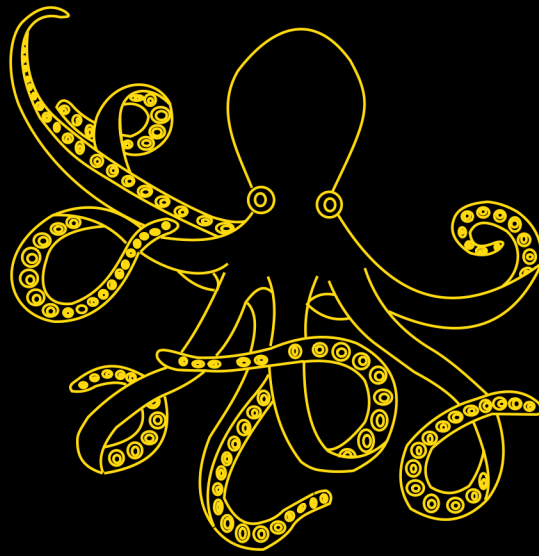




Diving & ROV **specialists**

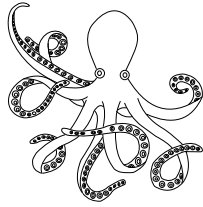


Index for document research

***Scientific papers and books
stored in the website database***

August 2023





Diving & ROV Specialists

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Purpose

This document lists scientific papers stored in the "Diving and ROV Specialists" website database and provides the links to download them. It has been compiled to provide a complementary means of research of the chronological list and the search engine.

For this reason, the documents, classified by date of publication in the database, are listed in it through the following topics:

- . Barotraumas
- . Cardio-Respiratory
- . Decompression
- . Oxygen
- . Other gasses than oxygen
- . Pathogens
- . Thermal
- . Various

Additional classifications will be provided in the function of the new papers uploaded to the database.

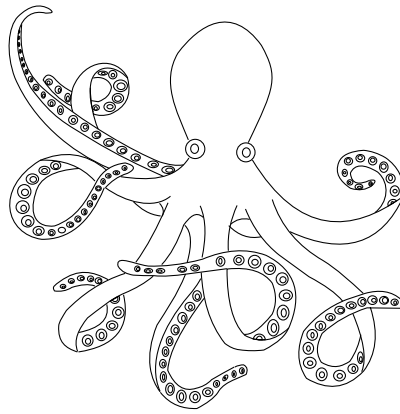
It is impossible to provide search engines and classifications that fully fit the desires of researchers. For this reason, it is up to them to select the documents they need using the three research means. Contrary to the chronological index of the website, no descriptions of the papers' content are provided in this document. However, the authors of the articles and their publication dates are provided, allowing the reader to find them in the chronological lists.

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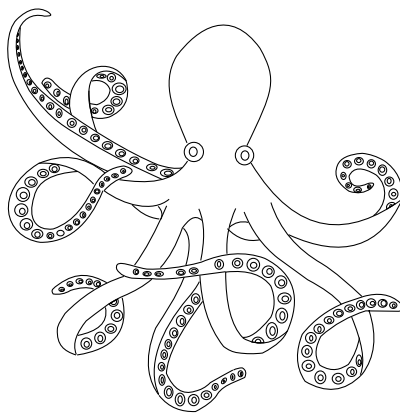
Barotraumas



<i>Title</i>	<i>Authors</i>	<i>Year publication</i>
Oeuvres de Marriotte	Edme Mariotte	1740
Cerebral gas embolism in the course of mildly symptomatic pulmonary barotrauma in a scuba diver	Brumon Kiernikowicz & Stefan Teresinky	1984
Pulmonary Barotrauma and Related Events in Divers	Lawrence W. Raymond	1995
Pulmonary barotrauma in divers vs procedures initiated by medical personnel.	Martyna Krukowska, Katarzyna Jańczuk, Anna Ślifirczyk, Marta Kowalenko	2015
Symptomatic middle ear and cranial sinus Barotraumas as a complication of hyperbaric oxygen treatment	Bengüsu Mirasoglu, Ashcan Cakkalkurt, Maide Cimsit	2016
Frontal Sinus Barotrauma	Ruben Vandenbulcke, Bartel van Holsbeeck, Ilse Crevits, and Jesse Marrannes	2016
Massive Ischemic Stroke Due to Pulmonary Barotrauma and Cerebral Artery Air Embolism During Commercial Air Travel	Sara Farshchi Zarabi, Matteo Parotto, Rita Katznelson, James Downar	2017
Decreased Incidence of Pulmonary Barotrauma After discontinuation of Emergency Free Ascent Training	Pierre Lafère, Peter Germonpré, François Guerrero, Alessandro Marroni, Costantino Balestra	2018
Pulmonary barotrauma during hypoxia in a diver while underwater	Brunon Kierznikowicz, Władysław Wolański, Romuald Olszanski	2020
Rare pulmonary barotrauma after explosive decompression: a case report	Jakub Tlapák, Boris Onišcenko, Petr Došel, Pavel Požár, Petr Chmátal, and Michal Hájek	2020
Effect of antiplatelet and/or anticoagulation medication on the risk of tympanic barotrauma in hyperbaric oxygen treatment patients, and development of a predictive model.	Adam E Howard, Peter Buzzacott, Ian C Gawthrop, Neil D Banham	2020
High Incidence of Barotrauma in Patients With Severe Coronavirus Disease 2019	Michael R. Kahn, Richard L. Watson, Jay T. Thetford, Joseph Isaac Wong, and Nader Kamangar	2021
Sinus barotrauma in diving	Oskari H Lindfors, Anne K Räisänen-Sokolowski, Jari Suvilehto, Saku T Sinkkonen	2021
Macklin effect on baseline chest CT scan accurately predicts barotrauma in COVID-19 patients	Gianluca Paternoster, Gianfranco Belmonte, Enrico Scarano, Pietro Rotondo, Diego Palumbo, Alessandro Belletti, Francesco Corradi, Pietro Bertini, Giovanni Landoni, Fabio Guarracino	2022
Pulmonary barotrauma in patient suffering from COVID-19	Maria Ludovica Carerj, Giuseppe Bucolo, Silvio Mazziotti, Alfredo Blandino, Christian Booz, Giuseppe Cicero, Tommaso D'Angelo.	2022

<i>Title</i>	<i>Authors</i>	<i>Year publication</i>
Pulmonary barotrauma in COVID-19: A systematic review and meta-analysis.	Dhan Bahadur Shrestha, Yub Raj Sedhai, Pravash Budhathoki, Ayush Adhikari, Nisheem Pokharel, Richa Dhakal, Satyasuna Kafle, Wasey Ali Yadullahi Mir, Roshan Acharya, Markos G. Kashiouris, Mark S. Parker	2022
Diving after COVID-19: an update to fitness to dive assessment and medical guidance.	Diving and Hyperbaric Medicine	2022
Chest CT scan for the screening of air anomalies at risk of pulmonary barotrauma for the initial medical assessment of fitness to dive in a military population	Brieuc Bonnemaïson , Olivier Castagna, Sébastien de Maistre, and Jean-Éric Blatteau	2022
Pneumoscrotum, a Rare Presentation of Barotrauma Following Noninvasive Positive Pressure Ventilation in Patients with Severe COVID-19 Pneumonia.	Mohsen Shafiepour, Mohammad Javad Najafzadeh, Seyed Mehdi Hashemi Bajgani, Behnam Dalfardi	2022
Pulmonary barotrauma in SCUBA diving-related fatalities: a histological and histomorphometric analysis.	Josep M. Casadesús, Javier NietoMoragas, Maria T. Serrando, Pere BoadasVaello, Ana Carrera, Fernando Aguirre, R. Shane Tubbs, Francisco Reina	2022
Hyperbaric Pressure Effect on Dental Luting Cements	Secil Ozkan Ata, Nazim Ata, Rifat Ugurlutan	2022

