

# ***Diving & ROV*** **specialists**



***Index for document research***

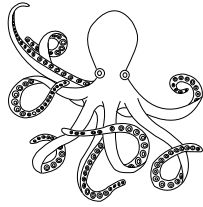
***first aid papers and books  
stored in the website database***



**September 2024**



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# Diving & ROV Specialists

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## Purpose

This document lists the papers on "***First aid***" archived in the relevant section of the "Diving and ROV Specialists" website database.

Its purpose is to serve as a supplementary resource for research to the chronological list and search engine capabilities. For this reason, the various documents are categorized under the following sub-sections:

- General guidelines and rules (*standard procedures*)
- General studies (*universally applicable documents*)
- Diving guidelines and studies (*documents specific to diving operations*)

Categorizations will be refined over time. However, it is impractical to provide search engines and classifications that fully reflect researchers' preferences. Therefore, it is hoped that these three search methods will enable you to find the documents you seek.

Unlike the website's chronological index, this document does not include descriptions of the content of the various papers. However, the chronological classification number, authors' names, and publication dates are available, allowing you to locate them in the chronological lists where the descriptions and download links are provided.

This list was published on 1 September 2024. Please note that new documents added for this edition of the website are listed for each main section on the home page of the website.



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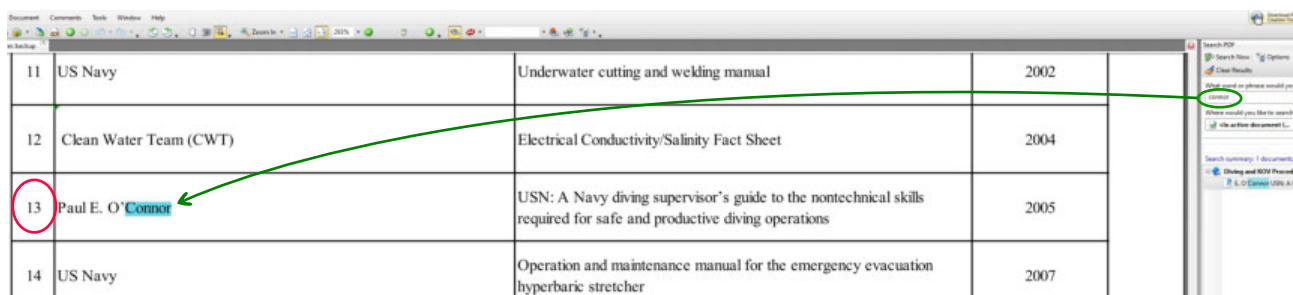
## Important note:

This document is in PDF (Portable Document Format), so it can be downloaded and used independently of the website. It is also worth noting that some PDF readers come with a built-in search engine. This feature allows users to locate specific documents by entering relevant keywords, making document retrieval more efficient and convenient. It is, therefore, possible to find the desired document by browsing the list or by using the aforementioned search engine. Among the many free PDF readers available on the Internet, the four listed below include the aforementioned search engine:

- WPS Office (<https://www.wps.com/>) - works on Windows, Mac OS, and Linux
- PDF X Change Viewer (<https://pdf-xchange.eu/pdf-xchange-editor/index.htm>) - Works on Windows and Mac OS.
- Foxit Reader (<https://www.foxit.com/pdf-reader/>) - Works on Windows, Linux , and Mac OS
- Adobe Acrobat Reader (<https://get.adobe.com/reader/>) - Works on Windows and Mac Os.

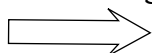
### To locate a document within the chronological presentation of the database:

1. Follow the list and select the desired document, or use the search function of the PDF software by entering the keyword in the dedicated field. In this example, the author's name (Paul E. O'Connor) has been used.



11	US Navy	Underwater cutting and welding manual	2002
12	Clean Water Team (CWT)	Electrical Conductivity/Salinity Fact Sheet	2004
13	Paul E. O'Connor	USN: A Navy diving supervisor's guide to the nontechnical skills required for safe and productive diving operations	2005
14	US Navy	Operation and maintenance manual for the emergency evacuation hyperbaric stretcher	2007

2. Select the reference number (highlighted in red) and the year of publication (2005 in this example).
3. On the website, open the corresponding section and year of publication in the database (accessible via "Documents" in the navigation bar).



