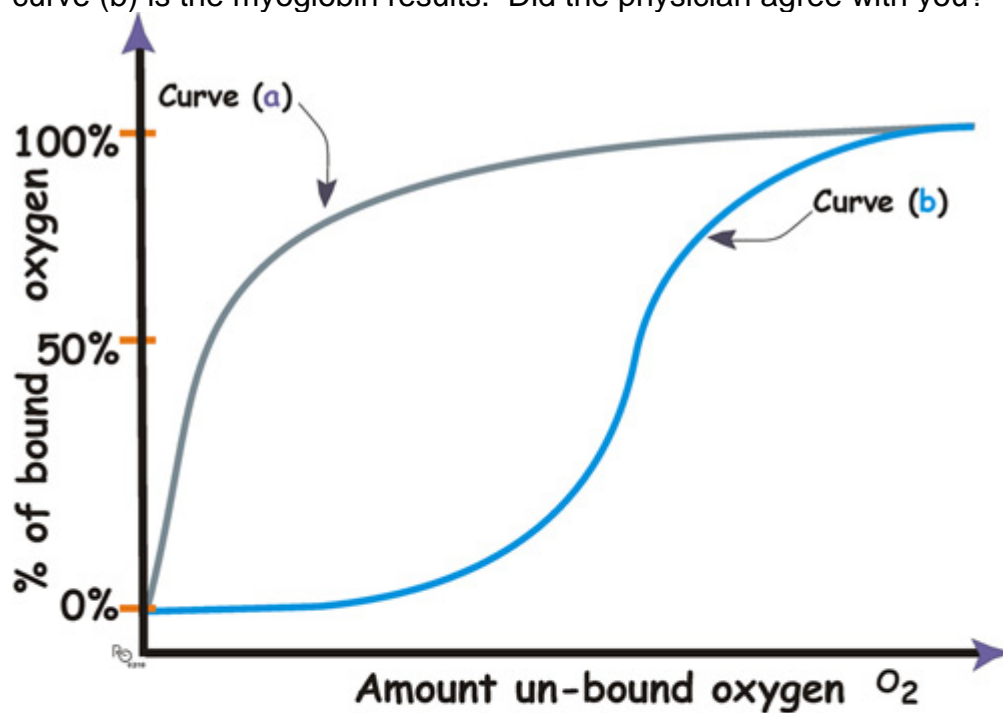


sTEem at work puzzle #4

Your latest technician challenge deals with an assignment at a medical testing facility. For whatever reason the two curves below were not labeled after the tests were completed. After checking the records you have learned that the blood work was for B.J. Moose. The workup was to analysis his myoglobin and hemoglobin stress test result. You have decided that the curve (b) is the myoglobin results. Did the physician agree with you?



- Myoglobin is a protein in red muscle tissue that stores oxygen.
- Hemoglobin is a protein in red blood cells that transports oxygen to the red muscle tissue.
- The curves above show the protein to oxygen bonding (affinity) relationships for both globins.

Curve (b) describes the myoglobin to oxygen affinity (bonding) relationship.

Yes No