Cardio-Respiratory



<i>Title</i>	<i>Authors</i>	<i>Year publication</i>
Diving Bradycardia in man	P E Harding, D Roman, R F Whelan	1965
Pulmonary surfactant: Hydrophobic nature of the mucosal surface of the surface amnion	Cotton D. B, & Hills B. A.	1983
Respiratory physiology of vertebrates	Goran E. Nilsson	1998
Measurement of fatigue following 18 msw dry chamber dives breathing air or enriched air nitrox	RJD Harris D.J Doolette D.C Wilkinson D.J. Williams	2003
Acute effects of a single open sea air dive and post-dive posture on cardiac output and pulmonary gas exchange in recreational divers	Z Dujic, D Bakovicv, I Marinovic-Terzic, & D Eterovic	2004
A single air dive reduces arterial endothelial function in man	A. O. Brubakk, D. Duplancic, Z. Valic, I. Palada, A. Obad, D. Bakovic, U. Wisloff, and Z. Dujic	2005
Allometric scaling of the maximum metabolic rate of mammals: Oxygen transport from the lungs to the heart is a limiting step.	Page R Painter	2005
Pulmonary gas exchange in diving	R. E. Moon, A. D. Cherry, B. W. Stolp, E. M. Camporesi	2008
Prognostic Significance of Sympathetic Nervous System Activation in Pulmonary Arterial Hypertension	Agnieszka Ciarka , Vi Doan , Sonia Velez-Roa, Robert Naeije, and Philippe van de Borne	2009
Evaluation of critical flicker fusion frequency and perceived fatigue in divers after air and enriched air nitrox diving	Pierre Lafere, Ciostantino Balestra, Walker Hemelryck, Nicole Donda, Ahmed Sakr, Adel Taher, & Peter Germonpre	2010
Exercise carbon dioxide (CO ₂) retention with inhaled CO ₂ and breathing resistance	Barbara E. Shykoff, Dan E. Warkander	2012
The effectiveness of heliox in acute respiratory distress syndrome	Sema Yilmaz, Kenan Daglioglu, Dincer Yildizdas, Ibrahim Bayram, Derya Gumurdulu, Sait Polat	2012
Divers revisited: The ventilatory response to carbon dioxide in experienced scuba divers	Christopher Matthew Norton Earing, Damian John McKeon, Hans-Peter Kubis	2014
Sympathetic Nerve Activity and Simulated Diving in Healthy Humans	Abu Shamsuzzaman, Michael J. Ackerman, Fatima Sert Kuniyoshi, Valentina Accurso, Diane Davison, Raouf S. Amin, and Virend K. Somers	2014
Hypercapnia: clinical relevance and mechanisms of action	Claire Masterson, Gail Otulakowski, and Brian P. Kavanagh	2014

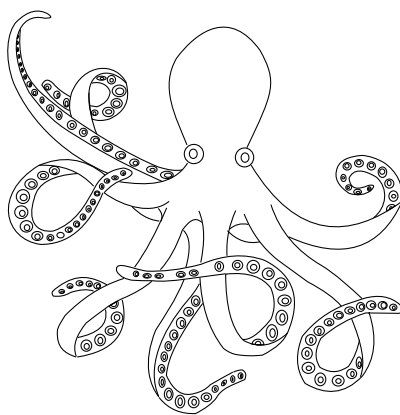
<i>Title</i>	<i>Authors</i>	<i>Year publication</i>
The provision of breathing gas to divers in emergency situations - RR1073	Nick Bailey (UK-HSE)	2015
Comparison between the acute pulmonary vascular effects of oxygen with nitric oxide and sildenafil	Ronald W. Day	2015
The effect of pre-dive ingestion of dark chocolate on endothelial function after a scuba dive.	Sigrid Theunissen, Costantino Balestra, Antoine Boutros, David De Bels, François Guerrero, and Peter Germonpré	2015
Ascorbic acid supplementation diminishes microparticle elevations and neutrophil activation following SCUBA diving	Ming Yang, Otto F. Barak, Zeljko Dujic, Dennis Madden, Veena M. Bhopale, Jasjeet Bhullar, and Stephen R. Thom	2015
Endothelial nitric oxide synthase: a potential therapeutic target for cerebrovascular diseases	Jinqiang Zhu, Wanshan Song, Lin Li, and Xiang Fan	2016
Gas exchange Disturbances Regulate Alveolar Fluid Clearance during Acute Lung injury	István Vadász & Jacob I. Sznajder	2017
Objective vs. Subjective Evaluation of Cognitive Performance During 0.4-MPa Dives Breathing Air or Nitrox	Peter Germonpré, Costantino Balestra, Walter Hemelryck, Peter Buzzacott, Pierre Lafère	2017
Simulated High Altitude Helium-Oxygen Diving	Lu Shi, Yan-meng Zhang, Katsuura Tetsuo, Zhong-yuan Shi, Yi-qun Fang, Petar J. Denoble, Yang-yang Li	2017
Hemoglobin and Erythropoietin After Commercial Saturation Diving	Fatima Z. Kiboub, Costantino Balestra, Øyvind Loennechen, Ingrid Efteda	2018
Arterial Blood Gas Analysis in Breath-Hold Divers at Depth	Gerardo Bosco, Alex Rizzato, Luca Martani, Simone Schiavo, Ennio Talamonti, Giacomo Garetto, Matteo Paganini, Enrico M. Camporesi, and Richard E. Moon.	2018
Reduction in the Level of Plasma Mitochondrial DNA in Human Diving, Followed by an Increase in the Event of an Accident	Jean-Eric Blatteau, Sandrine Gaillard, Sébastien De Maistre, Simone Richard, Pierre Louges, Emmanuel Gempp, Arnaud Druelles, Henri Lehot, Jean Morin, Olivier Castagna, Jacques H. Abraini, Jean-Jacques Risso,	2018
Immunopathology of Airway Surface Liquid Dehydration Disease	Brandon W. Lewis, Sonika Patial , and Yogesh Saini	2019
Circadian rhythm of exhaled biomarkers in health and asthma	Amir Hadanny, Tal Zubari, Liat Tamir-Adler, Yair Bechor, Gregory Fishlev, Erez Lang, Nir Polak, Jacob Bergan, Mony Friedman, and Shai Efrati	2019
Studies of body weight/heart weight ratio in treated and untreated experimental barotrauma.	Piotr Siermuntowski, Wojciech Kozłowski, Katarzyna Pleskacz	2019
Adaptive response triggered by the repeated SCUBA diving is reflected in cardiovascular, muscular, and immune biomarkers	Marko Žarak, Antonija Perovic, Marina Njire Braticovic, Sandra Šupraha Goreta, Jerka Dumic	2020

