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Title: Calculation of the percentage of a narcotic gas to permit abolition of the high pressure nervous syndrome

Authors: Simon, S
Katz, Y
Bennett, PB

Keywords: nitrogen
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Issue Date: 1975

Abstract: A theoretical method is derived for computation of the interactin of pressure and a weak anesthetic such as nitrogen or other narcotic gases in a two-dimensional material so as to prevent signs and symptoms of the high pressure nervous syndrome. A ratio of one part nitogen to 9 parts helium (pressure) is derived, which is in excellent agreement with previous human experiments in men at 31 ATA, with PO₂ = 0.5 ATA. *Diving Helium/poisoning Human Nervous System Diseases/*prevention & control Nitrogen Oxygen Pressure/adverse effects Support, U.S. Gov't, Non-P.H.S.

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