

CONTENTS

Diving and Hyperbaric Medicine Volume 50 No.3 September 2020

Editorial

- 205 The Editor's offering

Original articles

- 206 **The effect of hyperbaric oxygen treatment on late radiation tissue injury after breast cancer: A case-series of 67 patients**
Nicole E Spruijt, Roy van den Berg
- 214 **Endothelial function may be enhanced in the cutaneous microcirculation after a single air dive**
François Guerrero, Kate Lambrechts, Qiong Wang, Aleksandra Mazur, Michaël Théron, Alessandro Marroni
- 220 **Scuba diving fatalities in Australia 2001 to 2013: Chain of events**
John Lippmann, David McD Taylor
- 230 **Evaluation of pressure in water-filled endotracheal tube cuffs in intubated patients undergoing hyperbaric oxygen treatment**
Younès Benzidi, Thibault Duburcq, Daniel Mathieu, Erika Parmentier-Decrucq
- 238 **Assessment of insulin sensitivity during hyperbaric oxygen treatment**
David Wilkinson, Suzy Szekely, Brian Gue, Charmaine S Tam, Ian Chapman, Leonie K Heilbronn
- 244 **The evaluation of in-chamber sound levels during hyperbaric oxygen applications: Results of 41 centres**
Taylan Zaman, Abdusselam Celebi, Bengusu Mirasoglu, Akin Savas Toklu
- 250 **An observational trial to establish the effect of hyperbaric oxygen treatment on pelvic late radiation tissue injury due to radiotherapy**
James Andren, Michael H Bennett
- 256 **Thermal balance of spinal cord injured divers during cold water diving: A case control study**
Urska Gajsek, Arne Sieber, Zarko FINDERLE

Review article

- 264 **Monoplace chamber treatment of decompression illness: Review and commentary**
Richard Clarke

Guidelines

- 273 **South Pacific Underwater Medicine Society guidelines for cardiovascular risk assessment of divers**
Nigel Jepson, Rienk Rienks, David Smart, Michael H Bennett, Simon J Mitchell, Mark Turner
- 278 **Diving after SARS-CoV-2 (COVID-19) infection: Fitness to dive assessment and medical guidance**
Charlotte Sadler, Miguel Alvarez Villela, Karen Van Hoesen, Ian Grover, Michael Lang, Tom Neuman, Peter Lindholm

Short communication

- 288 **Pre-hydration strongly reduces decompression sickness occurrence after a simulated dive in the rat**
Qiong Wang, François Guerrero, Michaël Theron

Case reports

- 292 **Arterial gas embolism breathing compressed air in 1.2 metres of water**
Neil B Hampson, Richard E Moon
- 295 **Dysbaric osteonecrosis in technical divers: The new 'at-risk' group?**
Brendan Coleman, F Michael Davis
- 300 **Cerebral arterial gas embolism proven by computed tomography following transthoracic echocardiography using bubble contrast**
Neil DG Banham, Jacqui Saw, Graeme J Hankey, Darshan Ghia
- 303 **Hyperbaric oxygen treatment in a patient with Guillain-Barré syndrome receiving mechanical ventilation**
Lisha Song, Baopeng Xing, Weimin Yang, Haifeng Li

Letters to the Editor

- 306 **Central nervous system oxygen toxicity during 100% oxygen breathing at normobaric pressure**
Richard Moon
- 306 **Reply:**
Mirit Eynan
- 307 **Annual update on the Database of Randomised Controlled Trials in Diving and Hyperbaric Medicine**
Michael Bennett

EUBS notices and news

- 308 **EUBS President's report**
Ole Hyldegaard
- 309 **Notices and news**

SPUMS notices and news

- 311 **SPUMS President's report**
Neil Banham
- 312 **ANZHM Chair report 2020**
Neil Banham
- 314 **SPUMS Diploma in Diving and Hyperbaric Medicine**
- 315 **Courses and meetings**
- 316 **Diving and Hyperbaric Medicine: Instructions for authors (summary)**

Diving and Hyperbaric Medicine is indexed on [MEDLINE](#), [Web of Science®](#) and [Embase/Scopus](#)
Articles from 2017 are deposited in [PubMed Central®](#)