

Diving and Hyperbaric Medicine

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EDITORIALS

The Editor's offering

Mitchell SJ

2020 March 31;50(1):1.

Mitchell SJ

2020 September 30;50(3):205.

Mitchell SJ

2020 December 20;50(4):317.

Editorials

March 50 (1) 2020

Diving and hyperbaric medicine in the SARS-CoV-2 pandemic

Mitchell SJ

Covid-19; Hyperbaric oxygen treatment; Fitness for diving; Pulmonary barotrauma; Decompression sickness

2020 June 30;51(2):90–91. doi: 10.28920/dhm50.2.90-91. PMID: 32557408.

ORIGINAL ARTICLES

March 50 (1) 2020

Assessment of pulmonary oxygen toxicity in special operations forces divers under operational circumstances using exhaled breath analysis

Wingelaar TT, Brinkman P, Hoencamp R, van Ooij PJAM, Maitland-van der Zee AH, Hollmann MW, van Hulst RA

Volatile organic compounds; VOCs; Gas chromatography-mass spectrometry; GC-MS; Methyl alkanes; Oxygen rebreather diving; O₂-CCR

2020 March 31;50(1):2–8. doi: 10.28920/dhm50.1.2-8. PMID: 32187611.

Factors influencing the severity of long-term sequelae in fishermen-divers with neurological decompression sickness

Blatteau JE, Lambrechts K, Ruffez J

Diving; Bubbles; Decompression sickness; Fisherman diver; Neurologic sequelae; Hyperbaric oxygen; In-water recompression

2020 March 31;50(1):9–16. doi: 10.28920/dhm50.1.9-16. PMID: 32187612.

Measurement of peripheral arterial tonometry in patients with diabetic foot ulcers during courses of hyperbaric oxygen treatment

Hedetoft M, Olsen NV, Smidt-Nielsen IG, Wahl AM, Bergström A, Juul A, Hyldegaard O

Endothelium; Diabetes; Hyperbaric Research; Wounds

2020 March 31;50(1):17–23. doi: 10.28920/dhm50.1.17-23. PMID: 32187613.

Haemoconcentration, not decreased blood temperature, increases blood viscosity during cold water immersion

Rostomily KA, Jones DM, Pautz CM, Ito DW, Buono MJ

Blood viscosity; Cold; Hemoconcentration; Hypothermia; Ice; Physiology; Stress

2020 March 31;50(1):24–27. doi: 10.28920/dhm50.1.24-27. PMID: 32187614.

Professional diver routine health surveillance and certification: an internet-based satisfaction survey of New Zealand divers

Sames C, Gorman DF, Mitchell SJ, Zhou L

Diving industry; Fitness to dive; Health surveillance; Medicals – diving; Occupational diving; Occupational health; Survey

2020 March 31;50(1):28–33. doi: 10.28920/dhm50.1.28-33. PMID: 32187615.

Comparison of tissue oxygenation achieved breathing oxygen using different delivery devices and flow rates

Blake DF, Crowe M, Lindsay D, Brouff A, Mitchell SJ, Leggat PA, Pollock NW

Decompression sickness; Decompression illness; First aid; Masks; Medical kits; Oxygen; Transcutaneous oximetry; Scuba diving

2020 March 31;50(1):34–42. doi: 10.28920/dhm50.1.34-42. PMID: 32187616.

Manned validation of a US Navy Diving Manual, Revision 7, VVal-79 schedule for short bottom time, deep air decompression diving

Andrew BT, Doolette DJ

Military diving; Decompression sickness; Decompression illness; Decompression tables; Diving research;

Echocardiography; Venous gas emboli

2020 March 31;50(1):43–48. doi: 10.28920/dhm50.1.43-48. PMID: 32187617.

ORIGINAL ARTICLES Continued.

June 50 (2) 2020

Recreational diving-related injury insurance claims among Divers Alert Network Japan members: Retrospective analysis of 321 cases from 2010 to 2014

Kojima Y, Kojima A, Niizeki Y, Yagishita K

Decompression illness; Decompression sickness; Diving incidents; Epidemiology; Injuries; Risk; Trauma
2020 June 30;50(2):92–97. doi: 10.28920/dhm50.2.92-97. PMID: 32557409.

