

European Journal of Underwater and Hyperbaric Medicine



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DISCLAIMER: All opinions expressed are given in good faith and in all cases represent the views of the writer and are not necessarily representative of the policy of the EUBS.

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EDITORIAL & PRESIDENT'S COLUMN

Dear Friends,

2004 was a busy year for the EUBS. In September, we celebrated our 30th anniversary at the EUBS 2004 Annual Meeting, which was held on the island of Corsica in Ajaccio, the city in which Napoleon was born in 1769, a fact that introduced a distinguished historical flavor to the meeting and the social events.

The EUBS 2004 was one of the most well-attended meetings we ever had, and now is a good opportunity to thank Bruno Grandjean and Jean-Louis Meliet again for the excellent meeting they organized. It was a very festive launching of the fourth decade of our society, and let us hope we will expand in members and countries represented over the following ten years.

During the meeting, Einar Thorsen officially completed his term as a member at large and we thanked him for three years of service. Jacek Kot was elected as member at large for 2004. The voting rate this year was higher than ever, and it reflects the fact that members do feel they want to be involved. Thanks for your contribution and we are looking forward to an even higher voting rate this year.

Several months later, in December, we assembled for another two meetings in Lille, under the hearty hospitality of Daniel Mathieu. First came the closing meeting of the COST B14 Action. COST as you probably know is an intergovernmental framework for European Co-Operation in the field of Scientific and Technical Research, allowing the co-ordination of nationally funded research on a European level. COST Actions cover basic and pre-competitive research as well as activities of public utility. COST became a successful tool for tackling topics of a truly global nature by increasing European cooperation and interaction. The COST B14 Action on "hyperbaric oxygen therapy" which was launched in December 1998, included delegates from 19 European countries. A lot of significant work was accomplished over these six years. Yet, there is still much more work to do. This action came to its end, and we all hope that someone will take the initiative (and it is indeed a lot of work) to establish a new COST Action in the field of hyperbaric medicine.

Then came the 7th European Consensus conference on Hyperbaric Medicine. The first consensus conference for HBO was held in Lille in 1994, and it was symbolic to meet again at the same place 10 years later. In between all these events, several consensus conferences and workshops took place at different locations on different topics. I hope we'll meet again in another ten years in beautiful and peaceful Lille, somewhat older but still full of optimism...

Special complements to Daniel Mathieu for choosing the site of the reception in the Museum and especially for the guided tour in the exhibition of the architect Christian de Portzamparc, presenting "Pluriel et Singulier" and his concept of the modern city. I am not sure whether Daniel arranged it on purpose but "Pluriel et Singulier" resembles us, acting as individuals in each country but gaining strength and legitimacy through international organizations such as EUBS, ICHM, DAN, COST etc...

Seated among the jury of the consensus, I felt tremendous satisfaction listening to the summary of the last 10 years in the hyperbaric medicine field. For me the most significant achievement occurred when hyperbaric medicine emerged from the hyperbaric field to become a full-fledged member of the medical community. The members of the hyperbaric community are publishing more in their specific sub-specialty journals, organizing special sessions and lecturing in their meetings and workshops about the use of HBO. There was consensus among the members that the best scientific and clinical work can be achieved by a multidisciplinary approach and collaborations.

As for the year ahead of us, Jordi Desola and his organizing and scientific committees are working intensively on the coming combined meeting of the EUBS /ICHM in September 2005 in Barcelona. Don't miss the 1 April 2005 deadline! Also, please do not forget to encourage your students to take part, and hopefully to be partly reimbursed.

In the coming days you will receive an envelope with the CV's of two candidates for member at large for 2005. Both are excellent applicants. Please take a few minutes to select your choice and send the ballot in the return envelope. This time we decided to save the return billing, therefore please do not forget to put a stamp and send it to our secretary, Ms. Tricia Wooding using the return envelope.

On March 24, 2005, the world will celebrate the 100th anniversary of Jules Verne in many international and national conferences and happenings. Jules Verne, the famous French writer and inventor, captured the imaginations of millions around the world and wrote about 100 books. His books were translated into 150 languages – only the Bible was translated into more!