#### **Diving & ROV procedures and standards**

This section provides currently enforced diving standards and guidelines adopted by national bodies or published by professional organizations. It also includes procedures published by highly skilled independent authors that can serve as references. Links are provided to organizations that publish paid documents frequently used or imposed on contractors.

Note that we believe that every standard or norm imposed on contractors should be available free of charge.

Diving & ROV procedures

- Documents years 2019 to today

- Documents years 1980 to 2018

#### **Historical**

4. Scroll down to find the corresponding number, title, and author's name in the chronological list. Click on the picture or the description, and enjoy.

13 - USN: A Navy diving supervisor's guide to the nontechnical skills required for safe and productive diving operations



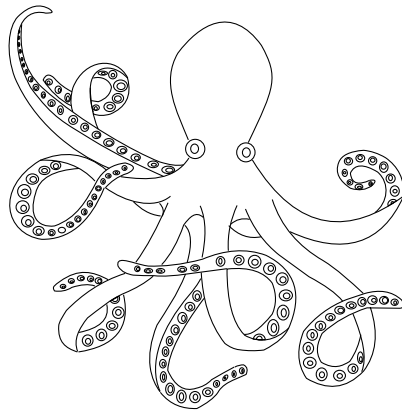
Author: Paul E O'Connor

The purposes of this guide are to provide information on the nontechnical skills required for safe and productive operations by U.S. Navy dive teams. Nontechnical skills are required for safe and effective performance in a technical context but are not directly related to technical expertise. The nontechnical skills addressed in this guide include situation awareness, decision making, team working/leadership, and mitigating the effects of stress and fatigue. Communication is not included as a separate topic since it underpins every one of these skills.

Reference USN: NEDU TR 05-09  
Date: June 2005

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# General guidelines and rules

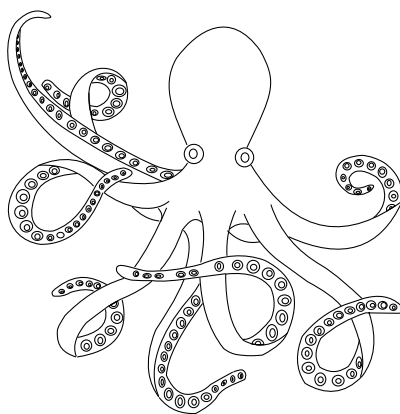


<i>Nb</i>	<i>Authors</i>	<i>Title</i>	<i>Topic discussed</i>	<i>Year publication</i>
<b>1990 - 2021</b>				
1	European community	European community - Council Directive 92/29/ EEC	General	1992
4	American heart association	Basic life support - CPR - presentation	Guidelines - suf	2000
5	Sara Booth, Heather Anderson, Maelie Swannick, Rosemary Wade, Suzanne Kite, Miriam Johnson	The use of oxygen in the palliation of breathlessness. A report of the expert working group of the scientific committee of the association of palliative medicine	Guidelines - suf	2004-01
7	World Health Organization	World Health Organization - International Medical guide for ships - rev. 3	General	2007
9	Martin A Croce, Louis J Magnotti, Stephanie A Savage, George W Wood, & Timothy C Fabian	Emergent Pelvic Fixation in Patients with Exsanguinating Pelvic Fractures.	Manual	2007
10	John Penzo, & Kirk Dobrowolski	Student drug reference manual	Manual	2009
11	Schlaich C., Reinke A., Sevenich C., Riemer T., & 11 Scientists	International maritime health: Guidance to the International Medical Guide for Ships 3 rd edition - Interim advice regarding the best use of the medical chest for ocean-going merchant vessels without a doctor onboard	guidelines	2010
12	World Health Organization	World Health Organization: Quantification Addendum - International Medical Guide for Ships, 3rd Edition.	Guidelines	2010
13	Ferhat Meziani , Xavier Delabranche, Pierre Asfar, and Florence Toti	Bench-to-bedside review: Circulating microparticles - a new player in sepsis?	Guidelines	2010-10
14	World Health Organization	IARC Monographs on the Evaluation of Carcinogenic Risks to Humans	Guidelines	2010-10
15	S. Nogue, R. Pou, J. Fernandez, & P. Sanz-Gallen	Fatal hydrogen sulphide poisoning in unconfined spaces	Guidelines	2011
17	M. Beuran, S. Paun, B. Gaspar, M. Vartic. & 4 scientists	Prehospital Trauma care: A clinical review	General	2012
18	Adrian Fuente, Bradley McPherson, and Louise Hickson	Auditory dysfunction associated with solvent exposure	General	2013-01
19	Dan Medical	D-MAS HyperSat 2540 - Instructions for use	Diving / manual	2013
22	Alan Moloff	Pelvic Stabilization Devices 5 Reasons to Choose T-PODResponder for Your EMS or Hospital Critical Care Team	manual	2014
23	Teleflex	eZ-io insertion Talon & Power driver	manual	2014
24	Teleflex	Tactically Advanced Lifesaving Intraosseous Needle - use	manual	2014
25	Pyng Medical Corp	T-PODResponder™ Pelvic Stabilization Device Training	manual	2014
28	M Abdollahi, & A Hosseini	Hydrogen sulphide	General guidelines	2014
30	Avi Shina, Erez Nissim Baruch, Amir Shlaifer, Ami Shovali & 6 scientists	Comparison of Two Intraosseous Devices: The NIO Versus the EZ-IO by Novice Users-A Randomized Cross Over Trial	General	2016
31	Bistra Iordanova, Lingjue Li, Robert S. B. Clark, & Mioara D. Manole	Alterations in Cerebral Blood Flow after Resuscitation from Cardiac Arrest	General	2017
32	Lucas	LUCAS 3, v3.1 - chest compression system	manual	2017-06
33	EN regulations	European regulation 2017 on medical devices, amending Directive 2001/83/EC, Regulation No 178/2002 and Regulation No 1223/2009 and repealing Council Directives 90/385/EEC and 93/42/EEC	guidelines	2017
34	Malay Sarkar, Irappa Madabhavi, & Nagaveni Kadakol	Oxygen-induced hypercapnia: physiological mechanisms and clinical implications.	guidelines	2017-12