Medical conditions in scuba diving fatality victims in Australia, 2001 to 2013

Lippmann J, Taylor D McD.

Autopsy; Cardiac; Diving deaths; Fitness to dive; Immersion; Medical conditions and problems
2020 June 30;50(2):98–104. doi: 10.28920/dhm50.2.98-104. PMID: 32557410.

Scuba diving fatalities in Australia, 2001 to 2013: Diver demographics and characteristics

Lippmann J, Stevenson C, Taylor D McD

DAN – Divers Alert Network; Diving deaths; Diving incidents; Obesity; Research; Solo diving
2020 June 30;50(2):105–114. doi: 10.28920/dhm50.2.105-114. PMID: 32557411.

Pupillometry is not sensitive to gas narcosis in divers breathing hyperbaric air or normobaric nitrous oxide

Vrijdag XCE, van Waart H, Sleight JW, Mitchell SJ

Diving research; Nitrogen; Nitrous oxide; Physiology
2020 June 30;50(2):115–120. doi: 10.28920/dhm50.2.115-120. PMID: 32557412.

Deep anaesthesia: The Thailand cave rescue and its implications for management of the unconscious diver underwater

van Waart H, Harris RJ, Gant N, Vrijdag XCE, Challen CJ, Lawthaweesawat C, Mitchell SJ

Cave diving; Ketamine; Anaesthesia; Anesthesia; Unconsciousness; Full face mask; Equipment
2020 June 30;50(2):121–129. doi: 10.28920/dhm50.2.121-129. PMID: 32557413.

Anxiety impact on scuba performance and underwater cognitive processing ability

Tsai F-H, Wu W-L, Liang J-M, Hsu H-T, Chen T-Y

Diving research; Personality; Psychology; Scuba diving; Training

2020 June 30;50(2):130–134. doi: 10.28920/dhm50.2.130-134. PMID: 32557414.

September 50 (3) 2020

The effect of hyperbaric oxygen treatment on late radiation tissue injury after breast cancer: A case-series of 67 patients

Spruijt NE, van den Berg R

Radiotherapy; Soft-tissue radionecrosis; Hyperbaric medicine; Pain

2020 September 30;50(3):206–213. doi: 10.28920/dhm50.3.206-213. PMID: 32957121.

Endothelial function may be enhanced in the cutaneous microcirculation after a single air dive

Guerrero F, Lambrechts K, Wang Q, Mazur A, Théron M, Marroni A

Scuba diving; Circulation; Skin; Endothelium; Doppler; Iontophoresis

2020 September 30;50(3):214–219. doi: 10.28920/dhm50.3.214-219. PMID: 32957122.

Scuba diving fatalities in Australia 2001 to 2013: Chain of events

Lippmann J, Taylor DM

Coroners findings; Diving incidents; Deaths; Drowning; Fitness to dive; Medical conditions and problems; Root cause analysis

2020 September 30;50(3):220–229. doi: 10.28920/dhm50.3.220-229. PMID: 32957123.

Evaluation of pressure in water-filled endotracheal tube cuffs in intubated patients undergoing hyperbaric oxygen treatment

Benzidi Y, Duburcq T, Mathieu D, Parmentier-Decrucq E

Intensive care medicine; Mechanical ventilation; Cuff pressure; Patient monitoring; Ventilators

2020 September 30;50(3):230–237. doi: 10.28920/dhm50.3.230-237. PMID: 32957124.

Assessment of insulin sensitivity during hyperbaric oxygen treatment

Wilkinson D, Szekeley S, Gue B, Tam CS, Chapman I, Heilbronn LK

Endocrinology; Hyperbaric research; Obesity; Metabolism; Physiology

2020 September 30;50(3):238–243. doi: 10.28920/dhm50.3.238-243. PMID: 32957125.

The evaluation of in-chamber sound levels during hyperbaric oxygen applications: Results of 41 centres

Zaman T, Celebi A, Mirasoglu B, Toklu AS

Noise; Hyperbaric facilities; Health; Hearing; Noise-induced hearing loss (NIHL); Multiplace chamber

2020 September 30;50(3):244–249. doi: 10.28920/dhm50.3.244-249. PMID: 32957126.

ORIGINAL ARTICLES Continued.