Most of us grew up on his fascinating stories and joined the adventures of Captain Nemo and Nautilus in his classic book "**Twenty thousand leagues under the sea**". I even confess that for me (and probably for others), this book had a lot of impact on my future career decision. Yet only recently, I was surprised to discover another exciting book written by Jules Verne entitled "Dr. Ox's experiment" ("Une

Fantaisie du Doctor Ox"). It is an amazing story in which Dr. Ox (probably taken from "oxygen" ..) blew oxygen into public buildings and houses in the small town of Quiquendone in the heart of Flanders in a grand scale experiment. I guess he got the idea of using oxygen from the work of the French scientist of his age -Paul Bert. I won't reveal to you the result of his experiment in order not to spoil your pleasure. Suffice to say that I would not suggest that you quote this experiment as a reference for the effects of

elevated oxygen pressures. However, if you have a few hours, join Dr Ox in a novel of fantasy mixed with realism all about oxygen and allegory on human nature.

As for 2005, please accept my best wishes for lots of good science, excellent clinical work, fruitful collaboration and many multidisciplinary projects.

Noemi

EUBS FINANCIAL STATEMENT JANUARY 2004 TO DECEMBER 2004

Sterling Account

Bank Balance as at 1st January 2004 £ 5.805,46

Income

Membership Fees	£ 7.900,23	
Bank Interest	£ -	
Journal Advertising	£ 700,00	
Extra copies of journal purchased - Knessl Sept 04	<u>£ 631,12</u>	
	£ 9.231,35	£ 9.231,35

Expenditure

Secretarial Fees (Includes £300 owed to Angela - 2003)	£ 850,00	
Cardnet/Bank Charges	£ 429,99	
Petty Cash for Postage/ Stationery/Copying (Includes s.a.e. and postage for ballot)	£ 600,00	
Telephone/Fax/Sundries	£ 35,08	
Proceedings Costs (Not paid 2003)	£ 232,16	
Leaving present Angela Randall	£ 100,00	
Web Site Charges- 2002-2004	£ 522,87	
AGM 04 Presentation Gift	£ 52,45	
Travel Grant - M Chappell - Meeting 04	£ 563,45	
Travel/Hotel Expenses - Treasurer Meeting 04	£ 589,40	
Journal Expenses - Still outstanding from March 03	£ 830,14	
Journal Expenses - December 03 Issue	£ 1.226,72	
Journal Expenses - March 04 Issue	£ 1.384,03	
Journal Expenses - June 04 Issue	£ 1.205,21	
Journal Expenses - September 04 Issue (Includes 400 extra copies for Corsica)	<u>£ 2.259,94</u>	
	£ 10.881,44	-£ 10.881,44
Petty cash in hand		£ 28,87
Bank Balance as at 31st December 2004 Sterling Account		<u>£ 4.155,37</u>

Euro Account

Bank Balance as at 1st January 2004 € -

Income

Membership Fees	€ 1.202,05	
Bank Interest	<u>€ -</u>	
	€ 1.202,05	€ 1.202,05

Expenditure

Bank Charges	€ 16,40	
Travel Grant - M R De Bruijn - Meeting 04	<u>€ 630,50</u>	
	€ 646,90	-€ 646,90
Bank Balance as at 31st December 2004 Euro Account (Approximately = £ 380.24)		<u>€ 555,15</u>

Total Balance of both accounts as at 31st December 2004 £ 4.535,61

NOMINATIONS FOR EUBS EXECUTIVE COMMITTEE MEMBERS-AT-LARGE 2005

ANTÓNIO CÉSAR PINHEIRO GATA SIMÃO



António César Pinheiro Gata Simão, was born in October 24, 1953, son of José Augusto Simão and Maria Esteves Pinheiro Gata Simão.

Married with Maria Paula Pinheiro Pinto Simão, with three children, Pedro Miguel Pinto Gata Simão, Ana Margarida Pinto Gata Simão and Lúcia Maria Pinto Gata Simão.

High School course in Gil Vicente's National High School

in Lisbon ,1966 to 1971 with the final classification of 14 values, with several registrations in the List of Honor.

Admission to the College of Medicine of Lisbon in 1971.