<i>Title</i>	<i>Authors</i>	<i>Year publication</i>
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	Authors:Francisco de Asís-Fernández, Tamara del Corral, Ibai López-de-Uralde-Villanueva	2020
Cardiovascular testing of seasickness in healthy volunteers on life rafts.	Andrzej Molisz,Tomasz Przewozny,Katarzyna Nowicka-Sauer, Marta Sauer	2020
Xuebijing attenuates decompression-induced lung injuries.	Wen-tao Meng, Long Qing, Quan Zhou, Wei-gang Xu	2020
Feasibility of Detecting Brain Areas Involved in Extreme Breath-Hold Diving	Patrice Jissendi-Tchofo, Yassin Jdaoudi, Peter Germonpré, Danilo Cialoni, Andrea Brizzolari, Patrick Musimu, Costantino Balestra.	2021
Routine Chest X-Rays Are Inaccurate in Detecting Relevant Intrapulmonary Anomalies During Medical Assessments of Fitness to Dive	Thijs T. Wingelaa, Leonie Bakker, Frank J. Nap, Pieter-Jan A. M. van Ooij, Edwin L. Endert, and Rob A. van Hulst.	2021
Breath-Hold Diving – The Physiology of Diving Deep and Returning	Alexander Patrician, Željko Dujic, Boris Spajic, Ivan Drviš, and Philip N. Ainslie.	2021
Lung function changes of divers after single deep heliox diving	Xiao-Chen Bao, Yi-Qun Fang, Tao Yang, Yong-jun Sun, Jun Ma, Ji Xu, Nan Wang, Fang-Fang Wang	2021
Using Underwater Pulse Oximetry in Freediving to Extreme Depths to Study Risk of Hypoxic Blackout and Diving Response Phases	Eric Mulder, Arne Sieber, & Erika Schagatay	2021
Diving Responses in Experienced Rebreather Divers: Short-Term Heart Rate Variability in Cold Water Diving	Richard V. Lundell, Laura Tuominen,Tommi Ojanen, Kai Parkkola, & Anne Räisänen-Sokolowski	2021
The Circulatory Effects of Increased Hydrostatic Pressure Due to Immersion and Submersion	Robert P. Weenink, & Thijs T. Wingelaar	2021
Heart Rate Variability During a Standard Dive: A Role for Inspired Oxygen Pressure?	Pierre Lafère, Kate Lambrechts, Peter Germonpré, Ambre Balestra, Faye Lisa Germonpré, Danilo Cialoni, Alessandro Marroni, Gerardo Bosco, & Costantino Balestra	2021
Human Physiological Responses to a Single Deep Helium-Oxygen Diving	Xiao-Chen Bao, Quan Shen, Yi-Qun Fang, Jian-guo Wu	2021
Mechanisms of Hypoxia-Induced Pulmonary Arterial Stiffening in Mice Revealed by a Functional Genetics Assay of Structural, Functional, and Transcriptomic Data	Edward P. Manning, Abhay B. Ramachandra, Jonas C. Schupp, Cristina Cavinato, Micha Sam Brickman Raredon, Thomas Bärnthaler , Carlos Cosme Jr., Inderjit Singh, George Tellides, Naftali Kaminski, and Jay D. Humphey	2021
Endothelial Injury in Diving: Atomic Force-, Electronic-, and Light-Microscopy Study of the Ovine Decompressed Blood Vessels	Ran Arieli	2021
Extreme Hypoxia Causing Brady-Arrhythmias During Apnea in Elite Breath-Hold Divers	Thomas Kjeld, Anders Brenøe Isbrand, Katrine Linnet, Bo Zerah, Jens Højberg, Egon Godthaab Hansen, Lars Christian Gormsen, Jacob Bejder, Thomas Krag, John Vissing, Hans Erik Bøtker, and Henrik Christian Arendrup	2021

<i>Title</i>	<i>Authors</i>	<i>Year publication</i>
Hydrogen, a Novel Therapeutic Molecule, Regulates Oxidative Stress, Inflammation, and Apoptosis	Yan Tian, Yafang Zhang, Yu Wang, Yunxi Chen, Weiping Fan, Jianjun Zhou, Jing Qiao, and Youzhen Wei	2021
Effect of hyperbaric exposure on pulmonary functions in hyperbaric chamber inside attendants	Levent Demir & Mustafa Avc	2022
White Blood Cells, Platelets, Red Blood Cells and Gas Bubbles in SCUBA Diving: Is There a Relationship?	Danilo Cialoni, Andrea Brizzolari, Alessandra Barassi, Gerardo Bosco, Massimo Pieri, Valentina Lancellotti, and Alessandro Marroni	2022
Volatile Organic Compounds Frequently Identified after Hyperbaric Hyperoxic Exposure: The VAPOR Library.	Feiko J. M. de Jong, Paul Brinkman, Thijs T. Wingelaar, Pieter-Jan A. M. van Ooij, and Rob A. van Hulst	2022
Effect of a Single Simulated 500m Saturation Dive on Lung Function	Ningfang Lian, Sijiao Wang, Lijuan Hu, Liping Xue, Ying Gong, Li Li, Yanjie Yang, and Lei Zhu	2022
How to Survive 33 min after the Umbilical of a Saturation Diver Severed at a Depth of 90 msw?	Sven Dreyer, Andreas Deussen, Dietmar Berndt, and Jochen D. Schipke	2022
Protein tau concentration in blood increases after SCUBA diving: An observational study	Anders Rosén, Mikael Gennser, Nicklas Oscarsson, Andreas Kvarnström, Göran Sandström, Helen Seeman Lodding, Joel Simrén, Henrik Zetterberg.	2022
Hypercapnia from Physiology to Practice	Amilkar Almanza-Hurtado, Camilo Polanco Guerra, Maria Cristina Martinez-Avila, Diana Borre-Naranjo, Tomas Rodriguez-Yanez, and Carmelo Dueñas-Castell	2022
Changes in Specific Biomarkers Indicate Cardiac Adaptive and Anti-inflammatory Response of Repeated Recreational SCUBA Diving	Jerka Dumi, Ana Cvetko, Irena Abramovi, Sandra Šupraha Goreta, Antonija Perovi, Marina Njire Braticevi, Domagoj Kifer, Nino Sincic, Olga Gornik, and Marko Žarak	2022
Exponential Relationship Between Maximal Apnea Duration and Exercise Intensity in Non-apnea Trained Individuals	Authors:Alexandre Guimard, Fabrice Joulia, Fabrice Prieur, Gauthier Poszalczyk, Kader Helme, and François J. Lhuissier	2022
Full-Face Mask Use during SCUBA Diving Counters Related Oxidative Stress and Endothelial Dysfunction	Authors:Morgan Levenez, Kate Lambrechts, Simona Mrakic-Sposta, Alessandra Vezzoli, Peter Germonpré, Hadrien Pique, Fabio Virgili, Gerardo Bosco, Pierre Lafère, and Costantino Balestra	2022
Pulmonary ventilation and gas exchange during prolonged exercise in humans: Influence of dehydration, hyperthermia and sympathoadrenal activity.	José González-Alonso, José A. L. Calbet, Ricardo Mora-Rodríguez, Pascale Kippelen	2022
Pulmonary Effects of One Week of Repeated Recreational Closed-Circuit Rebreather Dives in Cold Water.	Emmanuel Gouin, Costantino Balestra, Jeremy Orsat, Emmanuel Dugrenot, and Erwan L'Her	2022
Hypoxia signatures in closed-circuit rebreather divers	Daniel Popa, Craig Kutz, Morgan Carlile, Kaighley Brett, Esteban A Moya, Frank Powell, Peter Witucki, Richard Sadler, Charlotte Sadler	2022
The Normobaric Oxygen Paradox - Hyperoxic Hypoxic Paradox: A Novel Expedient Strategy in Hematopoiesis Clinical Issues	Michele Salvagno, Giacomo Coppalini, Fabio Silvio Taccone, Giacomo Strapazzon, Simona Mrakic-Sposta, Monica Rocco, Maher Khalife, and Costantino Balestr	2022