An observational trial to establish the effect of hyperbaric oxygen treatment on pelvic late radiation tissue injury due to radiotherapy

Andren J, Bennett MH

Endothelium; Gastro-intestinal tract; Genito-urinary tract; Pain; Soft-tissue radionecrosis; Cancer
2020 September 30;50(3):250–255. doi: 10.28920/dhm50.3.250-255. PMID: 32957127.

Thermal balance of spinal cord injured divers during cold water diving: A case control study

Gajsek U, Sieber A, Finderle Z

Scuba diving; Visual analogue scale; Disability; Diving; Disabled diver; Hypothermia

2020 September 30;50(3):256–263. doi: 10.28920/dhm50.3.256-263. PMID: 32957128.

December 50 (3) 2020

Effects of inspiratory muscle training versus high intensity interval training on the recovery capacity after a maximal dynamic apnoea in breath-hold divers. A randomised crossover trial

de Asís-Fernández F, del Corral T, López-de-Uralde-Villanueva I

Breath-hold diving; Apnea; Exercise; Pulmonary function; Performance; Metabolism

2020 December 20;50(4):318–324. doi: 10.28920/dhm50.4.318-324. PMID: 33325010.

Acute spontaneous spinal cord infarction: Utilisation of hyperbaric oxygen treatment, cerebrospinal fluid drainage and pentoxifylline

Ashton C, Banham N, Needham M

Central nervous system; Hyperbaric oxygen treatment; Infarction; Outcome; Spinal cord; Stroke; Treatment

2020 December 20;50(4):325–331. doi: 10.28920/dhm50.4.325-331. PMID: 33325011.

Reduction of bacterial load with the addition of ultraviolet-C disinfection inside the hyperbaric chamber

Browne K, Wood D, Clezy K, Lehm J, Walsh WR

Hyperbaric research; Hyperbaric facilities; Infectious disease; Bacteriology; Fire; Surveillance; Infection prevention

2020 December 20;50(4):332–337. doi: 10.28920/dhm50.4.332-337. PMID: 33325012.

Effect of antiplatelet and/or anticoagulation medication on the risk of tympanic barotrauma in hyperbaric oxygen therapy patients, and development of a predictive model

Howard AE, Buzzacott P, Gawthrope IC, Banham ND

Middle ear; Risk factors; Haematology; Women; Age; Data

2020 December 20;50(4):338–342. doi: 10.28920/dhm50.4.338-342. PMID: 33325013.

Xuebijing attenuates decompression-induced lung injuries

Meng W, Qing L, Zhou Q, Xu W

Decompression sickness; Decompression illness; Inflammation; Pulmonary oedema

2020 December 20;50(4):343–349. doi: 10.28920/dhm50.4.343-349. PMID: 33325014.

Effects of freediving on middle ear and eustachian tube function

Meyer MF, Knezic K, Jansen S, Klünter HD, Pracht ED, Grosheva M

Tympanometry; Repetitive diving; Ear barotrauma; ENT; Risk factors; Valsalva manoeuvre

2020 December 20;50(4):350–355. doi: 10.28920/dhm50.4.350-355. PMID: 33325015.

Safety proposals for freediving time limits should consider the metabolic-rate dependence of oxygen stores depletion

Sadler C, Brett K, Heerboth A, Swisher AR, Mehregani N, Touriel R, Cannon DT

Hypoxia; Breath-hold diving; Diving research; Hyperventilation; Metabolism; Apnoea; Apnea

2020 December 20;50(4):356–362. doi: 10.28920/dhm50.4.356-362. PMID: 33325016.

A review of diving practices and outcomes following the diagnosis of a persistent (patent) foramen ovale in compressed air divers with a documented episode of decompression sickness

Scarff CW, Lippmann J, Fock AW

Decompression illness; Persistent (patent) foramen ovale (PFO); Safety; Education; Diving research

2020 December 20;50(4):363–369. doi: 10.28920/dhm50.4.363-369. PMID: 33325017.

Decompression illness treated at the Geneva hyperbaric facility 2010–2016: A retrospective analysis of local cases

Thaler J, Pignel R, Magnan M-A, Pellegrini M, Louge P

Diving; Decompression illness; Arterial gas embolism; Epidemiology; Scuba; Recompression

2020 December 20;50(4):370–376. doi: 10.28920/dhm50.4.370-376. PMID: 33325018.

Investigating critical flicker fusion frequency for monitoring gas narcosis in divers

Vrijdag XCE, van Waart H, Sleight JW, Balestra C, Mitchell SJ

CFFF; Diving research; Narcosis; Nitrogen; Oxygen; Physiology

2020 December 20;50(4):377–385. doi: 10.28920/dhm50.4.377-385. PMID: 33325019.

ORIGINAL ARTICLES Continued.

