

Richard A. Neubauer, M.D.
Ocean Hyperbaric Center
4001 Ocean Drive, Suite 105
Lauderdale-by-the-Sea, Florida 33308

July 25, 2001

Greetings!

Ocean Hyperbaric Center and the Research Committee for Space and Underwater Neurology (Hyperbaric Oxygenation Section) of the World Federation of Neurology is pleased that you are attending the four-day conference on the use of hyperbaric oxygenation treatment (HBOT) for cerebral palsy and brain-injured children. This is the second international symposium on the use of hyperbaric oxygen therapy for this group of children with special needs.

The primary purpose of the conference is to bring together internationally renowned pediatric neurologists, scientists, and researchers from eleven different countries to share current clinical studies and encouraging findings that may help in the care and treatment of children with cerebral palsy and an assortment of brain insults. Physicians, especially pediatricians and neurologists as well as caregivers and support therapists for these children are invited to attend the meeting and take part in the round-table discussions following the formal presentations.

HBOT is a safe, non-invasive, cost effective therapy that frequently improves the fine and gross motor functions, cognitive skills, and speech of CP and brain injured children. 100% pure oxygen is delivered in hyperbaric chambers under the care of an experienced hyperbaric physician and trained hyperbaric technicians.

The secondary purpose of the conference is to educate the medical profession on the value of HBOT for CP and brain injured children. The use of HBOT is not a new medical treatment. It has been used for more than forty years for divers with the bends and other diving related illnesses. In some countries hyperbaric chambers are carried in rescue ambulances. In Russia, children with oxygen deficiencies are taken from the delivery room to the hyperbaric chamber to prevent cerebral palsy from occurring or to modify the consequences.

Noted speakers from around the world will participate at this conference including presenters from Bulgaria, Canada, China, Cuba, Italy, Mexico, Russia, South America, United Kingdom, and the United States. *These speakers have all come without honorarium or financial help from drug companies.* They are all dedicated to the appropriate use and evaluation of hyperbaric oxygenation for the treatment of cerebral palsy and the brain injured child.

I hope that this meeting gives you insight into the application of hyperbaric oxygenation. Actually, this approach is a modification of God's gift to man; **oxygen** - the only reason that we survive on this planet.


Richard A. Neubauer, M.D.

Presented by ...

OCEAN HYPERBARIC CENTER

Richard A. Neubauer, M.D., Medical Director

Final Program:

**2nd International Symposium on
Hyperbaric Oxygen in Cerebral Palsy
& the Brain Injured Child**



**“THE FUTURE OF THE WORLD
IS IN THE HANDS
OF THE LITTLE ONES”**

Sponsored by:

Research Committee on Space and Underwater Medicine
Hyperbaric Oxygen Division
World Federation of Neurology

**2nd International Symposium on Hyperbaric Oxygenation
for Cerebral Palsy and the Brain Injured Child
Presented by Ocean Hyperbaric Center
Sponsored by the Research Group on Space and Underwater Neurology
(Hyperbaric Oxygenation Division)
of The World Federation of Neurology
July 25-28, 2001
Boca Raton, Florida**

FINAL PROGRAM

Tuesday, July 24th:

7:00 PM – 9:00 PM

INITIAL REGISTRATION

Wednesday, July 25th:

9:00 AM – 11:00 AM

LATE REGISTRATION

10:50 AM

Purpose of Conference

- R. A. Neubauer, M.D., Program Coordinator

Invocation

- Fr. Joseph C. Spina, OSF
(a non-denominational prayer for the children of the world, especially the disabled)
(St. Francis Friary, Ft. Lauderdale, Florida)

11:00 AM – 11:10 AM

WELCOME AND OPENING REMARKS

- P. B. James, M.D., Ph.D. (United Kingdom)
Consultant and Co-Founder of The Hyperbaric Trust of the UK

11:10 AM – 12:00 PM

What is Cerebral Palsy and its many causes?

- D. Lacey, M.D. (USA)

12:00 PM – 12:10 PM

Question and Answer period

12:10 PM – 1:00 PM

A Common Denominator in Cerebral Palsy and the Brain Injured Child – Oxygen Deficiency

- P. B. James, M.D., (United Kingdom)

1:00 PM – 1:10 PM

Question and Answer period

1:10 PM – 2:30 PM

Lunch (on own)
Visit Exhibits

2:30 PM – 3:30 PM

Timely Diagnosis: SPECT Scans / MR Spectroscopy / Ultrasound / Transcranial Doppler

- W. Maxfield, M.D. (USA)
- The Utility of Brain SPECT Imaging Associated with Hyperbaric Oxygen therapy in Childhood and Adult Neurological Disorders. M. Uszler, M.D. (USA)

3:30 PM – 4:10 PM

Tragic Mistake of Retinopathy of the Premature

- P. B. James, M.D. (United Kingdom)

4:10 PM – 4:20 PM

Question and Answer period (Physicians only)

