

# **General Conclusions from the Literature**

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- **There is some threshold partial pressure for oxygen toxicity**
- **The rate of onset of toxicity is proportional to the oxygen partial pressure and the duration of exposure**
- **Exposure of healthy individuals to normobaric hyperoxia can result in toxicity**

# Recommended Clinical Use of Supplemental Oxygen

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- **50% Oxygen**
  - Can be used for an unlimited period of time
- **100% Oxygen**
  - Limit to 12 to 24 hours
- **60% Oxygen**
  - Exposure for more than 48 hours is considered a toxic exposure
- **General Recommendation (Best Practice)**
  - Monitor blood gases and maintain SaO<sub>2</sub> between 80 to 100%

# The Oxygen Bar: Beneficial or Detrimental?

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