Getting the sick diver to a recompression chamber

Running low on gas – a surprise to many divers
Hypoxia after HBOT in ventilated ICU patients
New technology for gas monitoring in CCRs
Pulmonary stress from breath-hold diving
2006: Fewer diving deaths in Australia
CONTENTS
Diving and Hyperbaric Medicine Volume 41 No. 2 June 2011

Editorials
57 The Editor’s offering
58 The President’s page

Original articles
59 Changes in oxygenation in mechanically ventilated critically ill patients following hyperbaric treatment
Gordon Bingham, Iain Millar, Susan Koch, Eidho Paul, Dinesh Varma and David Pilcher
64 Transportation of divers with decompression illness on the west coast of Scotland
Colin M Wilson and Martin DJ Sayer
70 Provisional report on diving-related fatalities in Australian waters 2006
John Lippmann, Douglas Walker, Chris Lawrence, Andrew Fock, Thomas Wodak and Scott Jamieson
85 Risk factors for running low on gas in recreational divers in Western Australia
Peter Buzzacott, Michael Rosenberg, Jane Heyworth and Terri Pikora

Technical report
90 Solid-state electrolyte sensors for rebreather applications: preliminary investigation
Arne Sieber, Rainer Baumann, Stefanos Fasoulas and Anatol Krozer

Short communication
97 Preliminary observations on the effect of hypoxic and hyperbaric stress on pulmonary gas exchange in breath-hold divers
Erika Garbella, Andrea Piarulli, Edo Fornai, Alessandro Pingitore and Renato Prediletto

ECHM Workshop report
101 Controversial issues in hyperbaric oxygen therapy: a European Committee for Hyperbaric Medicine Workshop
Jacek Kot and Daniel Mathieu

Critical appraisal
105 Hyperbaric oxygen therapy improved both pain scores and range of motion in patients with early idiopathic femoral head necrosis (Ficat stage II)
Michael Bennett

From the recent literature
106 Comparison of two modes of delivery of first aid training including basic life support
John Lippmann, Patricia Livingston and Melinda J Craike

Letter to the Editor
107 The death of buddy diving?
Bryan Waipole

Obituary
108 Christian J Lambertsen

SPUMS notices & news
109 Diploma of Diving and Hyperbaric Medicine requirements
110 SPUMS website news
110 ANZCA Certificate in Diving and Hyperbaric Medicine

EUBS notices & news
111 EUBS Executive Committee
112 EUBS 37th Annual Scientific Meeting 2011
113 International Congress on Hyperbaric Medicine

96 Continuing professional development notice

113 Courses and meetings

116 Instructions to authors
(short version)