EDITORIALS
The Editor’s offering
Davis M
Hyperbaric oxygen therapy; Chronic wounds; Transcutaneous oximetry; Diving industry; Safety; General interest
Editorials; Oxygen; Toxicity; In-water ecompression (IWR); General interest
2018 June;48(2):71.
Doppler; Editorials; Inner ear; Barotrauma; Medical database; General interest
2018 September;48(3):129.
General interest; Medical society; Writing – medical; Editorials
Editorials
The future of diving research in Norway
Møllerløkken A
Decompression sickness; Diving research; History; Research; Editorials
Decompression sickness, fatness and active hydrophobic spots
van Ooij PJAM
Malnutrition screening in outpatients receiving hyperbaric oxygen therapy: an opportunity for improvement?
Tatucu-Babet OA, Ridley EJ
Nutrition; Chronic wounds; Editorials

ORIGINAL ARTICLES
Transcutaneous oximetry: variability in normal values for the upper and lower limb
Blake DF, Young DA, Brown LH
Hyperbaric oxygen therapy; Oxygen; Patient monitoring; Standards; Wounds
Long-term changes in spirometry in occupational divers: a 10–25 year audit
Sames C, Gorman D, Mitchell S, Zhou L
Lung function; Fitness to dive; Surveillance; Occupational diving; Medicals – diving
Modern assessment of pulmonary function in divers cannot rely on old reference values
Wingelaar TT, Clarjts P, van Ooij PJAM, Koch DAA, van Hulst RA
Fitness to dive; Flowchart; Global lung initiative; Lung function; Standards; Military diving
Challenges in profiling Australian scuba divers through surveys
Lippmann J, McD Taylor D, Stevenson C, Williams J
Survey; Fitness to dive; Health surveillance; Cardiovascular; Scuba divers; Recreational divers
Hyperbaric oxygen therapy in thromboangiitis obliterans: a retrospective clinical audit
Hemsinli D, Altun G, Tuba Kaplan S, Yildirim F, Cebi G
Buerger’s disease; Chronic wounds; Pain; Outcome
Audit of practice in Australian and New Zealand hyperbaric units on the incidence of central nervous sytem oxygen toxicity
Sherlock S, Way M, Tabah A
Central nervous system; Clinical audit; Diving tables; Hyperbaric oxygen therapy; Toxicity
2018 June;48(2):73–78. doi. 10.28920/dhm48.2.73-78. PMID: 29888378. PMCID: PMC6156828.
Reliability of venous gas embolism detection in the subclavian area for decompression stress assessment following scuba diving
Bubbles; Cardiovascular; Doppler; Air; Statistics; Decompression sickness; Risk
Provisional report on diving-related fatalities in Australian waters 2012
Lippmann J, Lawrence CL, Fock A, Jamieson S
Diving deaths; Scuba; Breath-hold diving; Surface-supply breathing apparatus (SSBA); Diving incidents; Case reports
Impact of various pressures on fracture resistance and microleakage of amalgam and composite restorations
Shafigh E, Fekrazad R, Beglou A
Diving; Aviation; Dental; Barotrauma
Meta-analysis on the effect of hyperbaric oxygen as adjunctive therapy in the outcome of anastomotic healing of experimental colorectal resections in rats
Brouwer RJ, Engberts AC, Borger van der Burg BLS, van Dongen TTCF, van Hulst RA, Hoencamp R
Surgery; Gastrointestinal tract; Animal model; Hyperbaric research; Systematic review
Comparison of tissue oxygenation achieved breathing oxygen from a demand valve with four different mask configurations
Blake DF, Crowe M, Lindsay D, Brouff A, Mitchell SJ, Pollock NW
Decompression sickness; First aid; Masks; Medical kits; Oxygen; Transcutaneous oximetry; Scuba diving
Decompression illness and other injuries in a recreational dive charter operation
Hubbard M, Davis FM, Malcolm K, Mitchell SJ
Scuba diving; Diving at work; Diving incidents; Health surveys; Decompression sickness; Epidemiology
Fatal shark attacks on divers in Australia, 1960–2017
Lippmann J
Diving; Marine animals; Diving incidents; Deaths; Injuries; Spearfishing; Snorkelling
Assessment of hyperbaric patients at risk of malnutrition using the Malnutrition Screening Tool: a pilot study
See HG, Tan YR, Au-Yeung KL, Bennett MH
Chronic wounds; Hyperbaric oxygen therapy; Nutrition assessment; Outpatients; Prevalence
Preventive effects of ketone ester BD-AcAc2 on central nervous system oxygen toxicity and concomitant acute lung injury
Hyperbaric oxygen; Hyperoxia; Injuries; Respiratory; Animal model; Pharmacology
TECHNICAL REPORTS
Storage of partly used closed-circuit rebreather carbon dioxide absorbent canisters
Pollock NW, Gant N, Harvey D, Mesley P, Hart, J, Mitchell SJ
Hypercapnia; Technical diving; Soda lime; Respiratory; Equipment
Performance of the Oxylog® 1000 portable ventilator in a hyperbaric environment
Lie SA, Loy ST, Lee CC, Kim SJ, Soh CR
Equipment; Performance; Pressure; Hyperbaric research; Safety
Repeated hyperbaric exposure and glass ampoule safety
Teoh SY, Vangaveti VN
Pharmacology; Equipment; Safety; Risk assessment; Pressure
Validation of algorithms used in commercial off-the-shelf dive computers
Fraedrich D
Decompression; Decompression sickness; Deep diving; Computers-diving; Simulation
REVIEW ARTICLES
Rhinologic and oral-maxillofacial complications from scuba diving: a systematic review with recommendations
Livingstone DM, Lange B
Dental; ENT; Rhinolog; Barotrauma; Treatment; Review article
In-water recompression
Doolette DJ, Mitchell SJ
Decompression sickness; Decompression illness; First aid; Treatment; Oxygen; Remote locations; Technical diving
CONSENSUS GUIDELINES
Pre-hospital management of decompression illness: expert review of key principles and controversies
Mitchell SJ, Bennett MH, Bryson P, Butler FK, Doolette DJ, Holm JR, Kot J, Lafère P
Decompression sickness; Arterial gas embolism; Recompression; Remote locations; First aid; In-water recompression (IWR); Transport

