

# Diving and Hyperbaric Medicine

*The Journal of the South Pacific Underwater Medicine Society (Incorporated in Victoria) A0020660B  
and the European Underwater and Baromedical Society*

*ISSN 1833-3516*



*ABN 29 299 823 713*

**Index for Volume 40, 2010**

**March 2011**

## KEY WORDS FOR DIVING AND HYPERBARIC MEDICINE

- Abalone  
 Abstracts  
 Accidents  
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**EDITORIALS**

## The Editor's offering

Davis M  
2010;40(1):1.  
2010;40(2):61.  
2010;40(3):113.  
2010;40(4):181-2.

## The President's pages

Bennett M  
2010;40(1):3.  
Germonpré P  
2010;40(1):2.  
2010;40(2):62.  
2010;40(4):183.

**INVITED EDITORIALS**

Heiden C  
HBOT for malignant otitis externa  
2010;40(4):182.

**ORIGINAL ARTICLES**

## Hyperbaric oxygen therapy for acute noise-induced hearing loss: evaluation of different treatment regimens

Lafère P, Vanhoutte D, Germonpré P  
Hearing, injury, hyperbaric oxygen therapy, outcome, research  
2010;40(2):63-7.

## Evaluation of critical flicker fusion frequency and perceived fatigue in divers after air and enriched air nitrox diving

Lafère P, Balestra C, Hemelryck W, Donda N, Sakr A, Taher A, Marroni S, Germonpré P  
Scuba diving, air, enriched air – nitrox, nitrogen narcosis, inert gas narcosis, performance, visual analog scale  
2010;40(3):114-8.

## Medical assessment of fitness to dive – comparing a questionnaire and a medical interview-based approach

Meehan CA, Bennett MH  
Fitness to dive, recreational diving, questionnaire, medicals – diving  
2010;40(3):119-24.

## Referral patterns and outcomes of dive medical examinations in a tertiary hyperbaric facility

Ong LM, Bennett MH, Thomas PS  
Fitness to dive, medicals – diving, medical conditions, and problems, cardiovascular, respiratory, asthma  
2010;40(3):125-30.

## Provisional report on diving-related fatalities in Australian waters 2005

Walker D, Lippmann J, Lawrence CL, Fock A, Wodak T, Jamieson S  
Diving deaths, scuba, breath-hold diving, surface-supply breathing apparatus (SSBA), diving accidents, case reports  
2010;40(3):131-49.

## Acute antioxidant pre-treatment attenuates endothelial microparticle release after decompression

Christmas BCR, Midgley AW, Taylor L, Vince RV, Laden G, Madden LA

Decompression, endothelium, antioxidants, treatment, diving research  
2010;40(4):184-8.

## 'Sea legs': sharpened Romberg test after three days on a live-aboard dive boat

Gibbs CR, Commons KH, Brown LH, Blake DF  
Ear barotraumas, decompression illness, decompression sickness, sharpened Romberg test, motion sickness, postural control  
2010;40(4):189-94.

## Malignant otitis externa: experience with hyperbaric oxygen therapy

Saxby A, Barakate M, Kertesz T, James J, Bennett M  
Hyperbaric oxygen therapy, malignant otitis externa, ENT, clinical audit, outcome  
2010;40(4):195-200.

## Exceeding the limits – estimated tissue pressures among Western Australian recreational divers

Buzzacott P, Pikora T, Heyworth J, Rosenberg M  
Scuba diving, recreational diving, decompression, models, diving tables, research  
2010;40(4):201-5.

## Analyser position for end-tidal carbon dioxide monitoring in a rebreather circuit

Ineson A, Henderson K, Teubner D, Mitchell S  
Carbon dioxide, hypercapnia, rebreathers/semi-closed circuit, rebreathers/closed circuit, physiology simulation  
2010;40(4):206-9.

## S100B and its relation to intravascular bubbles following decompression

Havnæs MB, Hjelde A, Brubakk AO, Møllerløgken A  
Biomarkers, decompression sickness, bubbles, Doppler, diving research  
2010;40(4):210-12.