Course of Medicine in the College of Medicine of Lisbon and College of Medical Sciences of the Universidade Nova de Lisboa 1971 to 1977 having concluded the graduation with the final classification of 15 values (Good).

Registered in the College of Medicine on June 14, 1978 with the professional licence 18663.

Admission to the Complemental Boarding of Internal Medicine in 30 October 1982. Approved with the classification of Enough.

Admission to Navy Medical Officer, published in D.R. on December 11, 1982, being approved with the final classification of 18 values (1st place).

Beginning of the Complemental Boarding of Internal Medicine of S. José's Hospital in October of 1983 having concluded the Complemental Boarding of Internal Medicine in October of 1988 with the final classification of Very Good.

Final exam of Complemental Boarding of Internal Medicine in January of 1989 being approved with 15 values and obtaining the degree of Hospitalar Assistant (2^o place).

Course of Aptitud of Diving Accidents of the Spanish Army in April of 1987 having concluded with the final classification of 19 values (1st place).

Medical Officer of Diving Unit-Portuguese Navy (1982-1988).

Medical Director of the Squadron of Submarines and School of Divers of April of 1988 to April of 1989.

Functions of Hospitalar Assistant of Internal Medicine since 1989 in the Navy Hospital.

Clinical functions as Hospitalar Assistant in Hyperbaric Medicine since the installation of the Hyperbaric Chamber in H.M. on June 8, 1989.

Member of the Jury of final practical exams of Anatomy I and Anatomy II in the University of Medical Sciences of the Universidade Nova de Lisboa 1982 to 1987.

Jury member of admission of Medical Navy Officer in 1997.

Member of the jury of the final exam of Internal Medicine in 1998 as representative of the College of Medicine, in S. João's Hospital in Oporto.

Advisory member of the College of Medicine since ten years.

Monitor from 1974 to 1978 and Assistant of the College of Medical Sciences of the Universidade Nova de Lisboa in the years of 1978 / 1980 and 1982 / 1987.

Medical expert in representation of the Portuguese Navy for the candidate's selection to Professional Diving near the Institute of Professional Formation.

Diplomated in Underwater and Hyperbaric Medicine in the College of Medicine of the University Lille - France - in 1997, having been classified in first place (exequo) 1997/1998.

Appointed Portuguese Member (Science and Technology Ministry) for the Management Committee "ACTION COST B 14" HYPERBARIC OXYGEN THERAPY (Cooperation in the field of Scientific and Technical Research) 1998-2004.

Member of the "Working Group Safety of Hyperbaric Oxygen Therapy" of COST ACTION B 14.

Member of the Organization of the third Hyperbaric and Diving Medicine meetings (Lisbon-1997, 1999, 2001).

Member of the Organization of "Hyperbaric Oxygen Therapy in the Treatment of Radio-Induced Lesions on Normal Tissues" Consensus Conference organized jointly by European Society for Therapeutic Radiology and Oncology and European Committee for Hyperbaric Medicine (Lisbon 2001).

Appointed as a Member of the Jury in the Meeting of the French Consensus on Treatment of Bubble related Illness in Air Mixed Gas Scuba Diving, organized by the French Society of Diving and Hyperbaric Medicine and for the French Society of Physiology and Hyperbaric Medicine in Marselha in September 2004 that didn't take place.

Member of Scientific Committee of 30th Annual Scientific Meeting of the European Underwater and Baromedical Society on Diving and Hyperbaric Medicine in Ajaccio, France in September 2004.

Twentyfive scientific Communications about Internal Medicine and Hyperbaric Medicine.

Eight Scientific Publications in Internal Medicine and Hyperbaric Medicine.

Several participations in Congress, Meetings and post-graduated courses.

Member of the Portuguese Society of Internal Medicine since 1996.

Member of the Undersea and Hyperbaric Medical Society (USA) since 1991.

Medical expert Member of the scientific and organizing Committee of the three courses of Hyperbaric an Diving Medicine in Portugal in H.M. with the scientific support of the Institute of Medical Education of the College of Medical Sciences of U.N.L. (1999, 2001/2002).

Advisory of Pharmaceutical Industry since 1995.

Member of European Underwater and Baromedical Society since September 2000.