<i>Title</i>	<i>Authors</i>	<i>Year publication</i>
Elevations of Extracellular Vesicles and Inflammatory Biomarkers in Closed Circuit SCUBA Divers	Awadhesh K. Arya, Costantino Balestra, Veena M. Bhopale, Laura J. Tuominen, Anne Räisänen-Sokolowski, Emmanuel Dugrenot, Erwan L'Her, Abid R. Bhat, and Stephen R. Thom	2022
Analysis of Volatile Organic Compounds in Exhaled Breath Following a COMEX-30 Treatment Table.	Feiko J. M. de Jong, Thijs T. Wingelaar, Paul Brinkman, Pieter-Jan A. M. van Ooij, Anke H. Maitland-van der Zee, Markus W. Hollmann, and Rob A. van Hulst	2023
Intraoperative air embolism diagnosis and treatment using hyperbaric oxygen therapy after craniotomy: illustrative case.	Armaan K. Malhotra, Ashton P. Chang, Joseph P. Lawton, Aderaldo Costa Alves Jr., Angela Jerath, Bourke W. Tillmann, Harry Foster, Azad Mashari, Leodante da Costa, and Ashish Kumar	2023
Oxygen uptake (VO ₂) and pulmonary ventilation (V _E) during military surface fin swimming in a swimming flume: Effects of surface immersion.	Olivier Castagna, Jean-Eric Blatteau, Arnaud Druelle, Jordan Amara, and Jean-René Lacour	2023
Effects of hyperbaric exposure on mechanical and electronic parameters of implantable cardioverter-defibrillators.	Romain Guenneugues, Anne Henckes, Vincent Mansourati, and Jacques Mansourati	2023
Evaluation of the cardiac functions with tissue doppler before and after hyperbaric oxygen therapy of patients with carbon monoxide poisoning.	Ahmet Burak Simsek, Hazım Alper Gursu, Emine Azak, Yasemin Ozdemir Sahan, Ayse Esin Kibar Gul, Funda Kurt, Ibrahim Ilker Cetin	2023
Ultrasound assessment of the respiratory system using diaphragm motion-volume indices	Alain Boussuges, Guillaume Chaumet, Martin Boussuges, Amelie Menard, Stephane Delliaux, and Fabienne Brégeon	2023
Hyperbaric air mobilizes stem cells in humans; a new perspective on the hormetic dose curve.	Kent J. MacLaughlin, gregory P. Barton, udolf K. Braun, Julia E. MacLaughlin, Jacob J. Lamers, Mathew D. Marcou, and Marlowe W. Eldridge	2023
Individual Changes in Respiratory Compliance Upon Immersion May Predict Susceptibility to Immersion Pulmonary Edema	Olivier Castagna, Arnaud Druelle, Guillaume Michoud, Thibaut Prevautel, and Jean René Lacour	2023

Decompression



<i>Title</i>	<i>Authors</i>	<i>Published</i>
The Origin of forms and Qualities (according to the corpuscular philosophy) illustrated by considerations and experiments - 1. The Theoretical Part	Robert Boyle	1666
Oeuvres de Marriotte	Edme Marriotte	1740
Experiments on the quantity of gases absorbed by water , at different temperatures , and under different pressures	William Henry	1802
Mémoire sur un appareil à air comprime	Triger	1841
Caisson disease and coal mining	Pol & Watelle	1845
Considerations on the health of sponge divers	Leroy de Mericourt	1867
Barometric pressure	Paul Bert	1878
Caisson disease during the construction of the Eads and Brooklyn bridges: A review	W. P Butler	1882
Compressed air illness	Hugh Snell	1896
The prevention of compressed-air illness	Haldane, Boycott, Damant	1908
Caisson sickness, and physiology of work in compressed air.	Sir Leonard Hill	1912
Body size and metabolic rate	Max Kleiber	1947
Calculation of air decompression tables – project NS185-005 subtask 5 test 3	J. V. Dwyer	1955
Reseach report 1 -59: Effects of exposing men to compressed air and helium-oxygen mixtures for 12 hrs at pressures of 2 - 2.6 atmospheres.	G. J Dupfner & H. H. Snider	1958
Decompression sickness during construction of the Dartford Tunnel.	Campbelll Golding, P Griffiths, H. V. Hempleman, W. D. Paton	1960

<i>Title</i>	<i>Authors</i>	<i>Published</i>
decompression sickness among US Navy operational divers: An estimate of incidence using air decompression tables.	Robert D. Workman	1965
Research report 6-65 Calculation of decompression schedules for nitrogen-oxygen and helium-oxygen dives.	Robert D. Workman	1965
A thermodynamic and kinetic approach to decompression sickness.	Brian A. Hills	1966
Limited supersaturation versus phase equilibration in predicting the occurrence of decompression illness.	Brian A. Hills	1969
Medical Aspects of a Simulated Dive to 1500 feet (458 metres)	D R Leitch	1971
Bubble Formation Resulting from Counterdiffusion Supersaturation: A Possible Explanation for Isobaric Inert Gas 'Urticaria' and Vertigo	Grave, Idicula, Lambertsen, Quinn	1972
Decompression procedures for depths in excess of 400 feet	R W Hamilton	1975
Relation of isobaric gas counterdiffusion and decompression gas lesion diseases	Christian J. Lambertsen	1975
Decompression limits for compressed air determined by ultrasonically detected blood bubbles	Merrill Spencer	1976
An examination of the critical gas volume concept in decompression sickness.	Hempleman & Hennessy	1976
A fundamental approach to the prevention of decompression sickness	Brian A. Hills	1976
Effects of Surfactants and Electrolytes on the Nucleation of Bubbles in Gas-Supersaturated Solutions	Edvard A. Hemmingsen	1977
Supersaturation by counterdiffusion and diffusion of gases	Brian A. Hills	1977
Skins of varying permeability: A stabilization mechanism for gas cavitation nuclei	David E. Yount	1978
Recompression treatment tables used throughout the world by government and industry	T.E Berghage, J.Voromasti, E.E.P Barnard	1978

<i>Title</i>	<i>Authors</i>	<i>Year publication</i>
Hyperbaric decompression by means of bubble detection	Ken Smith & Lee Stayon	1978
Work capabilities and physiological effect in HeO ₂ excursions to pressures of 400 - 800 -1200 -1600 feet of sea water.	C.J. Lambertsen, R. Gelfrand, & J.M. Clark	1978
Isobaric inert gas counterdiffusion	Christian Lambertsen, Robert Bornmann	1979
Middle ear gas exchange in isobaric counterdiffusion	C. W. Dueker, c. J. Lambertsen, J. J Rosowski, & J. C. Saunders	1979
Decompression theory - A dynamic critical volume hypothesis	D C Yount & D C Hoffman	1980
Bubble formation in supersaturated gelatin: A further investigation of gas cavitation nuclei	D C Yount & C M Yeung	1980
The solubility of gas in liquids	D C Yount, R Battino, H L Clever	1982
On the evolution, generation, and regeneration of gas cavitation nuclei	D C Yount,	1982
Development of the DCIEM decompression model for compressed air diving.	R Y Nishi and G R Lauckner	1983
Decompression - Decompression Sickness	Alfred Buhlman	1983
Testing of decompression algorithms for the use in the US Navy underwater decompression computer.	E D Thalman, I P Buckingham, W H Spaur	1983
Analysis of gas composition of intravascular bubbles produced by decompression	Akira Ishiyama	1983
A procedure for doing multilevel dives on air using repetitive groups	Edward Thalman & F K Butler	1983
Long term neurological consequences of deep diving	The European Undersea Biomedical Society & The Norwegian Petroleum Directorate	1983
Phase II testing of decompression algorithms for the use in the US Navy underwater	E D Thalman	1984