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The Australian Mid-West Coastal Marine Wound Infections Study
Andy Foote, Robert Henderson, Andrew Lindberg, Carolyn Grigg, Charlie Greenfield, Andrew B Kirke, Kirsten Auret
Injuries; Marine animals; Bacteriology; Treatment; Reprinted from 2018 March;48(1):56.
Hyperbaric oxygenation for tumour sensitisation to radiotherapy. Cochrane database of systematic reviews (Online) 2018, Issue 4. Art. No.: CD005007
Bennett MH, Feldmeier J, Smee R, Milross C
Evidence; Medicine; Cancer; Abstract; Reprinted from 2018 June;48(2):116–7.
An evidence-based system for health surveillance of occupational divers:
Sames S, Gorman DF, Mitchell SJ, Sandiford P
Fitness to dive; Occupational health; Diving industry; Abstract; Reprinted from 2018 June;48(2):117.
Immersion pulmonary edema and comorbidities: case series and updated review
Peacher DF, Martina SD, Otteni CE, Wester TE, Potter JF, Moon RE
Medical conditions and problems; Cardiovascular;
Pulmonary function; Abstract; Reprinted from 2018 June;48(2):118.
Ictal mammalian dive response: a likely cause of sudden unexpected death in epilepsy
Jose L Vega
Sudden unexpected death in epilepsy; SUDEP; Mammalian dive response; MDR; Pulmonary edema; Diving bradycardia; Apnea; Demargination
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Toxicopathological effects of the sunscreen UV filter, oxybenzone (benzophenone-3), on coral planulae and cultured primary cells and its environmental contamination in Hawaii and the U.S. Virgin Islands
Downs CA, Kramarsky-Winter E, Segal R, Fauth J, Knutson S, and 11 others

PROFESSIONAL DEVELOPMENT MEETING SUMMARY
Hull DCI study day – optimising outcomes
Blogg L, Laden G
Decompression illness; Treatment; Outcome; Meetings

LETTERS TO THE EDITOR
Do skin rash and cutis marmorata stem from lamellar bodies within the skin?
Arieli R
Skin; Decompression illness; Bubbles; Hypothesis; Letters (to the Editor)
Fatty diet, active hydrophobic spots, and decompression sickness
Arieli R

BALTIC DIVING AND HYPERBARIC MEDICINE SYMPOSIUM 2018
Sharp F
No keywords
2018 September;48(3):198.
COMMENT
Evidence brief: hyperbaric oxygen therapy (HBOT) for traumatic brain injury and/or post-traumatic stress disorder
Bennett MH
Hyperbaric research; Central nervous system; Medical condition and problems; Outcome

BOOK REVIEWS
Gas bubble dynamics in the human body
Saul Goldman, J Manuel Solano-Altamirano, Kenneth M LeDez, editors
Fitz-Clarke J
Bubbles; Models; Diving tables; Decompression illness; Book reviews

Textbook of chronic wound care: an evidence-based approach for diagnosis and treatment
Jayesh B Shah, Paul J Sheffield, Caroline E Fife, editors
Muth CM
Chronic wounds; Textbook; Book reviews

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ERRATA
Smart D
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SPUMS Diploma in Diving and Hyperbaric Medicine
Wilkinson D
Qualifications; Underwater medicine; Hyperbaric oxygen; Research; Medical society

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Szekely S

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Smart D
Hyperbaric medicine; General interest
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2018 September;48(3):203.

Honours for Richard Harris and Craig Challen
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The Science of Diving
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2018 June;48(2):126.
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Kot J
2018 March;48(1):64.
Medical society; General interest
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Medical society; General interest
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Jacek Kot, President, EUBS
Medical society; General interest
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