Assistant of the College of Medicine of Lisbon in the matter of Introduction to the Clinic since the year of 1999.

Lieutenant Colonel Medical Navy Officer.

Vowel of the Committee of Naval Health from March of 2003.

Director of the Service of Internal Medicine of the Navy Hospital in Lisbon since September of 2003.

Director of Hyperbaric Medical Center of the Navy Hospital in Lisbon since September of 2003.

Auditor of the Naval Complemental Course of War 2003/2004, in the Superior Institute Naval of War, in the areas of Strategy, Operations and Administration, having obtained the final classification of 14.14 values.

Member of the Commission of Drugstore and Therapeutics of the Navy Hospital.

Member of the Commission of Ethics of the Navy Hospital.

Member of the Commission of Drugstore and Therapeutics of the Portuguese Army.

Director of the Organization of the 4th Hyperbaric and Diving Medicine meeting, Lisbon in October 2005.

NOMINATIONS FOR EUBS EXECUTIVE COMMITTEE MEMBERS-AT-LARGE 2005

Dr. med. ARMIN KEMMER



Personal Details

Date of birth: 14.01.1951
Nationality: German
Address: D 82382 Habach
Auf der Leiten 3
Germany

Graduation

- University Heidelberg, 1976 M.D
- 1977 doctoral degree (PhD)

Specialisation

- Board Certified Anaesthesiology & Emergency Medicine
- Board Certified Critical Care
- Consultant in Diving & Hyperbaric Medicine

Memberships

- German Society of Anaesthesiology and Intensive Care Medicine
- European Society of Intensive Care Medicine
- German Diving- and Hyperbaric Medicine Society GTUEM
- European Undersea and Baromedical Society EUBS
- Underwater and Hyperbaric Medical Society UHMS
- South Pacific Underwater Medicine Society SPUMS

Professional Activities

- 1978 - 1981 Dept. Anaesthesiology & Intensive Care University Heidelberg
- 1984 - 1987 Dept. Anaesthesiology & Intensive Care BGU Ludwigshafen
- 1987 - 1993 Dept. Anaesthesiology & Intensive Care St. Elisabeth Hospital Bad Kissingen
- 1993 - Dept. Anaesthesiology & Intensive Care UKM Trauma Center Murnau
- Consultant, ICU & Burn Center
- 1997 - Medical Director Hyperbaric Center UKM Murnau
- 1999 - Member GTUEM Executive Committee
- 2002 - President of the German Diving- and Hyperbaric Medicine Society GTUEM
- 2003 - Member ECHM Executive Board
- 2004 - Member COST B14 WG Education & Training
- 2004 - Chairman COST B14 WG Intensive Care & HBO

Teaching

- 1999 - Director of Courses in Diving & Hyperbaric Medicine, GTUEM, EDTC/ECHM
- 2000 - Lecturer - International Courses in Diving & Hyperbaric Medicine
- 1993 - Lecturer - International Courses in Intensive Care

Publications

- Diving & Hyperbaric Medicine
- Intensive Care
- Regional Anaesthesia

Research Interests

- Intensive Care in HBOT, HBOT in Trauma Patients
- Artificial Respirator Therapy in ICU & Home Care

EUBS ANNUAL SCIENTIFIC MEETING 2005

**A Joint Meeting with the International Congress of Hyperbaric Medicine (ICHM)
Barcelona, 7-10 September 2005**

Organized by CRIS-UTH

Second Announcement and Call for Abstracts

The 31st Annual Meeting of the EUBS, in September 2005 will be held as a joint meeting with the International Congress on Hyperbaric Medicine (ICHM).

For details and information on abstracts submission please visit the website of the meeting:

<http://www.barcelona-2005.com>

INSTRUCTIONS TO AUTHORS

The **EJUHM** welcomes contributions (including letters to the Editor) on all aspects of diving and of hyperbaric medicine. Manuscripts must be offered exclusively to the **EJUHM**, unless clearly authenticated copyright exemption accompanies the manuscript. All manuscripts will be subject to peer review, with feedback to the authors. Accepted contributions will be subject to editing.

Manuscripts are accepted in English, and also in major European languages (French, Spanish, Italian and German) when accompanied by an English abstract.