<i>Title</i>	<i>Authors</i>	<i>Year publication</i>
Diagnosis and Treatment of Decompression Sickness	C W Shiling et alia	1984
A microscopic investigation of bubble formation nuclei	D C Yount & D C Hoffman	1984
Statistically Based Decompression Tables. II. Equal Risk Air Diving Decompression Schedules.	Paul K Weathersby & Blaine Hart	1985
Development of a decompression algorithm for constant 0.7 ATA oxygen partial pressure in helium diving.	E D Thalman	1985
Safety analysis of French 1974 air decompression tables	J P Imbert & M Bontoux	1986
On the use of a bubble formation model to calculate diving tables	D C Yount & D C Hoffman	1986
Validation of decompression tables	37th undersea and hyperbaric medical society workshop	1987
Diving databank – A unique tool for diving procedures	J P Imbert & M Bontoux	1988
Arterial gas embolism as a patophysiologic mechanism for spinal cord decompression sickness.	Francis, Pezeshkpour, & Dutka	1989
Testing of revised unlimited duration upward excursions during helium-oxygen saturation dives	Edward D Thalmann	1990
US Navy nitrox diving applications	James M Chimiak	1991
Neurological long term consequences of deep diving.	K Todnem, H Nyland, H Skeidsvoll, R Svihus, P Rinck, B K Kambestad, T Riise, J A Aarli.	1991
Microbubble damage to the blood-brain barrier: relevance to decompression sickness.	B A Hills & P B James	1991
Statistically-Based Decompression Tables. 6. Repeat Dives on Oxygen/Nitrogen Mixes	Paul K Weathersby	1991
Detection of circulating bubbles with 2D echocardiography and pulsed dopler	A Boussuges, P Ambrosi, G Habib, D Cartran, B Gradette, JM Sainty	1993

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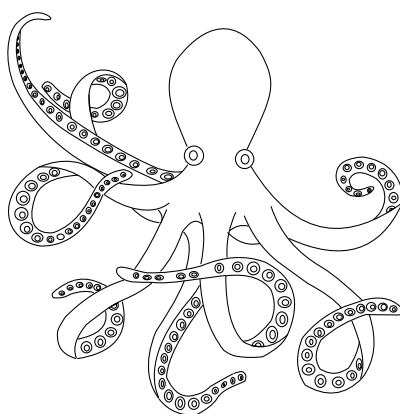
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On modern dive computers and operation protocols, models, tests, data, risk, and application.	Br Vienke & T O' Leary	2017
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<i>Title</i>	<i>Authors</i>	<i>Year publication</i>
Gas micronuclei underlying decompression bubbles may explain the influence of oxygen enriched gases during decompression on bubble formation and endothelial function in self-contained underwater breathing apparatus diving	Ran Arieli	2019
Effect of helium preconditioning on neurological decompression sickness in rats	Rongjia Zhang, Yongchao Yu, Anatol Manaenko, Hongda Bi, Ning Zhang, Ling Zhang, Ting Zhang, Zhouheng Ye, and Xuejun Sun	2019
A Single Simulated Heliox Dive Modifies Endothelial Function in the Vascular Wall of ApoE Knockout Male Rats More Than Females	Simin Berenji Ardestani, Vladimir V. Matchkov, Ingrid Eftedal, & Michael Pederse	2019
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European position paper on the management of patients with patent foramen ovale. Part II - Decompression sickness, migraine, arterial deoxygenation syndromes and select high-risk clinical conditions	Christian Pristipino, Peter Germonpré, Danilo Toni, Horst Sievert, Bernhard Meier, Fabrizio D'Ascenzo, Sergio Berti, Eustaquio Maria Onorato, Francesco Bedogni, Jean-Louis Mas, Paolo Scacciatella, David Hildick-Smith, Fiorenzo Gaita, Paul A. Kyrle, John Thomson, Genevieve Derumeaux, Dirk Sibbing, Massimo Chessa, Marius Hornung, Jose Zamorano, Dariusz Dudek	2021
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<i>Title</i>	<i>Authors</i>	<i>Year publication</i>
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Oxygen



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Essays on the effects produced by various processes on atmospheric air with a particular view to an investigation of the constitution of the acids	Antoine Lavoisier	1776
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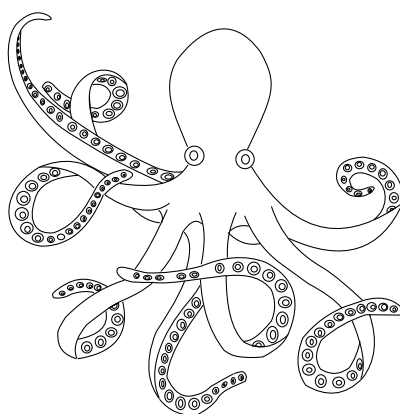
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The role of routine pulmonary imaging before hyperbaric oxygen treatment	Connor TA Brenna, Shawn Khan, George Djaiani, Jay C Buckey Jr. , Rita Katznelson	2022
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Effects of high-intensity interval training with hyperbaric oxygen	Miguel Alvarez Villela, Sophia A. Dunworth, Bryan D. Kraft, Nicole P. Harlan, Michael J. Natoli, Hagir B. Suliman, and Richard E. Moon.	2022
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Hyperoxic exposure monitoring in diving: A farewell to the UPTD	Jan Risberg, & Pieter-Jan van Ooij	2022
The role of hyperbaric oxygen therapy in the management of perioperative peripheral nerve injury: a scoping review of the literature.	Connor TA Brenna, Shawn Khan, Rita Katznelson, Richard Brull	2022
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Complete Recovery of an Iatrogenic Venous Gaseous Embolism (VGE) Clinical Presentation Thanks to a Timely Hyperbaric Oxygen Therapy (HBOT) Treatment.	Authors: Vincenzo Zanon, Silvia Magri, Giulia Bonera, and Enrico Camporesi	2022
Oxidative Stress Response's Kinetics after 60 Minutes at Different (30% or 100%) Normobaric Hyperoxia Exposures.	Clément Leveque, Simona Mrakic-Sposta, Pierre Lafère, Alessandra Vezzoli, Peter Germonpré, Alexandre Beer, Stéphane Mievis, Fabio Virgili, Kate Lambrechts, , Sigrid Theunissen, François Guerrero, and Costantino Balestra	2022
Adverse Effects of Hyperbaric Oxygen Therapy: a systematic review and meta-analysis	Yu-Yao Zhang, Yi-Jun Zhou, Yuan-Yuan Jia, Tian-Tian Wang, Dian-Huai Meng	2023