Hyperbaric oxygen but not hyperbaric air increases insulin sensitivity in men with type 2 diabetes mellitus
Wilkinson DC, Chapman IM, Heilbronn LK

Blood sugar level; Diabetes; Endocrinology; Hyperbaric research; Metabolism

2020 December 20;50(4):386–390. doi: 10.28920/dhm50.4.386-390. PMID: 33325020.

Dysbaric osteonecrosis (DON) among the artisanal diving fishermen of Yucatán, Mexico

Popa D, Medak A, Chin W, Huchim-Lara O, Fliszar E, Hughes T, Grover I

Bone necrosis; Decompression sickness; Diving at work; Indigenous divers; Surface supplied diving

2020 December 20;50(4):391–398. doi: 10.28920/dhm50.4.391-398. PMID: 33325021.

REVIEW ARTICLES

March 50 (1) 2020

Diving with hypertension and antihypertensive drugs

Westerweel PE, Rienks R, Sakr A, Taher A

Diving medicine; Hypertension; Drugs; Fitness to Dive; Medicals – diving

2020 March 31;50(1):49–53. doi: 10.28920/dhm50.1.49-53. PMID: 32187618.

The current use of wearable sensors to enhance safety and performance in breath-hold diving: A systematic review

Vinetti G, Lopomo NF, Taboni A, Fagoni N, Ferretti G

Physiology; Patient monitoring; Telemetry; Computers; Equipment; Training

2020 March 31;50(1):54–65. doi: 10.28920/dhm50.1.54-65. PMID: 32187619.

June 50 (2) 2020

Recreational diving in persons with type 1 and type 2 diabetes: Advancing capabilities and recommendations

Jendle JH, Adolffson P, Pollock NW

2020 June 30;50(2):135–143. doi: 10.28920/dhm50.2.135-143. PMID: 32557415.

September 50 (3) 2020

Monoplace chamber treatment of decompression illness: Review and commentary

Clarke R

Cerebral arterial gas embolism; Decompression sickness; Diving medicine; Patient monitoring; Recompression; Pressure chambers

2020 September 30;50(3):264–272. doi: 10.28920/dhm50.3.264-272. PMID: 32957129.

TECHNICAL REPORTS

June 50 (2) 2020

Evaluation of the Abbot FreeStyle Optium Neo H blood glucose meter in the hyperbaric oxygen environment

Baines CR, Cooper PD, O'Rourke GA, Miller C

Blood glucose level; Glucose monitoring; Diabetes; Hyperbaric oxygen treatment

2020 June 30;50(2):144–151. doi: 10.28920/dhm50.2.144-151. PMID: 32557416.

December 50 (4) 2020

First impressions: Use of the Azoth Systems O'Dive subclavian bubble monitor on a liveaboard dive vessel

Germonpré P, Van der Eecken P, Van Renterghem E, Germonpré F-L, Balestra C

Bubble detection; Bubbles; Decompression; Recreational diving; Risk assessment; Surveillance

2020 December 20;50(4):405–412. doi: 10.28920/dhm50.4.405-412. PMID: 33325023.

CASE REPORTS

March 50 (1) 2020

Pulmonary barotrauma: a case report with illustrative radiology

Bigeni S, Saliba M

Pulmonary barotrauma; Diving; Pneumothorax; CT scan

2020 March 31;50(1):66–69. doi: 10.28920/dhm50.1.66-69. PMID: 32187620.

Symptoms of CNS-oxygen toxicity during 100% oxygen breathing at normobaric pressure with increasing inspired levels of carbon dioxide: a case report

Eynan M, Arieli Y, Taran B, Yanir Y

Case reports; Carbon dioxide; Diving; Diving medicine; Hypercapnia; Oxygen; Pressure

2020 March 31;50(1):70–74. doi: 10.28920/dhm50.1.70-74. PMID: 32187621.

CASE REPORTS Continued.