Contributions should be sent to

Dr. Peter HJ Mueller, Editor EJUHM, C/o HBO-Zentrum Rhein-Neckar am Diakoniekrankenhaus Mannheim, Speyerer Strasse 91-93, D-68163 Mannheim/Germany. Fax: +49-621-8102 393. Phone: +49-621-8102 390. E-mail: eubs@hbo-mannheim.de

Requirements for Manuscripts

The **EJUHM** is composed on a PC using Word processing. Documents are acceptable on disc or by e-mail. Illustrations and tables should **NOT** be embedded in the Word document, only their position indicated. All tables are to be separate documents. Illustrations should be separate documents in Word or JPEG, clearly marked with the format used. References should be in the correct format, shown in the next column. Two printed copies of all text, tables and illustrations must accompany submissions.

The printed copies should be double-spaced, using both upper and lower case, on one side of the paper only, on A4 paper. Headings should conform to the format in the Journal. All pages should be numbered. No part of the text should be underlined. These requirements also apply to the abstract, references, and legends to figures. Measurements are to be in SI units (mm Hg are acceptable for blood pressure measurements) and normal ranges should be included. All tables should be double spaced on separate sheets of paper. No vertical or horizontal rules are to be used.

Photographs should be glossy black-and-white and slides should be converted to photographs before being sent. Colour reproduction is not available. Legends should be less than 40 words, and indicate magnification.

Abbreviations do not mean the same to all readers. To avoid confusion they should only be used after they have appeared in brackets after the complete expression, e.g. decompression illness (DCI) can thereafter be referred to as DCI.

The preferred length for original articles is 2,500 words or less. Inclusion of more than 5 authors requires justification. Original articles should include a title page, given the title of the paper and the first names and surnames of the authors, an abstract of no more than 200 words and except in unusual situations be subdivided into Introduction, Methods, Results, Discussion and References. After the references the authors should provide their initials and surnames, their qualifications, and the positions held when doing the work being reported. One author should be identified as Correspondent for the Editor and for readers of the Journal. The full current postal address of each author, with the Telephone, facsimile numbers and e-mail address of the corresponding author, should be supplied with the contribution. No more than 40 references per major article will be accepted. Accuracy of the references is the responsibility of authors. Acknowledgments should be brief.

Abstracts are also required for all case reports and reviews. Letters to the Editor should not exceed 400 words (including references which should be limited to 5 per letter).

References

Authors are responsible for verifying references against the original documents. References must be numbered consecutively in the order in which they first appear in the text, and identified in the text by arabic numerals in parentheses. References cited only in tables or legends should be numbered in accordance with a sequence corresponding to the first mention of the table or figure in the text. List names and initials of all authors when six or less, when seven or more, list only the first three authors and add et al.. Citations in the reference list are to be in the form used by the U. S. National Library of Medicine and *Index Medicus*:

1. Thorsen E, Risberg J, Segadal K, Hope A. Effects of venous gas microemboli on pulmonary gas transfer function. *Undersea Hyperbaric Med* 1995; 22:347-353.
2. Hempleman HV. History of decompression procedures. In: Bennett PB, Elliott EH, Eds. *The physiology and medicine of diving*. London: WB Saunders, 1993:324-375.
3. Kindwall EP, Goldmann RW. *Hyperbaric medicine procedures*. Milwaukee, WI: St. Luke's Medical Center, 1970.

Manuscripts that have been accepted should be cited in the reference list as regular references, with "in press" in place of journal pages. Citations such as "unpublished observations", "personal communication", "manuscript in preparation", or "to be published" are not to appear in the reference list, although reference to such a communication, if it exists in written form, may be cited in the text in parentheses. References to government reports should not be cited unless such reports are easily available to all readers.

Consent

The **EUBS** endorses the principles of the Declaration of Helsinki on the treatment of human subjects and approved guiding principles in the care and use of animals. Any report of experimental investigation on human subjects must contain evidence of informed consent by the subjects and of approval by the relevant institutional ethical committee.

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EJUHM ARTICLES SUBMISSION CALENDAR

Issue	Deadline
Spring: March	15 February
Summer: June	15 May
Autumn: September	15 August
Winter: December	15 November

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