35	Simon J Mitchell, Michael H Bennett, Phillip Bryson, Frank K Butle, & 4 scientists	Pre-hospital management of decompression illness: expert review of key principles and controversies	guidelines	2018
36	Surg Cdr Kamal Mishra, & Surg Capt Gokul Krishnan	Carbon monoxide poisoning	guidelines	2018
37	The committee of trauma	Advanced trauma life support	guidelines	2018
38	Yu Liu, Yanshu Zhang, Lei Zhang, Hongliang Bai, & 2 scientists	The impact of SimMan on resident training in emergency skills	guidelines	2018
39	Gilles Guerrier, Christine Agostini, Marion Antona, Fiorella ponzini, & 4 scientists	Choosing appropriate size of I-gel for initial success insertion: a prospective comparative study	guidelines	2019
41	Jeroen Seesink, Stella Nieuwenburg, Theo van der Linden, & Joost J.L.M. Bierens	Circumstances, outcome and quality of cardiopulmonary resuscitation By lifeboat crews	guidelines	2019
44	Maritime coast guard agency	MSN 1905 - Ship's medical stores	guidelines	2020
45	James Eric Neal, & Brett Lewellyn	Operating on a Stretcher is a Safe Alternative to An Operating Room Table	guidelines	2020
47	Abdelazeem M Algammal, Helal F Hetta, Amr Elkelish, Dalal Hussien H Alkhalifah, Wael N Hozzein, Gaber El-Saber Batiha, Nihal El Nahhas, Mahmoud A Mabrok	Methicillin-Resistant Staphylococcus aureus (MRSA): One Health Perspective Approach to the Bacterium Epidemiology, Virulence Factors, Antibiotic-Resistance, and Zoonotic Impact	guidelines	2020-09
48	Florian Ettl, Eva Fischer, Heidrun Losert, Dominik Stumpf, & 4 scientists	Effects of an Automated External Defibrillator With Additional Video Instructions on the Quality of Cardiopulmonary Resuscitation	guidelines	2020
49	David Dayya, Owen J. O'Neil, Tracy D. Feiertag, Ritzel Tuazon-Boer, John Sullivan, Lubiha Perez, Sandrah Gurash, Matthew Eaton, Taylor Bodley, Joanne Marker, Elizabeth Smykowski, T. Hall	The use of oxygen hoods in patients failing on conventional high-flow oxygen delivery systems, the effects on oxygenation, mechanical ventilation and mortality rates in hypoxic patients with COVID-19. A Prospective Controlled Cohort Study	studys	2021-01
51	Allart M. Venema, Marko M. Sahinovic, Albert J. D. W. R. Ramaker, Yvette N. van de Riet, & 2 scientists	Performance of Basic Life Support by Lifeboat Crewmembers While Wearing a Survival Suit and Life Vest: A Randomized Controlled Trial.	guidelines	2021
<b>2022 - Now</b>				
1	Álvaro Astasio-Picado, Paula Cobos-Moreno, Beatriz Gómez-Martín, María del Carmen, Zabala-Baños, and C. Aranda-Martín	Clinical Management of Intraosseous Access in Adults in Critical Situations for Health Professionals	guidelines	2022-02
2	Ronal Surya Aditya, Ah Yusuf, Fitriana Kurniasari Solikhah, Setyo Budi, & 2 scientists	Nurse's Experiences in Handling Stretcher Patients on Commercial Medical Escort in Indonesia: A Qualitative Study	guidelines	2022-05
3	Jianxun Li, Haoxin Fu, Kin Keung Lai, & Bhagwat Ram	Optimization of Multi-Objective Mobile Emergency Material Allocation for Sudden Disasters	guidelines	2022-07
4	NUI	NUI Compact chest compression device (NCCD) - User manual	Manual	2022-09
6	Julang Fahman, Wilson Kores, Olivia Jeany Darmawan, Adji Saroso, & 12 scientists	Handbook of Cardiopulmonary Resuscitation & First Aid	guidelines	2022-11