<i>Title</i>	<i>Authors</i>	<i>Year publication</i>
Hyperbaric oxygen therapy for patients with hypertension after microsurgery of total avulsion of auricle: a case report.	Chunqin Liu, Mingyi Qin, Xiaojuan Hou, Yu Li, Zongze He	2023
The “ON-OFF” Switching Response of Reactive Oxygen Species in Acute Normobaric Hypoxia: Preliminary Outcome.	Simona Mrakic-Sposta, Maristella Gussoni, Mauro Marzorati, Simone Porcelli, Gerardo Bosco, Costantino Balestra, Michela Montorsi, Claudio Lafortuna, and Alessandra Vezzoli.	2023
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Evaluation of the cardiac functions with tissue doppler before and after hyperbaric oxygen therapy of patients with carbon monoxide poisoning.	Ahmet Burak Simsek, Hazım Alper Gursu, Emine Azak, Yasemin Ozdemir Sahan, Ayse Esin Kibar Gul, Funda Kurt, Ibrahim Ilker Cetin	2023
Safety of Hyperbaric Oxygenation Treatment and Evaluation of Associated Clinical Parameters: A Single-Institutional Prospective Cohort Study.	Gonzalo Monge-Martínez, Matías Otto-Yáñez, Nicole Norambuena, Verónica Martínez, Daniela Retamales, Rodrigo Torres-Castro	2023
Pilot Study: The Effectiveness of Hyperbaric Oxygen Therapy in the Treatment of Periodontitis in Patients with Type 2 Diabetes	Katarzyna Latusek, Adrianna Słotwinska-Pawlaczyk, Aleksandra Warakomska, Magdalena Kubicka-Musiał, Rafał Wiench, and Bogusława Orzechowska-Wylegała	2023
Successful treatment of neurologic injury after complex spinal surgery with hyperbaric oxygen therapy: a case report	Connor T. A. Brenna, Shawn Khan, Rita Katznelson, Katherine Marseu	2023
Oxidative Stress Response Kinetics after 60 Minutes at Different Levels (10% or 15%) of Normobaric Hypoxia Exposure.	Clément Leveque, Simona Mrakic Sposta, Sigrid Theunissen, Peter Germonpré, Kate Lambrechts, Alessandra Vezzoli, Maristella Gussoni, Morgan Levenez, Pierre Lafère, François Guerrero, Costantino Balestra	2023
Pulmonary oxygen toxicity in occupational diving	Feiko J. M. de Jong, Thijs T. Wingelaar, Rob A. van Huls	2023
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Hyperbaric oxygen therapy as an adjunct to corticosteroid treatment in sudden sensorineural hearing loss: a retrospective study.	Piotr H. Skarzynski, Aleksandra Kolodziejak, Elzbieta Gos, Magdalena B. Skarzynska, Natalia Czajka, and Henryk Skarzynsk	2023
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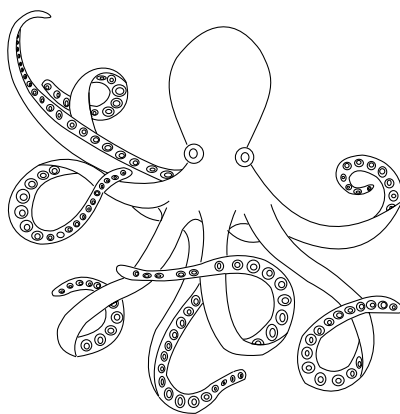
<i>Title</i>	<i>Authors</i>	<i>Year publication</i>
Oxidative Stress Response Kinetics after 60 Minutes at Different (1.4 ATA and 2.5 ATA) Hyperbaric Hyperoxia Exposures	Clément Leveque, Simona Mrakic Sposta, Sigrid Theunissen, Peter Germonpré, Kate Lambrechts, Alessandra Vezzoli, Gerardo Bosco, Morgan Lévéné, Pierre Lafère, François Guerrero, and Costantino Balestra	2023

Other gasses



<i>Title</i>	<i>Authors</i>	<i>Year publication</i>
CO2 retention during hyperbaric exercise while breathing 40/60 nitrox.	D Kerem,Y. I. Daskalovic, R Arieli, A Shupak	1995
Hypoxic ventilatory sensitivity in men is not reduced by prolonged hyperoxia (Predictive Studies V and VI	Gelfand R, Lambertsen C.J, Clark J.M, Hopkin E	1998
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Divers revisited: The ventilatory response to carbon dioxide in experienced scuba divers	Christopher Matthew Norton Earing, Damian John McKeon, Hans-Peter Kubis	2014
Nitrogen narcosis in hyperbaric chamber nurses	Denise F. Blake, Derelle A. Young, Lawrence H. Brown	2015
Diving under the influence: Issues in researching personality and inert gas narcosis.	Charles H. Van Wijk, Jarred H. Martin, Willem A.J. Meintjes	2017
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Nitrogen Narcosis In Diving	Patrick J. Kirkland, Dana Mathew, Pranav Modi, & Jeffrey S. Cooper	2020
Investigating critical flicker fusion frequency for monitoring gas narcosis in divers	Xavier CE Vrijdag, Hanna van Waart, Jamie W Sleight, Costantino Balestra, Simon J Mitchel	2020
Dopamine/BDNF loss underscores narcosis cognitive impairment in divers: a proof of concept in a dry condition.	Thomas Kjeld, Anders Brenøe Isbrand, Katrine Linnet, Bo Zerahn, Jens Højberg, Egon Godthaab Hansen, Lars Christian Gormsen, Jacob Bejder, Thomas Krag, John Vissing, Hans Erik Bøtker, and Henrik Christian Arendrup	2022
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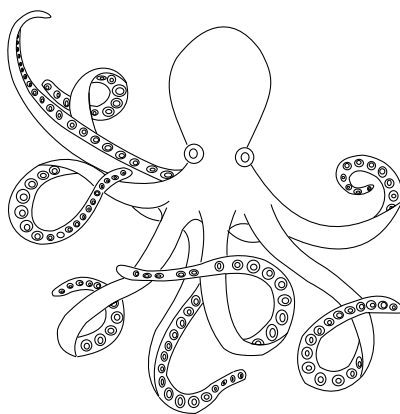
Pathogens



<i>Title</i>	<i>Authors</i>	<i>Year publication</i>
Dependence of Escherichia coli Hyperbaric Oxygen Toxicity on the Lipid Acyl Chain Composition	John B Hartley, George m Santangelo, Howard Rasmussen, Howard Goldfine	1978
Acute Otitis Externa: An Update	Paul Schaffer, Reginald F. Baugh	2012
A modified prophylactic regimen for the prevention of otitis externa in saturation divers	Paul c. Algra	2013
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Infection Control in Therapeutic Hyperbaric Chambers: Practical Inventory in France	Sebastian Schulz-Stübner, Petra Zimmer, Peter Leonards	2015
Povidone-iodine and glycerine for treatment of acute otitis externa	Monika Patel & Arun Dehadaray	2019
Efficacy of 10% ichthammol glycerine pack and steroid-antibiotic pack for relieving pain in acute otitis externa. A comparative study	Shrestha K, Shah R, Sapkota S	2019
Efficacy of UV-C disinfection in hyperbaric chambers	Bobby Glenn Warren, Jason Masker, Gregory Brown, Isabella Gamez, Becky Smith, Deverick J. Anderson, and Nicholas Turner	2020
Shifts in the Oral Microbiota During a Four-Week Commercial Saturation Dive to 200 Meters	Roxane Monnoyer, Kjersti Haugum, Jacky Lautridou, Arnar Flatberg, Astrid Hjelde, and Ingrid Eftedal	2021
Macklin effect on baseline chest CT scan accurately predicts barotrauma in COVID-19 patients	Gianluca Paternoster, Gianfranco Belmonte, Enrico Scarano, Pietro Rotondo, Diego Palumbo , Alessandro Belletti, Francesco Corradi , Pietro Bertini, Giovanni Landoni, Fabio Guarracino	2022
Pulmonary Barotrauma in patient suffering from COVID-19	Maria Ludovica Carerj, Giuseppe Bucolo, Silvio Mazziotti, Alfredo Blandino, Christian Booz, Giuseppe Cicero, Tommaso D'Angelo	2022
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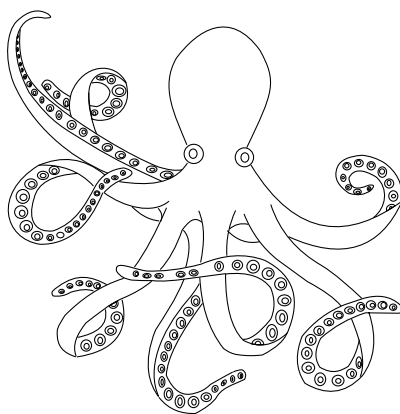
<i>Title</i>	<i>Authors</i>	<i>Year publication</i>
Microbiome of Acute Otitis Externa	Sung Kyun Kim, Sung Jun Han, Seok Jin Hong, and Seok Min Hong	2022
Symptomatic or asymptomatic SAR-CoV-2 positive divers should be medically evaluated before returning to scuba diving	Jean Morin, Nicolas Vallée, Pierre-Louis Dufresne, Sarah Rives, Henri Lehot, Lucille Daubresse, Romain Roffi, Arnaud Druelle, Pierre-Julien Cungi, and Jean-Eric Blatteau	2022
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Thermal



