

Diving and Hyperbaric Medicine

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The Editor's offering

- Davis M
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The President's pages

- Germonpré P
Medical society, general interest
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Medical society, meetings
2011;41(3):122-3.

INVITED EDITORIALS

The foundations for today's future

- Elliot D
Editorials, medical society, training, standards, history,
general interest
2011;41(3):118-20.

The proceedings of the inaugural meeting of the European Undersea Bio-Medical Society 1971

- Barnard EEP
Medical society, meetings, history, general interest
2011;41(3):120-1.

ORIGINAL ARTICLES

Respiratory rate can be modulated by long-loop muscular reflexes, a possible factor in involuntary cessation of apnea

- Balestra C, Levenez M, Lafère P, Dachy B, Ezquer M, Germonpré P
Musculoskeletal, metabolism, breath-hold diving, respiratory, physiology, research
2011;41(1):3-8.

The use of drugs by UK recreational divers: illicit drugs

- St Leger Dowse M, Shaw S, Cridge C, Smerdon G
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The use of drugs by UK recreational divers: prescribed and over-the-counter medications

- St Leger Dowse M, Cridge C, Smerdon G
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Mental health measures in predicting outcomes for the selection and training of navy divers

- van Wijk CH

Psychology, military diving, training, performance, questionnaire, research
2011;41(1):22-6.

Changes in oxygenation in mechanically ventilated critically ill patients following hyperbaric treatment

- Bingham G, Millar I, Koch S, Paul E, Varma D, Pilcher D
Hyperbaric oxygen therapy, ventilators, pulmonary function, physiology, right-to-left shunt, clinical audit
2011;41(2):59-63.

Transportation of divers with decompression illness on the west coast of Scotland

- Wilson CM, Sayer MDJ
Decompression illness, decompression sickness, transport, recompression, clinical audit
2011;41(2):64-9.

Provisional report on diving-related fatalities in Australian waters 2006

- Lippmann J, Walker D, Lawrence C, Fock A, Wodak T, Jamieson S
Diving deaths, scuba, breath-hold diving, closed-circuit rebreathers, diving accidents, case reports
2011;41(2):70-84.

Risk factors for running low on gas in recreational divers in Western Australia

- Buzzacott P, Rosenberg M, Heyworth J, Pikora T
Low air, risk factors, recreational diving, scuba diving, epidemiology, research
2011;41(2):85-9.

Observation of increased venous gas emboli after wet dives compared to dry dives

- Møllerløgken A, Breskovic T, Palada I, Valic Z, Dujic A, Brubakk AO
Bubbles, decompression sickness, diving tables, diving research
2011;41(3):124-8.

Risk factors and clinical outcome in military divers with neurological decompression sickness: influence of time to recompression

- Blatteau J-E, Gempp E, Constantin P, Louge P
Military diving, decompression sickness, hyperbaric oxygen therapy, recompression, outcome, treatment, sequelae
2011;41(3):129-34.

Retinal artery occlusion: visual outcome after treatment with hyperbaric oxygen

- Cope A, Eggert JV, O'Brien E
Retinal artery occlusion, hyperbaric oxygen therapy, outcome, case reports
2011;41(3):135-8.

The effect of pre-dive exercise timing, intensity and mode on post-decompression venous gas emboli

- Jurd KM, Thacker JC, Seddon FM, Gennser M, Loveman GAM
Doppler, diving, exercise, bubbles, decompression illness
2011;41(4):183-8.

Telemedicine in the management of diving accidents: correlation of phone-assessed symptom severity with clinical findings

Wölfel C, Schüpfer G, Konrad C, Knessl P, Wendling J
Diving accidents, decompression illness, clinical audit, underwater medicine
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Effect of hyperbaric oxygen on bone healing after enucleation of mandibular cysts: a modified case-control study

Tripathi KK, Moorthy A, Ranjan CK, Rao G, Ghosh PC
Hyperbaric oxygen therapy, dental, radiological imaging, clinical audit, outcome
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Oxygen toxicity seizures: 20 years' experience from a single hyperbaric unit

Banham NDG
Central nervous system, oxygen, toxicity, seizures, hyperbaric oxygen, hyperbaric oxygen therapy
2011;41(4):202-10.

The effects of increased pressure, variation in inspired gases and the use of a mask during dry chamber dives on salivary cortisol in professional divers

Tikkinen J, Hirvonen A, Parkkola K, Siimes MA
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2011;41(4):211-15.

SHORT COMMUNICATION

Underwater working times in two groups of traditional apnea divers in Asia: the Ama and the Bajau

Schagatay E, Lodin-Sundström A, Abrahamsson E
Breath-hold diving, freediving, spearfishing, performance, indigenous divers, diving research
2011;41(1):27-30.

Preliminary observations on the effect of hypoxic and hyperbaric stress on pulmonary gas exchange in breath-hold divers

Garbella E, Piarulli A, Fornai E, Pingitore A, Prediletto R
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2011;41(2):97-100.

TECHNICAL REPORTS

Solid-state electrolyte sensors for rebreath applications: a preliminary investigation

Sieber A, Baumann R, Fasoulas S, Krozer A
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Maintenance of negative-pressure wound therapy while undergoing hyperbaric oxygen therapy

Chong SI, Tan MK, Liang W, Kim SJ, Soh CR
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The influence of a hyperbaric environment and increased oxygen partial pressure on the corrosion of dental alloys

Mehl C, Hebllich F, Lenz R, Ludwig K, Kern M
Diving, hyperbaric oxygen, nitrox, dental, teeth, hyperbaric research
2011;41(3):151-5.

Suitability of the partially implantable active middle-ear amplifier Vibrant Soundbridge® to hyperbaric exposure

Klingmann C, Klingmann A, Skevas T
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2011;41(4):229-32.