**SHORT COMMUNICATIONS**

## Variations in exhaled nitric oxide concentration after three types of dive

Van Ooij P-J, Houtkooper A, van Hulst R  
Diving, hyperbaric, hyperoxia, expired nitric oxide, F<sub>E</sub>NO  
2010;40(1):4-7.

## A subjective evaluation of a drinking system for saturation divers

Hope A, Brekken R  
Saturation diving, fluid balance, thermal problems (hypothermia and hyperthermia)  
2010;40(1):8-10.

**TECHNICAL ARTICLES**

## A novel wearable apnea dive computer for continuous plethysmographic monitoring of oxygen saturation and heart rate

Kuch B, Koss B, Dujic Z, Buttazzo G, Sieber A  
Diving, breath-hold diving, transcutaneous oximetry,

hypoxia, diving research, physiology  
2010;40(1):34-40.

#### REVIEW ARTICLES

Predicting performance in competitive apnea diving. Part II: dynamic apnea

Schagatay E  
Breath-hold diving, hypoxia, exercise, cardiovascular, respiratory, physiology, safety, review article  
2010;40(1):11-22.

Basic mechanisms of gas transport and past research using perfluorocarbons

Spieß BD  
Perfluorocarbons, gas solubility, oxygen, nitrogen, carbon dioxide, nitric oxide, solubility, review article  
2010;40(1):23-8.

The potential role of perfluorocarbon emulsions in decompression illness

Spieß BD  
Perfluorocarbons, decompression sickness, decompression illness, air embolism, treatment, research, review article  
2010;40(1):28-33.

The two faces of Eve: gaseous anesthesia and inert gas narcosis

Smith CR, Spiess BD  
Anaesthesia, nitrogen narcosis, inert gas narcosis, xenon, pharmacology, physiology, review article  
2010;40(2):68-77.

#### CASE REPORTS

Severe hydrogen sulphide poisoning treated with 4-dimethylaminophenol and hyperbaric oxygen

Lindenmann J, Matzi V, Neuboek N, Ratzenhofer-Komenda B, Maier A, Smolle-Juettner FM  
Hyperbaric oxygenation, hyperbaric oxygen therapy, clinical toxicology, exogenous poison, resuscitation, outcome  
2010;40(4):213-7.

Hyperbaric oxygen in the treatment of asphyxia in two newborn infants

Orozco-Gutierrez A, Rojas-Cerda L, Estrada RM, Gil-Rosales C  
Hyperbaric oxygen, hyperbaric oxygen therapy, neuroprotection, brain injury, children, case reports  
2010;40(4):218-20.

#### THE SPUMS RECREATIONAL DIVING MEDICAL

Bennett M  
Medicals – diving, medical society, editorials  
2010;40(3):150-5.

#### THE WORLD AS IT IS

Future synergism in diving accident management: the Singapore model

Jack C S, Weihao L, Joang K S, Lee K W

Hyperbaric facilities, diving accidents, hyperbaric oxygen therapy, treatment, research, general interest  
2010;40(1):41-3.

ANZHM statement on the administration of mild hyperbaric oxygen therapy

Smart D, Bennett M  
Mild hyperbaric therapy, hyperbaric oxygen therapy, hyperbaric facilities, medical conditions and problems, evidence, medical society, policy  
2010;40(2):78-82.

Health risk management in the Tasmanian abalone diving industry

Smart D  
Occupational diving, occupational health, risk management, health, diving industry, abalone  
2010;40(2):83-7.

#### COMMENTARY

The performance of dive computers at altitude

Sayer M  
Decompression, computers – diving, altitude, safety, risk, assessment  
2010;40(1):47.

#### OPINION

A personal overview of accidents and risk management in the recreational diving industry

Gilliam B  
Accidents, diving accidents, recreational diving, medical conditions and problems, risk management, legal and insurance  
2010;40(3):156-9.

