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Title: Measurement of helium elimination from man during decompression breathing air or oxygen

Authors: Kindwall, EP

Keywords: human
helium elimination
decompression

Issue Date: 1975

Abstract: Air breathing was compared with oxygen breathing during decompression from an 80-20 percent helium-oxygen dive to a depth equivalent to 120 fsw (4.6 ATA) in a dry chamber to see which was the most efficient gas for helium elimination. Helium elimination was measured in a closed circuit system for 90 min at the 40-fsw (2.2 ATA) stop. No significant difference was found in the efficiency of helium elimination breathing either air or oxygen in the five subjects tested.

Description: Undersea and Hyperbaric Medical Society, Inc. (http://www.uhms.org)

URI: PMID: 1226585
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