June 50 (2) 2020

Sphenoid sinus mucocele as an unusual differential diagnosis in diving injuries

Mirasoglu B, Kirmizi S, Aktas S

Barotrauma; Decompression sickness; Inner ear; Hearing loss; Vertigo; Mucocele

2020 June 30;50(2):168–172. doi: 10.28920/dhm50.2.168-172. PMID: 32557420.

Bubbles in the skin microcirculation underlying cutis marmorata in decompression sickness: Preliminary observations

García E, Mitchell SJ

Bubbles; Decompression illness; Decompression sickness; Skin; Venous gas embolism; Persistent foramen ovale; Pathology

2020 June 30;50(2):173–177. doi: 10.28920/dhm50.2.173-177. PMID: 32557421.

Diaphragmatic injury a hidden issue for divers following trauma: Case report

Summers M, Gawthrop IC

Diving; Trauma

2020 June 30;50(2):178–180. doi: 10.28920/dhm50.2.178-180. PMID: 32557422.

Clinical problem solving: Mental confusion and hypoxaemia after scuba diving

Blatteau J-E, Morin J, Roffi R, Druelle A, Sbardella F, Castagna O

Bubbles; Decompression sickness; Differential diagnosis; Hyperbaric oxygen therapy; Respiratory symptoms; Stroke

2020 June 30;50(2):181–184. doi: 10.28920/dhm50.2.181-184. PMID: 32557423.

Sudden death after oxygen toxicity seizure during hyperbaric oxygen treatment: Case report

Lalieu RC, Bol Raap RD, Dubois EFL, van Hulst RA

Case reports; Deaths; Hyperbaric oxygen treatment; Obesity; Risk management; Side effects

2020 June 30;50(2):185–188. doi: 10.28920/dhm50.2.185-188. PMID: 32557424.

September 50 (3) 2020

Arterial gas embolism breathing compressed air in 1.2 metres of water

Hampson NB, Moon RE

Air embolism; Cerebral arterial gas embolism (CAGE); Diving; Pulmonary barotrauma

2020 September 30;50(3):292–294. doi: 10.28920/dhm50.3.292-294. PMID: 32957133.

Dysbaric osteonecrosis in technical divers: The new ‘at-risk’ group?

Coleman B, Davis FM

Dysbaric osteonecrosis; Technical diving; Decompression sickness; Deep diving; Radiological imaging; Orthopaedics; Case reports

2020 September 30;50(3):295–299. doi: 10.28920/dhm50.3.295-299. PMID: 32957134.

Cerebral arterial gas embolism proven by computed tomography following transthoracic echocardiography using bubble contrast

Banham NDG, Saw J, Hankey GJ, Ghia D

Central nervous system; Stroke; Doppler; Persistent (patent) foramen ovale (PFO); Radiological imaging; Hyperbaric oxygen treatment; Case reports

2020 September 30;50(3):300–302. doi: 10.28920/dhm50.3.300-302. PMID: 32957135.

Hyperbaric oxygen treatment in a patient with Guillain-Barré syndrome receiving mechanical ventilation

Song L, Xing B, Yang W, Li H

Spinal cord injury; Neurology; Intensive care medicine; Case reports

2020 September 30;50(3):303–305. doi: 10.28920/dhm50.3.303-305. PMID: 32957136.

December 50 (4) 2020

Persistent extravascular bubbles on radiologic imaging after recompression treatment for decompression sickness: A case report

Dapena JC, Lansdorp CA, Mitchell SJ

Decompression illness; Computed tomography; Hyperbaric oxygen; Residual symptoms; Bubbles; Nitrogen

2020 December 20;50(4):424–430. doi: 10.28920/dhm50.4.424-430. PMID: 33325027.

Hyperbaric oxygen treatment of central retinal vein occlusion with cilioretinal artery occlusion secondary to hormonal treatment: Case report and review

Khalloufi A, Khelifi K, Saidane R, Choura R, Maalej A, Ben Sassi R

Cilioretinal artery occlusion; Retinal vein occlusion; Fertility agents; Female

2020 December 20;50(4):431–436. doi: 10.28920/dhm50.4.431-436. PMID: 33325028.

SHORT COMMUNICATION

June 50 (2) 2020

Experimental use of flow cytometry to detect bacteria viability after hyperbaric oxygen exposure: Work in progress report

Rozloznik M, Lochmanova A, Chmelar D, Hajek M, Korytkova K, Cisarikova M
Bacteria; Flow cytometry; Hyperbaric oxygen treatment; Hyperoxia; Wounds
2020 June 30;50(2):152–156. doi: 10.28920/dhm50.2.152-156. PMID: 32557417.