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The need for optimisation of post-dive ultrasound monitoring to properly evaluate the evolution of venous gas emboli

Blogg SL, Gennser M
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Predicting performance in competitive apnea diving. Part III: depth

Schagatay E
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2011;41(4):216-28.

THE WORLD AS IT IS

British Sub-Aqua Club (BSAC) diving incidents report 2009

Compiled by Brian Cumming, Diving Incidents Advisor
Wilson CM
Recreational diving, accidents, diving deaths, abstracts
2011;41(1):36-7.

British Sub-Aqua Club (BSAC) diving incidents report 2010

Compiled by Brian Cumming, Diving Incidents Advisor
Wilson CM
Recreational diving, accidents, diving deaths, abstracts
2011;41(3):156-7.

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Cerebral arterial gas embolism with delayed treatment and a fatal outcome in a 14-year-old diver

Lippmann J, Fock A, Arulanandam S
Case reports, cerebral arterial gas embolism, deaths, children, recreational diving, fitness to dive, medical conditions and problems
2011;41(1):31-4.

Commentary on the problems of diving in remote areas and underdeveloped countries

Hawkins G
Diving accidents, legal and insurance, communication,
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tourism
2011;41(1):35.

ECHM WORKSHOP REPORT

Controversial issues in hyperbaric oxygen therapy: a
European Committee for Hyperbaric Medicine Workshop
Kot J, Mathieu D
Hyperbaric oxygen therapy, bone necrosis, hypoxia,
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2011;41(2):101-4.

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The death of buddy diving?
Cooper PD
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2011;41(1):38.

Women and pressure
Fife C, St Leger Dowse M
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pregnancy, risk factors, letters (to the Editor)
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Walpole B
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Malignant otitis externa: experience with hyperbaric oxygen
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Ignatescu M.
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Reply: Bennett M, Saxby A, James J
Hyperbaric oxygen therapy, malignant otitis externa,
ENT, clinical audit, outcome, letters (to the Editor)
2011;41(3):162-3.

Advertising guidelines for *Diving and Hyperbaric
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Germonpré P, Bennett M
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2011;41(3):164.

Lithium batteries – intravenous infusion pumps used in
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Smart D, Van der Broek C
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Decompression illness
Vann RD, Butler FK, Mitchell SJ, Moon RE
Decompression sickness, decompression illness, arterial
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recompression, treatment, review article, reprinted
from
2011;41(1):40.

Passive flooding of paranasal sinuses and middle ears as a
method of equalisation in extreme breath-hold diving
Germonpré P, Balestra C, Musimu P
Breath-hold diving, ENT, ear barotrauma, abstracts,
reprinted from
2011;41(1):40.

Comparison of two modes of delivery of first aid training
including basic life support
Lippmann J, Livingston P, Craike MJ
First aid, resuscitation, training, World Wide Web
2011;41(2):106.
Interesting articles from the literature
2011;41(3):161.

BOOK AND JOURNAL REVIEWS

Masterminding wounds
(Strauss MB, editor, Miller SS, Aksenov IV, co-
authors)
Germonpré P
Wounds, chronic wounds, textbook, book reviews
2011;41(1):41-2.

Dangerous marine animals: Mediterranean, Caribbean,
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(Bergbauer M, Myers RF, Kirschner M, editors)
Meehan C
Marine animals, injuries, envenomation, toxins, first aid,
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Diving pioneers and innovators, a series of in depth
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(Gilliam B, editor)
Goble S
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Hyperbaric nursing and wound care
(Larson-Lohr V, editor, Norvell H, Josefsen L, Wilcox
J, co-editors)
Denny Y
Nursing, hyperbaric oxygen therapy, wounds, book
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2011;41(3):159.

Decompression illness, a simple guide and practical advice
on the recognition, management and prevention of DCI
(Lippmann J, editor)

Edward R, Davis S
Decompression illness, recreation diving, first aid,
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2011;41(4):234-5.

Wound care, certification study guide
(Shah J editor)

Denny Y
Nursing, wounds, book reviews
2011;41(4):235.

CONTINUING PROFESSIONAL DEVELOPMENT

CME activity 2011/1 Diver drug use and mental health
Fabricus C
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2011;41(1):44-5.

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Mathieu D
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2011;41(3):160-1.

CME Activity 2011/4 Fluid balance in diving and diving-
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Ross JAS
MOPS (maintenance of professional standards),
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2011;41(4):236-7.

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Hyperbaric oxygen therapy improved both pain scores and
range of motion in patients with early idiopathic femoral
head necrosis (Ficat stage II)
Bennett M
Hyperbaric oxygen, bone necrosis, outcome, critical
appraisal
2011;41(2):105.

Does hyperbaric oxygen administration decrease side effects
and improve quality of life after pelvic irradiation?
Smart D
Hyperbaric oxygen, cancer, radiotherapy, side effects,
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2011;41(4):233-4.

SPUMS NOTICES and NEWS

South Pacific Underwater Medicine Society Diploma of
Diving and Hyperbaric Medicine
Requirements for candidates (updated October 2008)
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research, medical society
2011;41(1):46.

Minutes of the Annual General Meeting of the Australian and
New Zealand Hyperbaric Medicine Group, 09 September
2010, Crowne Plaza Hotel, Darwin
2011;41(1):49.

ANZCA Certificate in Diving and Hyperbaric Medicine
2011;41(1):52.

SPUMS website news
Hawkins G
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2011;41(2):110.

Minutes of the SPUMS Executive Committee Meeting 06
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2011;41(3):169-70.

Minutes of the Annual General Meeting of SPUMS held at
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Rear Admiral Robyn Walker AM, RAN, MBBS, Dip
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Minutes of the EUBS General Assembly Gdansk, 28 August
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Parker J
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