

# Diving and Hyperbaric Medicine

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## EDITORIALS

### The Editor's offering

Mitchell SJ

2021 March 31;51(1):1.

2021 June 30;51 (2):133.

2021 September 30;51(3):239.

2021 December 20; 51(4):321.

## ORIGINAL ARTICLES

### March 51 (1) 2021

Hyperbaric oxygen treatment for mastectomy fl ap ischaemia: A case series of 50 breasts

Spruijt NE, Hoekstra LT, Wilmink J, Hoogbergen MH

Necrosis; Nipple; Outcome; Radiotherapy; Skin; Surgery

2021 March 31;51(1):2–9. doi: 10.28920/dhm51.1.2-9. PMID: 33761535.

An insight to tympanic membrane perforation pressure through morphometry: A cadaver study

Talas DÜ, Beger O, Çömelekoğlu Ü, Çakır S, Taghipour P, Vayisoğlu Y

Bursting pressure, Cadaver, Ear barotrauma; Eardrum; Diving; Transducer

2021 March 31;51(1):10–17. doi: 10.28920/dhm51.1.10-17. PMID: 33761536.

A survey on the health status of Dutch scuba diving instructors

Komdeur P, Wingelaar TT, van Hulst RA

Age; Drugs; Fitness to dive; Health surveys; Medications; Medical conditions and problems; Risk factors

2021 March 31;51(1):18–24. doi: 10.28920/dhm51.1.18-24. PMID: 33761537.

Snorkelling and breath-hold diving fatalities in New Zealand, 2007 to 2016

Lippmann J, Lawrence C, Davis M

Apnoeic hypoxia; Cardiovascular; Diving deaths; Diving incidents; Drowning; Obesity; Pulmonary oedema

2021 March 31;51(1):25–33. doi: 10.28920/dhm51.1.25-33. PMID: 33761538.

Adjunctive hyperbaric oxygen treatment for necrotising soft-tissue infections: A systematic review and meta-analysis

Hedetoft M, Bennett MH, Hyldegaard O

Evidence; Necrotizing infections; Systematic review

2021 March 31;51(1):34–43. doi: 10.28920/dhm51.1.34-43. PMID: 33761539.

Middle ear barotraumias in diving

Lindfors OH, Räsänen-Sokolowski AK, Suvilehto J, Sinkkonen ST

ENT; Epidemiology; Eustachian tube; Eustachian tube dysfunction; Health surveys; Survey; Valsalva manoeuvre

2021 March 31;51(1):44–52. doi: 10.28920/dhm51.1.44-52. PMID: 33761540.

Fatalities involving divers using surface-supplied breathing apparatus in Australia, 1965 to 2019

Lippmann J

Carbon monoxide; Chain of events analysis; Diving compressors; Diving deaths; Fitness to dive; Occupational diving

2021 March 31;51(1):53–62. doi: 10.28920/dhm51.1.53-62. PMID: 33761541.

Does patent foramen ovale closure reduce the risk of recurrent decompression sickness in scuba divers?

Edvinsson B, Thilén U, Nielsen NE, Christersson C, Dellborg M, Eriksson P, Hlebowicz J

Decompression illness; Right-to-left shunt; Risk; Scuba diving; Trimix; Venous gas embolism

2021 March 31;51(1):63–67. doi: 10.28920/dhm51.1.63-67. PMID: 33761542.

**March 51 (1) 2021 continued.**

Hyperbaric oxygen for sudden hearing loss: Influence of international guidelines on practice in Australia and New Zealand

Sherlock S, Kelly S, Bennett MH

ENT; General interest; Hearing loss, sudden; Hyperbaric facilities; Hyperbaric oxygen therapy; Medical society  
2021 March 31;51(1):68–71. doi: 10.28920/dhm51.1.68-71. PMID: 33761543.

