Imaging small animals under pressure

Treatment patterns for osteoradionecrosis of the jaws
The vascular endothelium, aging and diving
Calculating gas consumption during diving
More data needed on cost-benefit of HBOT
CSF markers of CNS injury in mild DCS
CONTENTS
Diving and Hyperbaric Medicine Volume 45 No. 4 December 2015

Editorials
217 The Editor’s offering
Michael Davis

218 Commentary: Hyperbaric oxygen treatment for wounds – evidence and the Sword of Damocles
Gerard Laden

219 The Presidents’ pages
Jacek Kot and David Smart

Original articles
221 Correction for adiabatic effects in the calculated instantaneous gas consumption of scuba dives
Nico AM Schellart, Jean-Claude Le Péchon

228 Economic outcomes in clinical studies assessing hyperbaric oxygen in the treatment of acute and chronic wounds
Trientje B Santema, Robert M Stoekenbroek, Koen C van Steekelenburg, Rob A van Hulst, Mark JW Koelemay, Dirk T Ubbink

Review article
235 The aging diver: endothelial biochemistry and its potential implications for cardiovascular health
Simin Berenji Ardestani, Peter Buzzacott, Ingrid Eftedal

Short communications
240 Cerebrospinal fluid markers of central nervous system injury in decompression illness – a case controlled pilot study
Pashtun Shahim, Per Arnell, Andreas Kvarnström, Anders Rosén, Daniel Bremell, Lars Hagberg, Kaj Blennow, Henrik Zetterberg

244 Comparison of Australian and New Zealand referral rates for hyperbaric oxygen in oro-facial osteoradionecrosis: Evidence-based, funding constraint or clinician whim?
Christopher Sames, Desmond F Gorman, Peter Sandiford, Lifeng Zhou

Technical report
247 A CT-, PET- and MR-imaging-compatible hyperbaric pressure chamber for baromedical research
Kasper Hansen, Esben SS Hansen, Lars P Tolbod, Martin C Kristensen, Steffen Ringgaard, Alf O Brubakk, Michael Pedersen

Case report
255 Immersion pulmonary oedema and Takotsubo cardiomyopathy
Andrew Ng, Carl Edmonds

Critical appraisal
258 A single hyperbaric oxygen exposure preoperatively may modulate inflammatory markers and clinical complications following pancreatectodudenectomy
Michael Bennett

The world as it is
259 British Sub-Aqua Club (BSAC) diving incidents report 2014
Colin M Wilson

Letter to the Editor
261 Cutis marmorata and cerebral arterial gas embolism
Peter T Wilmshurst

262 Reply:
Tom Kemper, Robert Weenink, Rob van Hulst

Book reviews
263 Deep into deco: the diver’s decompression textbook
Greg van der Hulst, Rob Edward

264 The Science of Diving
Enrico Camporesi, Gerardo Bosco

266 Oxygen and the brain; the journey of our life time
Alf O Brubakk

Continuing professional development
267 Women in diving
Jagoda Szkurlat

The world as it might be
269 Correlation of wavelength and amplitude of visual peripheral stimuli with decompression sickness in ‘teckies’: a triple-blinded, power-analysed study
Arne ‘Santa’ Sieber, Lesley ‘Prancer’ Blogg, Ingrid ‘Dancer’ Eftedal, Andreas ‘Rudolph’ Møllerløkken

SPUMS notices and news
271 SPUMS ASM 2016

271 ANZCA Certificate in DHM

272 SPUMS Diploma in DHM

EUBS notices and news
273 42nd EUBS Annual Scientific Meeting 2016

273 Zetterström Award 2015

273 Ultrasound 2015 Meeting report

274 EUBS ASM 2015 Report
Jordi Desola

272 Erratum

275 Courses and meetings