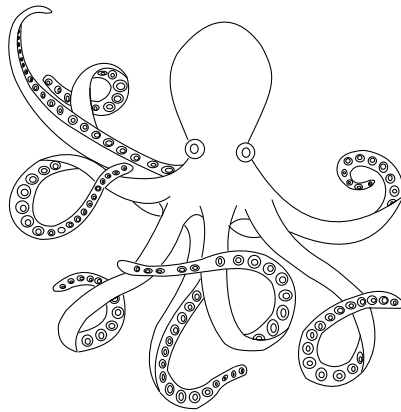


# General studies



<i>Nb</i>	<i>Authors</i>	<i>Title</i>	<i>Year publication</i>
<b>1990 - 2021</b>			
29	Surajit Bhattacharya, R. K. Mishra	Pressure ulcers: Current understanding and newer modalities of treatment	2015-04
42	Johanna Wall, Sriveena Naganathar, Banjerd Praditsuktavorn, Oscar F. Bugg, & 4 scientists	Modeling Cardiac Dysfunction Following Traumatic Hemorrhage Injury: Impact on Myocardial Integrity.	2019
43	Hiroki Nagasawa, Kazuhiko Omori, Kenichi Muramatsu, Ikuto Takeuchi, & 3 scientists	Outcomes of prehospital traumatic cardiac arrest managed by helicopter emergency medical service personnel in Japan: a registry data analysis	2020-01
46	Muhammad Husaini Rahmat, Ruhaizin S, Rosalam, Hassan A, Khairul Manami K and Industri S	Ergonomic study of stretcher for rescuer to lift down body	2020
49	David Dayya, Owen J. O'Neil, Tracy D. Feiertag, Ritzel Tuazon-Boer, John Sullivan, Lubih Perez, Sandrah Gurash, Matthew Eaton, Taylor Bodley, Joanne Marker, Elizabeth Smykowski, T. Hall	The use of oxygen hoods in patients failing on conventional high-flow oxygen delivery systems, the effects on oxygenation, mechanical ventilation and mortality rates in hypoxic patients with COVID-19. A Prospective Controlled Cohort Study	2021-01
<b>2022 - Now</b>			
5	Kara D. Wyatt, Neha N. Goel, & Jessica S. Whittle	Recent advances in the use of high flow nasal oxygen therapies	2022-10
7	Seong-Yong Jeong, Young Kook Moon, Joseph Wang, & Jong-Heun Lee	Exclusive detection of volatile aromatic hydrocarbons using bilayer oxide chemiresistors with catalytic overlayers	2023-01
12	Christian Zanza, Francesco Saglietti, Gabriele Savioli, Davide Maria Biancone, Mario Balzanelli, Benedetta Giordano, Anna Chiara Trompeo, Yaroslava Longhitano	Effectiveness of Intranasal Analgesia in The Emergency Department	2023-08
15	Michele Salvagno, Federico Geraldini, Giacomo Coppalini, Chiara Robba, & 6 scientists	The Impact of Inotropes and Vasopressors on Cerebral Oxygenation in Patients with Traumatic Brain Injury and Subarachnoid hemorrhage: A Narrative Review.	2024-01
16	Alberto Gabrieli, Caterina Barberi, Caterina Compostella, Michela Azzolini, Andrea Butturini, Gabriele Larger, Lara Boldo, Matteo Paganini, Roberta Levato, Andrea Ventura	Local Anesthetic Systemic Toxicity Joint Management in the Prehospital Environment: A Case Report	2024-02
17	Midas N. de Grunt, Bianca de Jong, Markus W. Hollmann, Milan L. Ridderikhof, and Robert P. Weenink	Parenteral, Non-Intravenous Analgesia in Acute Traumatic Pain—A Narrative Review Based on a Systematic Literature Search	2024-04