Patient knowledge and experience of hyperbaric oxygen treatment

MacInnes L, Baines C, Bishop A, Ford K

Communication; Panic; Patient monitoring; Questionnaire; Stress

2021 March 31;51(1):72–77. doi: 10.28920/dhm51.1.72-77. PMID: 33761544.

**June 51 (2) 2021**

Necrostatin-1 prolongs latency to convulsion in mice exposed to high oxygen partial pressure

Guan ZB, Zhou YY, Cen Y, Feng HD, Liu WW, Yi HJ, Chen H

Animal model; Central nervous system; Inflammation; Necroptosis; Oxidative stress; Oxygen toxicity

2021 June 30;51(2):134–139. doi: 10.28920/dhm51.2.134-139. PMID: 34157727.

The impact of different gas mixtures on inflammatory responses in advanced recreational divers

Rocco M, Maggi L, Loffredo C, Pelli M, Di Benedetto P, Fiorelli S, Simmaco M, De Blasi RA

Air; Decompression sickness; Deep diving; Diving research; Inflammation; Trimix

2021 June 30;51(2):140–146. doi: 10.28920/dhm51.2.140-146. PMID: 34157728.

Mortality rate during professionally guided scuba diving experiences for uncertified divers, 1992–2019

Buzzacott P, Hornsby A, Shreeves K

Diving deaths; Diving industry; Epidemiology; PADI; Recreational diving; Risk; Training

2021 June 30;51(2):147–151. doi: 10.28920/dhm51.2.147-151. PMID: 34157729.

Retrospective review of enquiries to the Québec diving medicine call centre: 2004 through 2018

Monnot DPM, Boisvert J, Buteau D, Pollock NW

Diver emergency service; Diving incidents; Epidemiology; Hyperbaric facilities; Medical database;

Telemedicine

2021 June 30;51(2):152–160. doi: 10.28920/dhm51.2.152-160. PMID: 34157730.

Oxygen toxicity seizure mimics

Foley K, Banham N, Bonnington S, Gawthrope I

Hyperbaric oxygen treatment; Recompression; Neurology; Brain; Risk factors; Hyperbaric research; Clinical audit

2021 June 30;51(2):161–166. doi: 10.28920/dhm51.2.161-166. PMID: 34157731.

Oxygen toxicity seizures during United States Navy Treatment Table 6: An acceptable risk in monoplace chambers?

Bonnington S, Banham N, Foley K, Gawthrope I

Cerebral arterial gas embolism; Decompression illness; Diving medicine; Diving research; Hyperbaric oxygen treatment; Pressure chambers; Recompression

2021 June 30;51(2):167–172. doi: 10.28920/dhm51.2.167-172. PMID: 34157732.

The usefulness of the RSTC medical questionnaire in pre-participation health risk assessment of recreational scuba divers in Hong Kong

Cheung TK, Meintjes WAJ

Fitness to dive; Medicals-diving; Recreational diving; Risk assessment

2021 June 30;51(2):173–181. doi: 10.28920/dhm51.2.173-181. PMID: 34157733.

Sinus barotrauma in diving

Lindfors OH, Räisänen-Sokolowski AK, Suvilehto J, Sinkkonen ST

Allergy; ENT; Epidemiology; Health surveys; Infectious diseases; Nasal decongestants; Smoking; Survey

2021 June 30;51(2):182–189. doi: 10.28920/dhm51.2.182-189. PMID: 34157734.

**June 51 (2) 2021 continued.**

Incidence of cardiac arrhythmias and left ventricular hypertrophy in recreational scuba divers  
Buzzacott P, Anderson G, Tillmans F, Grier JW, Denoble PJ  
Cardiovascular; Diving research; Echocardiography; Health status; Risk factors; Scuba; Sudden cardiac death  
2021 June 30;51(2):190–198. doi: 10.28920/dhm51.2.190-198. PMID: 34157735.

**September 51 (3) 2021**

Comparison of venous, capillary and interstitial blood glucose data measured during hyperbaric oxygen treatment from patients with diabetes mellitus  
Baines C, Vicendese D, Cooper PD, McGuinness W, Miller C  
Blood sugar level; Endocrinology; Hyperbaric medicine; Hyperbaric research; Patient monitoring  
2021 September 30;51(3):240–247 . doi: 10.28920/dhm51.3.240-247. PMID: 34547774.

