

CONTENTS

Diving and Hyperbaric Medicine Volume 49 No.3 September 2019

Editorial

- 152 **DCS or DCI? The difference and why it matters**
Simon J Mitchell

Original articles

- 154 **Calculated risk of pulmonary and central nervous system oxygen toxicity: a toxicity index derived from the power equation**
Ran Arieli
- 161 **Increasing prevalence of vestibulo-cochlear decompression illness in Malta – an analysis of hyperbaric treatment data from 1987–2017**
Charles Paul Azzopardi, Joseph Caruana, Lyubisa Matity, Stephen Muscat, WA Jack Meintjes
- 167 **Seizure frequency in more than 180,000 treatment sessions with hyperbaric oxygen therapy – a single centre 20-year analysis**
Diogo A Costa, José S Ganilha, Pedro C Barata, Francisco G Guerreiro
- 175 **Only minor stem cell mobilization in head and neck irradiated patients treated with hyperbaric oxygen**
Lone Forner, Adela Berkowicz, Ebbe Dickmeiss, Ole Hyldegaard, Erik C Jansen, Anne Fischer-Nielsen
- 186 **Assessment of sensory sensitivity through critical flicker fusion frequency thresholds after a maximum voluntary apnoea**
Francisco de Asís Fernández, Fernando González-Mohino, José M González-Ravé
- 192 **Snorkelling and breath-hold diving fatalities in Australia, 2001 to 2013. Demographics, characteristics and chain of events**
John Lippmann
- 204 **Descriptive study of diving injuries in the Canary Islands from 2008 to 2017**
Fernando Guillén-Pino, Armando Morera-Fumero, Manuel Henry-Benítez, Emilio Alonso-Lasheras, Pedro Abreu-González, Vicente Medina-Arana

Review articles

- 209 **Evidence for simulation-based education in hyperbaric medicine: A systematic review**
Sylvain Boet, Olivia Cheng-Boivin, Leonardo Martin, Tomi Hurskainen, Nicole Etherington
- 216 **Is there a role for hyperbaric oxygen therapy in the treatment of refractory wounds of rare etiology?**
Pasquale Longobardi, Klarida Hoxha, Michael H Bennett

The world as it is

- 225 **A diver's guide to subaquatic envenomation in the Mediterranean**
James Todd, Mark Edsell

Case report

- 229 **A case report of cerebral arterial gas embolism (CAGE) associated with Takotsubo cardiomyopathy**
Denise McCool, Chris Butler, John Evans, Carsten Aase

Errata

- 232 **Systematic review on the effects of medication under hyperbaric conditions: consequences for the diver**
Hoencamp E, van Dongen TTCF, van Ooij PJAM, Wingelaar TT, Vervelde ML, Koch DAA, van Hulst RA, Hoencamp R

Obituary

- 233 **John Knight, 1930–2019**

EUBS notices and news

- 234 **EUBS President's message**
Ole Hyldegaard
- 234 **EUBS Secretary's notices**
- 234 **EUBS 2020–First Announcement**
- 235 **EUBS Notices and news**

SPUMS notices and news

- 236 **SPUMS President's message**
David Smart
- 238 **SPUMS 49th Annual Scientific Meeting**
- 238 **Prof David Smart, AM**
- 238 **SPUMS Notices and news**
- 240 **SPUMS Diploma in Diving and Hyperbaric Medicine**

- 241 **Courses and meetings**

- 242 **Diving and Hyperbaric Medicine: Instructions for Authors (summary)**