• Anoxic Cells: requires higher dose to produce a given effect

Oxygen Enhancement Ratio

- Designed to measure the magnitude of the oxygen effect
- Formula:

D<sub>0</sub> (anoxic) to produce an effect

 $OER = \frac{D_0 \text{ (oxygenated) to produce the same effect}}{D_0 \text{ (oxygenated) to produce the same effect}}$ 

LET determines the magnitude of RBE & OER!