Long-term infant outcomes after hyperbaric oxygen treatment for acute carbon monoxide poisoning during pregnancy  
Ozgek-Kangal K  
Fetal development; Hyperbaric medicine; Long-term adverse effects; Pregnancy outcome; Pregnancy trimesters  
2021 September 30;51(3):248–255. doi: 10.28920/dhm51.3.248-255. PMID: 34547775.

Effect of hyperbaric oxygen treatment on patients with reduced left ventricular ejection fraction  
Vincent J, Ross M-K, Pollock NE  
Adverse effects; Cardiovascular; Heart failure; Hyperbaric medicine; Pulmonary oedema; Safety  
2021 September 30;51(3):256–263. doi: 10.28920/dhm51.3.256-263. PMID: 34547776.

Regular medication use by active scuba divers with a declared comorbid medical condition and victims of scuba and snorkelling-related fatalities  
Taylor SE, Taylor DM, Pisasale D, Booth K, Lippmann J  
DAN – Divers Alert Network; Diving deaths; Diving incidents; Health status; Pharmacology; Recreational diving  
2021 September 30;51(3):264–270. doi: 10.28920/dhm51.3.264-270. PMID: 34547777.

Efficacy and safety of hyperbaric oxygen treatment in SARS-CoV-2 (COVID-19) pneumonia: a systematic review  
Boet S, Etherington C, Djaiani G, Tricco AC, Sikora L, Katznelson R  
Hyperbaric medicine; Hypoxia; Infection  
2021 September 30;51(3):271–281. doi: 10.28920/dhm51.3.271-281. PMID: 34547778.

Injuries in underwater rugby: a retrospective cross-sectional epidemiological study  
Meyer H-L, Minnemann F, Polan C, Burggraf M, Dudda M, Kauther MD  
Aquatic sports; Breath-hold diving; Diving research; Epidemiology; Gender; Health Survey; Trauma  
2021 September 30;51(3):282–287. doi: 10.28920/dhm51.3.282-287. PMID: 34547779.

Perioperative hyperbaric oxygen treatment and postoperative complications following secondary breast reconstruction after radiotherapy: a case-control study of 45 patients  
Meier EL, Hummelink S, Lansdorp N, Boonstra O, Ulrich DJO  
Cancer; Hyperbaric research; Outcome; Soft tissue radionecrosis; Surgery; Women  
2021 September 30;51(3):288–294. doi: 10.28920/dhm51.3.288-294. PMID: 34547780.

**December 51 (4) 2021**

Nutritional status of patients referred for hyperbaric oxygen treatment; a retrospective and descriptive cross-sectional study  
Lalieu RC, Akkerman I, van Ooij PJAM, Boersma-Voogd AA, van Hulst RA  
Hyperbaric medicine; Hyperbaric research; Irradiation; Nutrition; Obesity; Osteoradionecrosis; Wounds  
2021 December 20;51(4):322–327. doi: 10.28920/dhm51.4.322-327. PMID: 34897596.

Inner ear barotrauma and inner ear decompression sickness: a systematic review on differential diagnostics  
Lindfors OH, Räsänen-Sokolowski AK, Hirvonen TP, Sinkkonen ST  
Decompression; Diving; ENT; Epidemiology; Hearing; Labyrinth; Vertigo  
2021 December 20;51(4):328–337. doi: 10.28920/dhm51.4.328-337. PMID: 34897597.

## **December 51 (4) 2021 continued.**

Microcirculation and tissue oxygenation in the head and limbs during hyperbaric oxygen treatment  
Yamamoto N, Takada R, Maeda T, Yoshii T, Okawa A, Yagishita K  
Cardiovascular; Laser Doppler; Hyperoxia; Patient monitoring; Peripheral blood flow; Transcutaneous oximetry  
2021 December 20;51(4):338–344. doi: 10.28920/dhm51.4.338-344. PMID: 34897598.