<i>Title</i>	<i>Authors</i>	<i>Year publication</i>
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Proposed thermal limits for divers	R P Weinberg, M J Akerman, & M E Bradley	1984
Effects of serial wet-dry-wet cold exposures: Thermal balance, physical activity, and cognitive	Weinberg, Hesslink, Doubt, Ahler	1989
Effects of hand and foot heating on diver thermal balance	Edward D Thalmann & Robert P Weinberg	1990
Heat shock proteins: modifying factors in physiological stress responses and acquired thermotolerance	Kevin g. Kergel	2002
Heat stress attenuates air bubble-induced acute lung injury: a novel mechanism of diving acclimatization	Kun-Lun Huan, Chin-Pyng Wu, Yin-Li Chen, Bor-Hwang Kang, & Yu-Chong Lin	2003
Heat-induced increases in endothelial NO synthase expression and activity and endothelial NO release	Authors: M. B. Harris, M. A. Blackstone, Hong Ju, V. J. Venema, & R. C. Venema	2003
The effect of temperature on decompression and decompression sickness risk: A critical review	Charles B. Toner, Robert Ball	2004
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Face cooling with mist water increases cerebral blood flow during exercise: effect of changes in facial skin blood flow	Taiki Miyazawa, Masahiro Horiuchi, Daisuke Ichikawa, Andrew W. Subudhi, Jun Sugawara, & Shigehiko Ogoh	2012
Dark chocolate reduces endothelial dysfunction after successive breath-hold dives in cool water	Sigrid Theunissen, Julie Schumacker, Francois Guerrero, Frauke Tillmans, Antoine Boutros, Kate Lambrechts, Aleksandra Mazur, Massimo Pieri, Peter Germonpre, & Costantino Balestra	2013
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Face cooling exposes cardiac parasympathetic and sympathetic dysfunction in recently concussed college athletes	Blair D. Johnson, Morgan C. O'Leary, Muhamed McBryde, James R. Sackett, Zachary J. Schlader, & John J. Leddy.	2018
Diving in the Arctic: Cold Water Immersion's Effects on Heart Rate Variability in Navy Divers	Richard V. Lundell, Anne K. Räisänen-Sokolowski, Tomi K. Wuorimaa, Tommi Ojanen, & Tommi Ojanen.	2020
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Various



<i>Title</i>	<i>Authors</i>	<i>Year publication</i>
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The causes mechanisms and prevention of the high pressure syndrome	W L Hunter & P B Bennett	1974
Respiratory effects of a single saturation dive to 300 m	J E cotes, I S Davey, J W Reed, M Rook	1987
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Salivary secretion and seasickness susceptibility	Carlos R Gordon, Avi Shupak	1992
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Body composition analysis in US Navy divers	D. D. Gumin	2000
Hernie discale lombaire et plongee sous marine	A Diaz, S Taha, J M Berthezeme, J L Diaz	2001
Effects of 30-m nitrox saturation dive on the immune system in man	T. Shimamiya, N. Terada, S. Yakabayashi, M. Mohri	2006
Nitric Oxide and Peroxynitrite in Health and Disease	Pal Pacher, Joseph S. Beckman, Lucas Liaudet	2007
Health status of professional divers and offshore oil industry workers	John A. S. Ross, Jennifer I. Macdiarmid, Liesl M. Osman, Stephen J. Watt, David J. Godden, and Andrew Lawson	2007
Seasickness pathogenesis and the otolithic organs: Vestibular evoked myogenic potentials study - Preliminary results.	Dror Tal, Peter Gilbey, Ronen Bar, and Avi Shupak	2007
Hyperbaric stress in divers and non-divers: Neuroendocrine and psychomotor responses	Tom McLellan, Heather Wright, Shan Rhind, Bruce Cameron, & David Eaton.	2010
Free radicals, antioxidants and functional foods: Impact on human health	V. Lobo, A. Patil, A. Phatak, N. Chandra	2010

<i>Title</i>	<i>Authors</i>	<i>Year publication</i>
Harmful Noise Intensity Level Pre Determination System for Noise Generated Sources	A.C.P.K. Siriwardhana, R.G.N. Meegama, and G.M.L.P. Aponsu	2011
The Underestimated Compression Effect of Neoprene Wetsuit on Divers Hydromineral Homeostasis	O. Castagna, J. E. Blatteau, N. Vallee, B. Schmid, J. Regnard	2013
Towards Integrated Physical Activity Profiling	Dylan Thompson, Alan M. Batterham	2013
Tricontinental Scientific Meeting on Diving and Hyperbaric Medicine	Organised by EUBS, SPUMS, SAUHMA, and ARESUB	2013
World Medical Association Declaration of Helsinki Ethical Principles for Medical Research Involving Human Subjects	World Medical Association (WMA)	2013
Ethical Standards in Sport and Exercise Science Research: 2014 Update	D. J. Harriss, G. Atkinson	2013
Lipid Peroxidation: Production, Metabolism, and Signaling Mechanisms of Malondialdehyde and 4-Hydroxy-2-Nonenal	Antonio Ayala, Mario F. Muñoz, and Sandro Argüelles	2014
The provision of breathing gas to divers in emergency situations	Nick Bailey	2015
Occupational noise exposure and hearing: a systematic review	Arve Lie, Marit Skogstad, Håkon A. Johannessen, Tore Tynes, Ingrid Sivesind Mehlum, Karl-Christian Nordby, Bo Engdahl, Kristian Tambs.	2015
Central nervous system (CNS) toxicity caused by metal poisoning: Brain as a target organ	Syeda Rubina Gilani, Madiha Batool, Syed Raza Ali Zaidi, Zaid Mahmood, Amanat Ali Bhatti, and Arjumand Iqbal Durran	2015
Physiology Of Drowning: A Review	Joost J. L. M. Bierens, Philippe Lunetta, Mike Tipton, & David S. Warner.	2016
Lost at sea: the medicine, physiology and psychology of prolonged immersion	Heather Massey, John Leach, Michael Davis, & Vicki Vertongen.	2017
Influence of repetitive diving in saltwater on pressure equalization and Eustachian tube function in recreational scuba divers.	Moritz F Meyer, Manuela Boor, Stefanie Jansen, Eberhard D Pracht, Moritz Felsch, Heinz D Klünter, Karl-Bernd Hüttenbrink, Dirk Beutner, Maria Grosheva	2017
Influence of repetitive diving in freshwater on pressure equalization and Eustachian tube function in recreational scuba divers.	Moritz F Meyer, Manuela Boor, Stefanie Jansen, Eberhard D Pracht, Moritz Felsch, Heinz D Klünter, Karl-Bernd Hüttenbrink, Dirk Beutner, Maria Grosheva	2017
Personality and behavioural outcomes in diving: current status and recommendations for future research.	Charles H Van Wijk	2017