Assessment of a dive incident using heart rate variability

Zenske A, Koch A, Kähler W, Oellrich K, Pepper C, Muth T, Schipke JD
Diving; Incident; Holter monitor; ECG; Autonomic nervous system; Heart rate variability
2020 June 30;50(2):157–163. doi: 10.28920/dhm50.2.157-163. PMID: 32557418.

Adult attention-deficit/hyperactivity disorder prevalence among commercial divers in South Africa

Van Wijk CH, Meintjes WAJ

Epidemiology; Fitness to dive; Mental health; Occupational diving; Psychology
2020 June 30;50(2):164–167. doi: 10.28920/dhm50.2.164-167. PMID: 32557419.

September 50 (3) 2020

Pre-hydration strongly reduces decompression sickness occurrence after a simulated dive in rat

Wang Q, Guerrero F, Theron M

Hydration; Animal model; Rat; Diving deaths

2020 September 30;50(3):288–291. doi: 10.28920/dhm50.3.288-291. PMID: 32957132.

December 50 (4) 2020

Considerations for scuba and breath-hold divers during the COVID-19 pandemic: A call for awareness

Elia A, Gennser M

Apnoea; Breath-hold diving; COVID-19; Hypoxaemia; Scuba diving; SARS-CoV-2; Lungs

2020 December 20;50(4):413–416. doi: 10.28920/dhm50.4.413-416. PMID: 33325024.

Common mental health conditions among navy divers: A brief report

Van Wijk CH, Martin JH, Firfirey N

Anxiety; Depression; Health surveillance; Psychology

2020 December 20;50(4):417–420. doi: 10.28920/dhm50.4.417-420. PMID: 33325025.

Impaired consciousness when scuba diving associated with vasovagal syncope

Wilmshurst P, Clamp M

Vasovagal syncope; Neurocardiogenic syncope; Faints; Micturition syncope; Scuba diving

2020 December 20;50(4):421–423. doi: 10.28920/dhm50.4.421-423. PMID: 33325026.

GUIDELINES

September 50 (3) 2020

South Pacific Underwater Medicine Society guidelines for cardiovascular risk assessment of divers

Jepson N, Rienks R, Smart D, Bennett MH, Mitchell SJ, Turner M

Medicals – diving; Health; Health surveillance; Blood pressure; Persistent (patent) foramen ovale; Implantable devices; Investigations

2020 September 30;50(3):273–277. doi: 10.28920/dhm50.3.273-277. PMID: 32957130.

Diving after SARS-CoV-2 (COVID-19) infection: Fitness to dive assessment and medical guidance

Sadler C, Alvarez Villela M, Van Hoesen K, Grover I, Lang M, Neuman T, Lindholm P

Diving medicine; Health surveillance; Medicals-diving; Occupational health; Pulmonary barotrauma; Exercise; Cardiovascular

2020 September 30;50(3):278–287. doi: 10.28920/dhm50.3.278-287. PMID: 32957131.

December 50 (4) 2020

Children and diving, a guideline

Buwalda M, Querido AL, van Hulst RA

Recreational diving; Children; Physiology; Psychology; Diving incidents; Review article

2020 December 20;50(4):399–404. doi: 10.28920/dhm50.4.399-404. PMID: 33325022.

LETTERS TO THE EDITOR

March 50 (1) 2020

Effect of an air break on the occurrence of seizures in hyperbaric oxygen therapy may be predicted by the power equation for hyperoxia at rest

Arieli R

CNS Oxygen toxicity; Recovery; Resting conditions; Prediction; Letter (to the Editor)

2020 March 31;50(1):75–76. doi: 10.28920/dhm50.1.75-76. PMID: 32187622.

September 50 (3) 2020

Central nervous system oxygen toxicity during 100% oxygen breathing at normobaric pressure