Scuba diving-related fatalities in New Zealand, 2007 to 2016  
Lippmann J, Lawrence C, Davis M  
Cardiovascular; Coroner's findings; Diving deaths; Diving incidents; Drowning; Epidemiology; Obesity  
2021 December 20;51(4):345–354. doi: 10.28920/dhm51.4.345-354. PMID: 34897599.

What are the effects of scuba diving-based interventions for clients with neurological disability, autism or intellectual disability? A systematic review  
Naumann K, Kernot J, Parfitt G, Gower B, Winsor A, Davison K  
Adapted physical activity; Disabled diver; Evidence; Physiology; Psychology; Review article  
2021 December 20;51(4):355–360. doi: 10.28920/dhm51.4.355-360. PMID: 34897600.

Flying after diving: a questionnaire-based evaluation of pre-flight diving behaviour in a recreational diving cohort  
St Leger Dowse M, Howell S, Smerdon GR  
Altitude; Decompression sickness; Guidelines; Health surveys; Surface interval; Vacation  
2021 December 20;51(4):361–367. doi: 10.28920/dhm51.4.361-367. PMID: 34897601.

The lower limit for FEV<sub>1</sub>/FVC in dive medical assessments: a retrospective study  
Wingelaar TT, van Ooij PJAM, Endert EL  
Fitness to dive; Health surveillance; Lung function; Military diving  
2021 December 20;51(4):368–372. doi: 10.28920/dhm51.4.368-372. PMID: 34897602.

## **SHORT COMMUNICATION**

### **March 51 (1) 2021**

Provision of emergency hyperbaric oxygen treatment for a patient during the COVID-19 pandemic  
Lim ML, Kim SJ, Tan MK, Lim KH, See HG.  
Carbon monoxide; Infectious diseases; Intensive care medicine; Logistics  
2021 March 31;51(1):78–81. doi: 10.28920/dhm51.1.78-81. PMID: 33761545.

### **September 51 (3) 2021**

Proof-of-concept for a segmented composite diving suit offering depth-independent thermal protection  
Demers A, Martin S, Kartalov EP  
Buoyancy; Cold; Hypothermia; Microspheres; Wetsuit  
2021 September 30;51(3):295–298. doi: 10.28920/dhm51.3.295-298. PMID: 34547781.

## **REVIEW ARTICLE**

### **March 51 (1) 2021**

Diving-related disorders in commercial breath-hold divers (Ama) of Japan  
Kohshi K, Tamaki H, Lemaître F, Morimatsu Y, Denoble PJ, Ishitake T  
Breath-hold diving; Decompression illness; Diving profiles; Indigenous divers; Prevention; Stroke  
2021 June 30;51(2):199–206. doi: 10.28920/dhm51.2.199-206. PMID: 34157736.

## **CASE REPORTS**

### **March 51 (1) 2021**

Investigation of a cluster of decompression sickness cases following a high-altitude chamber flight  
Ata N, Karaca E  
Ascent; Aviation; Barometric pressure; Case reports; Hyperbaric oxygen; Hypoxia training  
2021 March 31;51(1):82–85. doi: 10.28920/dhm51.1.82-85. PMID: 33761546.

**March 51 (1) 2021 continued.**

Hyperbaric oxygen treatment: Results in seven patients with refractory central nervous system infections  
Valente Aguiar P, Carvalho B, Monteiro P, Linhares P, Camacho Ó, Vaz R  
Brain; Mucormycosis; Neurosurgery; Refractory infections; Spine  
2021 March 31;51(1):86–93. doi: 10.28920/dhm51.1.86-93. PMID: 33761547.

Saturation diver fatality due to hydrogen sulphide while working on a subsea pipe line  
Kulkarni AC  
Gas solubility; Hydrogen sulphide; Hyperbaric oxygen; Pulmonary oedema; Saturation diving  
2021 March 31;51(1):94–97. doi: 10.28920/dhm51.1.94-97. PMID: 33761548.