<i>Title</i>	<i>Authors</i>	<i>Year publication</i>
Diving and antidepressants	Abraham L Querido	2017
Effects of the Ketogenic diet in overweight divers breathing Enriched Air Nitrox	Authors:Gerardo Bosco, Alex Rizzato, Silvia Quartesan, Enrico Camporesi, Devanand Mangar, Matteo Paganini, Lorenzo Cenci, Sandro Malacrida, Simona Mrakic-Sposta, Sara Moretti, & Antonio Paoli.	2018
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Safety Priorities and Underestimations in Recreational Scuba Diving Operations: A European Study Supporting the Implementation of New Risk Management Programmes	Serena Lucrezi, Salih Murat Egi, Massimo Pieri, Francois Burman, Tamer Ozyigit, Danilo Cialon, Guy Thomas, Alessandro Marroni, and Melville Saayman.	2018
A Rare Non-Penetrant Abdominal Wall Injury Caused By High-Pressure Water.	Çigdem Özer Gökaslan, Ugur Toprak, Serkan Gokaslan	2018
Commercial Divers' Subjective Evaluation of Saturation	Jean-Pierre Imbert, Costantino Balestra, Fatima Zohra Kiboub, Oyvind Loennechen, & Ingrid Eftedal	2019
Inflammation associated with noise-induced hearing loss	Mitchell D. Frye, Allen F. Ryan, & Arwa Kurabi	2019
Effects of freediving on middle ear and eustachian tube function	Moritz F Meyer, Kristijana Knezic, Stefanie Jansen, Heinz D Klünter, Eberhard D Pracht, Maria Grosheva	2020
The Visible Behaviour of Drowning Persons: A Pilot Observational Study Using Analytic Software and a Nominal Group Technique	Aida Carballo-Fazanes, Joost J.L.M. Bierens, and the International Expert Group to Study Drowning Behaviour	2020
Common mental health conditions among navy divers: A brief report	Author: Charles H Van Wijk, Jarred H Martin, Nazneen Firfi reyBreath-ho	2020
Diving with diabetes - A review of recommendations	Ewa Manka, Bartosz Skuratowicz, Sebastian Kwiatek, Maciej Krupowies, Karolina Sieron	2020
Effect of Long-Term Diving Exposure on Sleep of Male Occupational Divers in Southern Taiwan: A Cross-Sectional Study	Wei-Shih Tseng, Nian-Sheng Tzeng, Kung-Hung Lin, Nan-Chieh Huang, Man-Yuan Huang, and Bor-Hwang Kang	2021
Emergency Medicine Cases in Underwater and Hyperbaric Environments: The Use of in situ Simulation as a Learning Technique	Matteo Paganini, Giulia Mormando, Sandro Savino, Giacomo Garetto, Giulia Tiozzo, Enrico M. Camporesi, Fabrizio Fabris, and Gerardo Bosco	2021
The Assessment of Daily Energy Expenditure of Commercial Saturation Divers Using Doubly Labelled Water	Sanjoy K. Deb, Eimear Dolan, Catherine Hambly, John R. Speakman, Olav Eftedal, Mohammed Gulrez Zariwala, and Ingrid Eftedal	2021
Physiology of repeated mixed gas 100 m wreck dives using a closed-circuit rebreather: a field bubble study	Costantino Balestra, François Guerrero, Sigrid Theunissen, Peter Germonpré, & Pierre Lafère	2021

<i>Title</i>	<i>Authors</i>	<i>Year publication</i>
Engineering and Medicine in Extreme Environments	Tobias Cibis & Carolyn McGregor	2021
Incidence and immediate consequences of electrical shocks among Danish electricians: a cohort study	Karin Biering, Anette Kærgaard, Ole Carstensen, Kent Jacob Nielsen	2021
Assessment of Alertness and Cognitive Performance of Closed Circuit Rebreather Divers With the Critical Flicker Fusion Frequency Test in Arctic Diving Conditions	Wilhelm W. Piispanen, Richard V. Lundell, Laura J. Tuominen, Anne K. Räisänen-Sokolowski.	2021
Functional Profiling Reveals Altered Metabolic Activity in Divers' Oral Microbiota During Commercial Heliox Saturation Diving	Roxane Monnoyer, Ingrid Eftedal, Astrid Hjelde, Sanjoy Deb, Kjersti Haugum, & Jacky Lautridou.	2021
Underwater and Surface Swimming Parameters Reflect Performance Level in Elite Swimmers	Robin Pla, Gauthier Poszalczyk, Cyrine Souaissia, Fabrice Joulia, and Alexandre Guimard	2021
Aging and its treatment with vitamin C: a comprehensive echanistic Review.	Shumaila Mumtaz, Shaukat Ali, Hafiz Muhammad Tahir, Syed Akif Raza Kazmi, Hafiz Abdullah Shakir, Tafil Akbar Mughal, Samaira Mumtaz, Muhammad Summer, Muhammad Adeel Farooq	2021
The Implications of the Diving Response in Reducing Panic Symptoms	Peter Kyriakoulis, Michael Kyrios, Antonio Egidio Nardi, Rafael C. Freire, & Mark Schier.	2021
Seasickness among Icelandic seamen	Authors:Nanna Yr Arnardottir, Sigridur Sia Jonsdottir, Hannes Petersen	2022
Does Military High-speed Boat Slamming Cause Severe Injuries and Disability?	Johan Ullman, David Hengst, Ronald Carpenter, Yohan Robinson	2022
Effects of Electrical Current Passing Through the Human Body and Safety Requirements.	Najmuddin Noorzad , Sırrı Sunay Gürleyük	2022
Editorial: Survival in Extreme Environments – Adaptation or Decompensation?, Volume I	Torkjel Tveita, Ingrid Eftedal, Sanjoy Deb	2022
Black box of diving accidents: Contribution of forensic underwater experts to three fatal cases.	Ilaria Tarozi, Lorenzo Franceschetti, Gianfranco Simonini, Silvia Raddi, Davide Machado, Valentina Bugelli	2022
Water-Resistant Conductive gels toward Underwater Wearable Sensing	Junjie Wei, Peng Xiao, and Tao Chen	2023
Scientific shallow saturation dive expedition using diving rebreathers and a specific dry habitat: medical management of the “Capsule” programme.	Emmanuel Gouin, Jean Eric Blatteau, Emmanuel Dugrenot, François Guerrero, Bernard Gardette; on behalf of Under the Pole Consortium	2023
Editorial: Feelings of energy and fatigue: Two different moods	Ali Boolani, Joel Martin, Fulvio D’Acquisto, and Costantino Balestra	2023

<i>Title</i>	<i>Authors</i>	<i>Year publication</i>
Paracentral acute middle maculopathy in a fasting patient after cataract surgery and its response to hyperbaric oxygen therapy	Betul Onal Gunay	2023

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