Australian standards for occupational and recreational divers. Change in the wind?

Smart D, Meehan C  
Standards, occupational diving, recreational diving, medicals – diving, medical society  
2010;40(3):160-1.

#### HISTORICAL ARTICLES

The Duke University 2132 foot dive, 1980

Miller J N  
[No keywords]  
2010;40(2):88-91.

#### LETTERS TO THE EDITOR

Continuing Professional Development Programme (ANZCA)

Lehm J  
Letters (to the Editor), meetings, MOPS (maintenance of professional standards)  
2010;40(2):96.

Freedownload, *Diving Medicine for Scuba Divers*

Edmonds C  
Scuba diving, underwater medicine, textbook, general interest, book reviews  
2010;40(3):163.

**BOOK AND JOURNAL REVIEWS**

Proceedings of the Fifteenth International Congress on Hyperbaric Medicine

(Desola J, editor)  
Millar I

Hyperbaric oxygen, underwater medicine, medical society, meetings, book reviews  
2010;40(1):45.

Another Whitstable trade, An illustrated history of helmet diving

(Beven J, editor)  
Goble S

History, diving industry, diving at work, military diving, equipment, salvage, book reviews  
2010;40(1):46.

The future of diving: 100 years of Haldane and beyond, A Smithsonian contribution to knowledge

(Laing MA, Brubakk AO, editors)  
Marroni A

Diving, decompression, decompression illness, decompression sickness, diving tables, diving theory (see Physiology), history, book reviews  
2010;40(2):97.

Diving medicine for scuba divers, 3rd edition

(Edmonds C, McKenzie B, Thomas R, Pennefather J, editors)  
Harper W, Carson T

Scuba diving, physiology, underwater medicine, general interest, book reviews  
2010;40(2):98-9.

Women and pressure: diving and altitude

(Fife CE, St Leger Dowse M, editors)  
Watterson J, Standen M

Women, diving, scuba diving, health, physiology, pregnancy, risk factors, book reviews  
2010;40(3):164-5.

John Lethbridge: The most successful treasure diver of the eighteenth century

(Fardell J, editor)  
Harper W

Diving, history, general interest, book reviews  
2010;40(3):165.

**ARTICLES OF INTEREST REPRINTED FROM OTHER SOURCES**

Utility of regular medical examinations of occupational divers [Abstract]

Sames C, Gorman D, Mitchell S J, Gamble G

Occupational diving, diving at work, health surveillance, occupational health, fitness to dive, abstracts, reprinted from  
2010;40(1):48.

An experimental study of the use of hyperbaric oxygen to reduce the side effects of radiation treatment for malignant disease

Williamson RA

Hyperbaric oxygen, hyperbaric research, radiation, side

effects, reprinted from  
2010;40(2):94.

Early hyperbaric oxygen therapy for reducing radiotherapy side effects: Early results of a randomized trial in oropharyngeal and nasopharyngeal cancer

Teguh DN, Levendag PC, Noever I, Voet P, van Der Est H, van Rooij P et al

Hyperbaric oxygen, radiotherapy, malignancy, head & neck, side effects, reprinted from  
2010;40(2):94-5.

Does hyperbaric oxygen therapy reduce radiotherapy side effects and improve quality of life in oral and oropharyngeal cancer

Snape L

Hyperbaric oxygen, radiotherapy, malignancy, head & neck, side effects  
2010;40(2):95.

Review of diver noise exposure

Anthony TG, Wright NA, Evans MA

Occupational diving, occupation health, hearing injuries, environment, reprinted from  
2010;40(2):96.

**CONTINUING PROFESSIONAL DEVELOPMENT**

2010/1 Dysbaric osteonecrosis (DON), decompression illness and the diver

Bennett M

MOPS (maintenance of professional standards), diving, scuba, dysbaric osteonecrosis, decompression sickness, decompression illness  
2010;40(1):44.