Echocardiography – techniques and pitfalls whilst diagnosing persistent (patent) foramen ovale as a risk factor in divers with a history of decompression sickness  
Azzopardi CP, Magri K, Borg A, Schembri J, Sammut J  
Bubbles; Decompression illness; Right-to-left shunt  
2021 March 31;51(1):98–102. doi: 10.28920/dhm51.1.98-102. PMID: 33761549.

Spinal cord decompression sickness in an inside attendant after a standard hyperbaric oxygen treatment session  
Kot J, Lenkiewicz E, Lizak E, Góralczyk P, Chreptowicz U  
Decompression illness; Hyperbaric facilities; Occupational health; Working in compressed air  
2021 March 31;51(1):103–106. doi: 10.28920/dhm51.1.103-106. PMID: 33761550.

Hyperbaric oxygen treatment in recurrent development of complex regional pain syndrome: A case report  
Hájek M, Chmelař D, Tlapák J, Novomeský F, Rybárová V, Klugar M  
Case reports; CRPS; Hyperbaric oxygen therapy; Pain; Risk factors  
2021 March 31;51(1):107–110. doi: 10.28920/dhm51.1.107-110. PMID: 33761551.

Decompression sickness after a highly conservative dive in a diver with known persistent foramen ovale: Case report  
Brampton W, Sayer MDJ  
Decompression illness; Diving; Patent foramen ovale; SPUMS; UKSDMC  
2021 March 31;51(1):111–115. doi: 10.28920/dhm51.1.111-115. PMID: 33761552.

Hyperbaric oxygen treatment for late low colorectal anastomosis ischaemia: Case report  
Sanzi M, Aiolfi A, Marin JN, Darawsh AEH, Bona D  
Gastro-intestinal tract; Surgery; Anastomosis; Wounds  
2021 March 31;51(1):116–118. doi: 10.28920/dhm51.1.116-118. PMID: 33761553.

Pneumomediastinum and the use of hyperbaric oxygen treatment  
Price SM, Price WD, Johnston MJ  
Pulmonary barotrauma; Pulmonary overinflation syndrome; Diving barotrauma  
2021 March 31;51(1):119–123. doi: 10.28920/dhm51.1.119-123. PMID: 33761554.

**June 51 (1) 2021**

Results of hyperbaric oxygen treatment in an at-risk nasal flap following trauma  
Kara S, İncil E, Gözen ED, Gülgün KC, Yener HM  
Injuries; Hyperbaric medicine; Outcome; Skin; Surgery  
2021 June 30;51(2):207–209. doi: 10.28920/dhm51.2.207-209. PMID: 34157737.

Prolonged syncope with multifactorial pulmonary oedema related to dry apnoea training: Safety concerns in unsupervised dry static apnoea  
Valdivia-Valdivia JM, Räisänen-Sokolowski A, Lindholm P  
Breath-hold diving; Case reports; Hypoxia; Imaging; Lung; Pulmonary oedema; Unconsciousness  
2021 June 30;51(2):210–215. doi: 10.28920/dhm51.2.210-215. PMID: 34157738.

Hyperbaric oxygen treatment for toxic epidermal necrolysis: A case report  
Sümen SG, Yakupoğlu S, Gümüş T, Benzonana N  
Case reports; Drugs; Hyperbaric medicine; Outcome; Side effects; Skin; Toxicity  
2021 June 30;51(2):216–219. doi: 10.28920/dhm51.2.216-219. PMID: 34157739.

### **June 51 (1) 2021 continued.**

Hyperbaric oxygen treatment for intrauterine limb ischaemia: A newborn in the chamber  
Mirasoglu B, Cetin H, Ozdemir Akgun S, Aktas S  
Case reports; Limb salvage; Neonatal thromboembolism; Neonatal gangrene; Safety  
2021 June 30;51(2):220–223. doi: 10.28920/dhm51.2.220-223. PMID: 34157740.

