

UNDERSEA AND HYPERBARIC MEDICINE

The Journal of the Undersea & Hyperbaric Medical Society Inc.

CONTENTS • VOLUME 45 • NUMBER 3 • MAY/JUNE 2018

| | | |
|--|---|-------|
| DIVING | Incidence of otic barotrauma in Canadian Armed Forces shallow-water diver candidate students 2011-2015 LCdr KD Brett, WAJ Meintjes | 249 |
| | Effects of sleep and fatigue on teams in a submarine environment Sarah Chabal, Rebecca Welles, Lt.Cmdr. F. Jay Haran, Rachel Markwald | 257 |
| | Consensus guideline: Pre-hospital management of decompression illness: expert review of key principles and controversies Simon J. Mitchell, Michael H. Bennett, Phillip Bryson, et al. | 273 |
| | The Gradient Perfusion Model Part 1: Why and at what sites decompression sickness can occur Michael B. Strauss, Lientra Q. Lu, Stuart S. Miller | 287 |
| | The Gradient Perfusion Model Part 2: Substantiation of the GPM with clinical cases Michael B. Strauss, Lientra Q. Lu, Stuart S. Miller | 297 |
| | The Gradient Perfusion Model Part 3: An extraordinary case of decompression sickness Lientra Q. Lu, Michael B. Strauss, Stuart S. Miller | 307 |
| Risk perception in small-scale fishers and hyperbaric personnel: A risk assessment of hookah diving Oswaldo Huchim-Lara, Juan Carlos Seijo | 313 | |
| CLINICAL & CASE | Protective effects of hyperbaric oxygen preconditioning against LPS-induced acute lung injury in rats Chongfeng Bai, Tao Li, Yi Chen, et al. | 323 |
| | Neuronal nitric oxide inhibition attenuates the protective effect of HBO₂ during cyanide poisoning Morten Hedetoft, Peter Polzik, Niels Vidiendal Olsen, Ole Hyldegaard | 335 |
| | PDTC ameliorates decompression induced-lung injury caused by unsafe fast buoyancy ascent escape via inhibition of NF-κB pathway Hai-Tao Wang, Yi-Qun Fang, Pu You, et al. | 351 |
| | Efficacy of hyperbaric oxygen therapy as a supplementary therapy of sudden sensorineural hearing loss in the Slovak republic Zdenka Krajčovičová, Vladimír Meluš, Rastislav Zigo, et al. | 363 |
| | Stability of residual hearing and cochlear implant function following multiple scuba dives: case report Daniel M. Zeitler, Galit Almosnino, James R. Holm. | 371 |
| LETTERS, POLICY, MORE | Call for a multicenter study on the intra-subject variability of venous gas emboli | 377 |
| | Excessive mechanism research about HBO₂ on peripheral neuropathic pain. | 378 |
| | UHMS Position Statement: Topical oxygen for chronic wounds | 379 |
| | UHMS-accredited facilities. | 3-9 |
| | UHMS Corporate members. | 10-11 |
| | UHMS supporters, partners and house ads | 12-19 |