CME activity 2010/2 Inert gas narcosis and gaseous anaesthesia

Bennett M

MOPS (maintenance of professional standards), inert as narcosis, nitrogen narcosis, anaesthesia  
2010;40(2):92-3.

CME activity 2010/3, fitness to dive

Bennett M

MOPS (maintenance of professional standards), medicals – diving, medical conditions and problems, fitness to dive  
2010;40(3):163.

CME activity 2010/4, HBOT and malignant otitis externa

Bennett M

MOPS (maintenance of professional standards), malignant otitis externa  
2010;40(4):221-2.

**CRITICAL APPRAISAL**

HBOT did not improve exercise performance immediately following hyperbaric oxygen exposure

Source <[www.hboevidence.com](http://www.hboevidence.com)>

Hyperbaric oxygen, exercise, performance, research, critical appraisal

2010;40(2):93.

**SPUMS NOTICES and NEWS**

South Pacific Underwater Medicine Society Diploma of Diving and Hyperbaric Medicine

Requirements for candidates (updated October 2008)  
Qualifications, underwater medicine, hyperbaric oxygen, research, medical society  
2010;40(1):49.

ANZHMG Chairman's report March 2010

Medical society, wounds, hyperbaric oxygen therapy, general interest  
2010;40(1):50.

Standards Australia report 15 January 2010

Fitness to dive, medicals – diving, recreational diving, standards  
2010;40(1):51.

Australian and New Zealand College of Anaesthetist, Certificate in Diving and Hyperbaric Medicine

2010;40(1):52.

ANZCA Certificate in Diving and Hyperbaric Medicine, Examination results

2010;40(1):52.

Minutes of the SPUMS Executive Committee Meeting 21 November 2009 at Prince of Wales Hospital Hyperbaric Unit, Randwick

2010;40(2):104-5.

Minutes of the Annual General Meeting of SPUMS held at Berjaya Resort, Redang Island, on Thursday 27 May 2010

Medical society, meetings

2010;40(3):169-72.

Addendum to the minutes of the 2010 SPUMS ASM: Treasurer's report and audit for 2009 calendar year – a forensic report

Medical society, meetings, letters (to the Editor)

2010;40(3):173.

Minutes of the SPUMS Executive Committee Meeting, 23 May 2010 at Berjaya Resort, Redang Island, Malaysia

2010;40(4):230-1.

International Congress on Hyperbaric Medicine

2010;40(4):234.

**EUBS NOTICES and NEWS**

EUBS Executive Committee (as of September 2009)

2010;40(1):54.

EUBS Executive Committee (as of September 2010)

2010;40(4):223.

EUBS website news

2010;40(1):55.

Election of Member-at-Large: candidates sought

2010;40(1):55.

Towards a European diploma in diving and hyperbaric medicine

Marroni A

Diving medicine, hyperbaric medicine, qualifications, training, general interest

2010;40(1):55.

EUBS Annual Scientific Meeting 2010

2010;40(1):56.

EUBS 37th Annual Scientific Meeting 2011

2010;40(4):224.

Nominations for election as EUBS Executive Committee Member-at-Large 2010

2010;40(2):102.

Minutes of EUBS Executive Committee Meeting, 17 September 2010, Point Hotel, Istanbul

2010;40(4):224-6.

Minutes of EUBS General Assembly 2010 Istanbul, 18 September 2010

2010;40(4):227-8

**THE POETRY DOCTOR**

Conference time

Parker J

2010;40(2):99.

Breathe easy

Parker J

2010;40(4):222.

**INSTRUCTIONS TO AUTHORS**

Full version (revised May 2010)

2010;40(2):110.

Short version (revised November 2010)

2010;40(4):236.

**ERRATA**

Hyperbaric medicine practice, 3rd edition

Kindwall EP, Whelan HT, editors

Diving medicine, physiology, diving, textbook, book reviews

2010;40(2):107.

**Diving and Hyperbaric Medicine is indexed on MEDLINE,  
SCIE (Sci Search™) and EMBASE/SCOPUS**