Pulmonary barotrauma with cerebral arterial gas embolism from a depth of 0.75–1.2 metres of fresh water or less: A case report  
Lindblom U, Tosterud C  
Diving medicine; Decompression illness; Hyperbaric oxygen therapy; Military diving; Underwater escape training  
2021 June 30;51(2):224–226. doi: 10.28920/dhm51.2.224-226. PMID: 34157741.

### **September 51 (3) 2021**

Haemoptysis in breath-hold divers; where does it come from?  
Barković I, Maričić V, Reinić B, Marinelli F, Wensveen TT  
Bronchoscopy; Case reports; Freediving; Hemoptysis; Pulmonary barotrauma; Pulmonary oedema  
2021 September 30;51(3):299–302. doi: 10.28920/dhm51.3.299-302. PMID: 34547782.

Air embolism during lumbar surgery in the prone position  
Baptiste L, Kamar Z, Mazaud A, Balança B  
Anaesthesia; Case reports; Cerebral arterial gas embolism (CAGE); Hyperbaric oxygen treatment; Neurosurgery; Surgery  
2021 September 30;51(3):303–305. doi: 10.28920/dhm51.3.303-305. PMID: 34547783.

### **December 51 (4) 2021**

Adjuvant hyperbaric oxygen treatment of acute brain herniation after microsurgical clipping of a recurring cerebral aneurysm: a case report  
Liu Y  
Brain injury; Cerebral ischaemia; Hyperbaric medicine; Intracranial haemorrhage; Surgery  
2021 December 20;51(4):373–375. doi: 10.28920/dhm51.4.373-375. PMID: 34897603.

A neoprene vest hastens dyspnoea and leg fatigue during exercise testing: entangled breathing and cardiac hindrance?  
Regnard J, Veil-Picard M, Bouhaddi M, Castagna O  
Cardiac function; Cardiopulmonary testing; Dyspnea; Immersion pulmonary oedema; Snorkelling; Wetsuit; Work of breathing  
2021 December 20;51(4):376–381. doi: 10.28920/dhm51.4.376-381. PMID: 34897604.

## **LETTERS TO THE EDITOR**

### **March 51 (1) 2021**

Commentary on “*Fatal air embolism in a breath-hold diver*” and the implied dangers of technical freediving  
Covington D, Giordano C  
Barotrauma; Breath-hold diving; Cerebral arterial gas embolism; Diving deaths; Sputum  
2021 March 31;51(1):124. doi: 10.28920/dhm51.1.124. PMID: 33761555.

Acute central nervous system oxygen toxicity at normobaric pressure  
Davis FM  
Oxygen; Toxicity; Central nervous system; Pressure; Case reports  
2021 March 31;51(1):125. doi: 10.28920/dhm51.1.125. PMID: 33761556.

### **June 51 (1) 2021**

Commentary on using critical flicker fusion frequency to measure gas narcosis  
Kot J, Winklewski PJ  
Diving; Narcosis; Nitrogen; Oxygen; Performance, Letters (to the Editor)  
2021 June 30;51(2):227–228. doi: 10.28920/dhm51.2.227-228. PMID: 34157742.

### **June 51 (1) 2021 continued.**

Reply: Commentary on using critical flicker fusion frequency to measure gas narcosis  
Vrijdag XCE, van Waart H, Sleigh JW, Mitchell SJ  
Critical flicker fusion frequency; Narcosis; Nitrogen; Oxygen; Letters (to the Editor)  
2021 June 30;51(2):228–229. doi: 10.28920/dhm51.2.228-229. PMID: 34157742.

Science and Statistics

Schipke JD

Effect size; P-value; Scientific reasoning; Statistic; Letters (to the Editor)  
2021 June 30;51(2):230. doi: 10.28920/dhm51.2.230. PMID: 34157744.

### **September 51 (3) 2021**

Anxiety impact on scuba performance

Davis M, Leach J

Letters (to the Editor); Performance; Personality; Psychology; Recreational diving; Stress; Women  
2021 September 30;51(3):306–307. doi: 10.28920/dhm51.3.306-307. PMID: 34547784.