Moon RE

Carbon dioxide; Hypercapnia; Hyperoxia; Toxicity; Side effects; Letters (to the Editor)

2020 September 30;50(2):306. doi: 10.28920/dhm50.3.306. PMID: 32957137.

Reply: Central nervous system oxygen toxicity during 100% oxygen breathing at normobaric pressure

Eynan M

Carbon dioxide; Hypercapnia; Hyperoxia; Toxicity; Diving; Letters (to the Editor)

2020 September 30;50(2):306–307. doi: 10.28920/dhm50.3.306-307. PMID: 32957138.

Annual update on the database of Randomised Controlled Trials in Diving and Hyperbaric Medicine

Bennett MH

Hyperbaric research; Diving research; Data; General interest

2020 September 30;50(2):307.

OBITUARY

March 50 (1) 2020

Francis Alfred (Frank) Blackwood

Pennefather J

2020 March 31;50(1):77.

June 50 (2) 2020

Richard D Vann, PhD: 1941–2020

Moon R

2020 June 30;50(2):189.

December 50 (3) 2020

Douglas Walker 1924–2020

Lippmann J, Smart D

2020 December 20;50(4):437.

DIVING AND HYPERBARIC MEDICINE REVIEWERS IN 2019

2020 March 31;50(1):78–79.

EUBS NOTICES and NEWS

March 50 (1) 2020

Announcement of EUBS 2020

2020 March 31;50(1):80.

EUBS Executive Committee

2020 March 31;50(1):80.

EUBS Affiliate Society agreements

2020 March 31;50(1):80.

OXYNET Database to be updated

2020 March 31;50(1):81.

June 50 (2) 2020

Postponed: EUBS2020 Scientific Meeting on Diving and Hyperbaric Medicine

2020 June 30;50(2):196.

EUBS Elections, Member-at-Large

2020 June 30;50(2):196.

COVID-19 Pandemic: EUBS – ECHM Position Statements

2020 June 30;50(2):196.

EUBS NOTICES and NEWS Continued.

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EUBS 2020 Annual General Meeting

2020 September 30;50(3):309.

EUBS and OXYNET

2020 September 30;50(3):309.

EUBS President's message

June 50 (2) 2020

COVID-19 has changed our world – temporarily or permanently?

Hyldegaard O

2020 June 30;50(2):195.

September 50 (3) 2020

Hyldegaard O

2020 September 30;50(3):308.

December 50 (4) 2020

Hyldegaard O

2020 December 20;50(4):442.

SPUMS NOTICES and NEWS

March 50 (1) 2020

Royal Australian Navy Medical Officers' Underwater Medicine Course 2020

2020 March 31;50(1):86.

Australian and New Zealand College of Anaesthetists Diving and Hyperbaric Medicine Special Interest Group

2020 March 31;50(1):86.

Celebrate 50 Years, South Pacific Underwater Medicine Society, Preliminary Notice

2020 March 31;50(1):86.

Carl Edmonds Memorial Scholarship

2020 March 31;50(1):86.

SPUMS Diploma in Diving and Hyperbaric Medicine

Wilkinson D

Qualifications; Underwater medicine; Hyperbaric oxygen; Research; Medical society

2020 March 31;50(1):87.

September 50 (3) 2020

ANZHMG Chair report 2020

Banham N

2020 September 30;50(3):312.

December 50 (4) 2020

SPUMS Life Membership Award, Conjoint Professor Michael H Bennett

Davis M, Smart D

2020 December 20;50(4):439.

SPUMS President's message

March 50 (1) 2020

SPUMS Presidents Report April 2020 for AGM

Smart D

Medical Society; Membership; Diving; Environment; Ecology; Ocean Health; *Corona virus* COVID-19

2020 March 31;50(1):83–85.

June 50 (2) 2020

Diver health risk assessment in the setting of the Coronavirus disease (COVID-19) pandemic

Smart D

COVID-19; Diving; Health; Risk assessment; Medicals – diving; Fitness for diving; Pandemic

2020 June 30;50(2):190–192.

SPUMS President's message Continued.

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Banham N

2020 September 30;50(3):311.

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Banham N

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