# Diving guidelines and studies



<i>Nb</i>	<i>Authors</i>	<i>Title</i>	<i>Year publication</i>
<b>1990 - 2021</b>			
2	J. Delosa	Management of seriously ill patients in the hyperbaric chamber	1998
3	N. K. I. McIver	Treatment of compressed-air decompression accidents	1998
6	Jacek Kot	Medical equipment for multiplace hyperbaric chambers - part 2 - Ventilators.	2006
8	Tony Alleman, & Joseph Serio	Commercial Diver Medical Report: Methicillin Resistant Staphylococcus Aureus	2007-06
16	Undersea & Hyperbaric Medical Society	Prevention and Treatment of Decompression Sickness and Arterial Gas Embolism	2011
19	Dan Medical	D-MAS HyperSat 2540 - Instructions for use	2013
20	Conkin J, Abercromby AFJ, Dervay JP, Feiveson AH, Gernhardt ML, Norcross J, Ploutz-Snyder R, Wessel JH	Towards a Probabilistic Assessment of Hypobaric Decompression Sickness Treatment	2014-02
21	DMAC	Report on tests of Zoll automatic external defibrillator function in hyperbaric heliox conditions	2014
26	Emmanuel Cauchy, Sandra Leal, Marie-Anne Magnan, & Hugo Nespoulet	Portable Hyperbaric Chamber and Management of Hypothermia and Frostbite: An Evident Utilization	2014
27	Jacek Kot	Medical devices and procedures in the hyperbaric chamber	2014
40	Richard E. Moon, & Simon Mitchell	Hyperbaric treatment for decompression sickness: current recommendations	2019
50	Matteo Paganini, Giulia Mormando, Sandro Savino, Giacomo Garetto, & 4 scientists	Emergency Medicine Cases in Underwater and Hyperbaric Environments: The Use of in situ Simulation as a Learning Technique	2021
<b>2022 - Now</b>			
8	Björn Jüttner, Christian Wölfel, Holger Schöppenthau, Johannes Meyne, & 10 scientists	S2k guideline for diving accidents	2023-03
9	Joost Bierens, Janet Bray, Cristian Abelairas-Gomez, Roberto Barcala-Furelos, & 18 scientists	A systematic review of interventions for resuscitation following drowning	2023-04
10	US Federal Aviation Administration	Altitude induced decompression sickness	2023-06
11	Jan Schmitz, Felix Liebold, Jochen Hinkelbein, Sophia Nöhl, Serge C Thal, & Timur Sellmann	Cardiopulmonary resuscitation during hyperbaric oxygen therapy: a comprehensive review and recommendations for practice	2023-06
13	Graham Johnson, Philip Bryson, Nicholas Tilbury, Benjamin McGregor, & 4 scientists	Delivering manual cardiopulmonary resuscitation (CPR) in a diving bell: an analysis of head-to-chest and knee-to-chest compression techniques	2023-09
14	Andrew Tabner, Philip Bryson, Nicholas Tilbury, Benjamin McGregor, & 4 scientists	An evaluation of the NUI Compact Chest Compression Device (NCCD), a mechanical CPR device suitable for use in the saturation diving Environment	2023-09

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