### **December 51 (4) 2021**

Diving-related disorders in breath-hold divers could be explained with the distal arterial bubble hypothesis  
Arieli R

Ama diver; Decompression sickness; Gas micronuclei; Letters (to the Editor); Nanobubbles; Taravana  
2021 December 20;51(4):382–383. doi: 10.28920/dhm51.4.382-383. PMID: 34897605.

Reply: Diving-related disorders in breath-hold divers could be explained with the distal arterial bubble hypothesis

Kohshi K

Ama diver; Cerebral embolism; Cerebral infarction; Decompression sickness; Letters (to the Editor); Magnetic resonance imaging

2021 December 20;51(4):383–384. doi: 10.28920/dhm51.4.383-384. PMID: 34897606.

Pulmonary barotrauma after helicopter underwater escape training

Risberg J

Case reports; Cerebral arterial gas embolism; Diving; Injuries; Letters (to the Editor)

2021 December 20;51(4):384–385. doi: 10.28920/dhm51.4.384-385. PMID: 34897607.

## **OBITUARY**

Peter Wynne McCartney OAM, MBBS, MMed (Anaesthesia), DipDHM  
Smart D

2021 December 20;51(4):386–387.

## **EUBS NOTICES and NEWS**

### **March 51 (1) 2021**

Annual Scientific Meeting: EUBS2020 in 2021

2021 March 31;51(1):126.

EUBS Executive Committee

2021 March 31;51(1):126–127.

EUBS Affiliate Society agreements

2021 March 31;51(1):127.

OXYNET Database updated

2021 March 31;51(1):127.

### **June 51 (2) 2021**

**POSTPONED:** EUBS2020 Scientific Meeting on Diving and Hyperbaric Medicine

2021 June 30;51(2):235.

EUBS elections Member-at-Large and Vice President

2021 June 30;51(2):235–236.



**September 51 (3) 2021**

EUBS 2020 – Postponed to 2022  
2021 September 30;51(3):308–309.  
EUBS General Assembly  
2021 September 30;51(3):309.

**2021 December 20;51(4):392.**

EUBS 2020–2022 Annual Scientific Meeting  
2021 December 20;51(4):393.

**EUBS PRESIDENT’S MESSAGE****March 51 (1) 2021**

EUBS Webinar on Diving – HBOT and COVID-19  
Hyldegaard O  
2021 March 31;51(1):126.

**June 51 (2) 2021**

Hyldegaard O  
2021 June 30;51(2):235.

**September 51 (3) 2021**

Hyldegaard O  
2021 September 30;51(3):308.

**December 51 (4) 2021**

Blatteau J-E  
2021 December 20;51(4):392.

**SPUMS NOTICES AND NEWS****March 51 (1) 2021**

2021 SPUMS 50th Annual Scientific Meeting  
2021 March 31;51(1):129.  
Australian and New Zealand College of Anaesthetists Diving and Hyperbaric Medicine Special Interest Group  
2021 March 31;51(1):129.  
SPUMS Diploma in Diving and Hyperbaric Medicine  
2021 March 31;51(1):130.

**June 51 (2) 2021**

ANZHMG Chair’s report  
Webb B  
2021 June 30;51(2):232.  
Royal Australian Navy Medical Officers’ Underwater Medicine Course 2021  
2021 June 30;51(2):233.

**September 51 (3) 2021**

Errata  
2021 September 30;51(3):310.  
The Australian and New Zealand Hyperbaric Medicine Group, Introductory course in diving and hyperbaric medicine  
2021 September 30;51(3):311.

**SPUMS PRESIDENT’S MESSAGE****March 51 (1) 2021**

Banham N  
2021 March 31;51(1):128.

**June 51 (2) 2021**

Banham N  
2021 June 30;51(2):231.

**September 51 (3) 2021**

Banham N  
2021 September 30;51(3):310.

**December 51 (4) 2021**

Banham N  
2021 December 20;51(4):388.