4:20 PM – 5:00 PM

**What is Hyperbaric Oxygenation? How is it Administered?
What are its effects in cerebral palsy and brain injury?**

- R. Neubauer, M.D. (USA)

5:00 PM – 5:30 PM

General Question and Answer period (Physicians & Audience)

Friday, July 27th:

8:30 AM – 9:00 AM

Neurotoxicity: Type of Chamber for Treatment

- G. Heuser, M.D. (USA)

9:00 AM – 9:30 AM

Hyperbaric Oxygen Therapy (HBOT) Adjunctive Role In the Treatment of Autism

- J. Cassidy, M.D. (USA)

9:30 AM – 10:00 AM

Vaccination: Relationship to Cerebral Palsy and Autism

- A. Campbell, M.D. (USA)

10:00 AM – 10:30 AM

Question and Answer
Break

10:30 AM – 11:30 AM

Possible Synergistic Combinations

Vasodilator

- W. Hammesfahr, M.D. (USA)

High Gaus Magnetic Field Treatment for Cerebral Palsy and the Brain Injured Child

- Dean Bonlie, D.D.S.

11:30 AM – 11:45 AM

Question and Answer

12:00 PM – 2:00 PM

Lunch on own

2:00 PM – 5:30 PM

Panel Round Table on Ancillary Intervention

Co-Chairmen – J. Cole, M.D. / D. Lacey, M.D.

(all attendees including physicians)

1. Anti-Spasmodic Approach

a. injectable / Botox

b. oral – pump / Baclofen

3:30PM – 4:00PM

Coffee Break

2. Anti-Seizure Methods

a. medications

b. vagal nerve pacemaker

3. GastroIntestinal Problems – Fundoplication and/or GI RX

6:30 PM – 8:00 PM

Banquet (additional charge of \$50.00 per person)

Introduction:

- F. Lee Bailey, Esquire
(World renown attorney)

Banquet Speaker

- W. Rader, M.D. (USA)

“Current and future therapy concepts of human embryonal stem cells” – (case presentations)

8:00PM – 9:00PM

Discussion with Dr. Rader

Saturday, July 28th:

8:00 AM – 10:00 AM

What is necessary to have this procedure scientifically validated, medically acceptable and insurance reimbursable?

- A. M. Packard, M.D., (USA)

Case Reports – Long Term Follow-Up and Video

- R. A. Neubauer, M.D. (USA)

Changes in Cerebral Metabolism as Measured by SPECT after Hyperbaric Oxygenation Therapy; Statistical Evaluation

- C. Golden, Ph.D. (USA)

The Society of Freestanding Centers

- W. Maxfield, M.D., (USA)

Opening of New Centers with a Word of Caution

- J. Feingold, M.D. (USA)

The FCA, HCFA, Insurance Providers, and Hyperbaric Legislation: What Does It All Mean?

- K. Locklear (USA)

The role of MUMS

- J. Gordon (USA)

10:00 AM – 10:15 AM

Question and Answer
Break

10:15 AM – 12:30 PM

The role of physical therapy for cerebral palsy in neurorehabilitation and neurodevelopment

- Co-Chairman – J. Cole, M.D. (USA)
- Co-Chairman – J. Dana, M.D. (USA)

Complimentary Neurorehabilitation

- Dr. Leah Nof
- R. Cralic

12:30 PM – 1:00 PM

Question and Answer
**** End Meeting ****

1:30 PM – 4:30 PM

Afternoon Workshop: Voluntary
(for The Parents, Caregiver, Therapist, and any interested attendee)
Medical Directors: Drs. J. Dana and J. Cole
Co-Chairmen: J. Feingold, M.D. (USA) and E. Nemeth

Parents Discussion of various therapies including the Adelphi Suit

We wish to thank the following sponsors and exhibitors

Bella Health

Children's Neurobiological Solutions

College of Oceaneering

Hyperbaric Oxygen Clinic of Santa Monica

Hyperbaric Supply

International Congress on Hyperbaric Medicine (Frederick Cramer, M.D.)

Kinetech, Inc.

William Maxfield, M.D.

Nycomed Amersham, Inc.

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Perry Baromedical

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We are deeply indebted to Spectrum Events for their untiring efforts and help in developing this entire program. Without the efforts of Ed Nemeth, C.E.O., (a devoted father of the littlest angel) and his entire staff this extensive and comprehensive congress would not have been possible.

We wish to express our gratitude to Dr. Franz Gerstenbrand, Chairman, Research Committee, Space and Underwater Neurology (Hyperbaric Oxygen Division) of the World Federation of Neurology for his encouragement, support, and sponsorship of this congress.

***** KNOW YOUR SPEAKERS *****

***2nd International Symposium on Hyperbaric Oxygenation
for Cerebral Palsy and the Brain-Injured Child***

***July 25th – 28th, 2001
Boca Raton, Florida***

Brief comments, background, and contact information about our distinguished speakers who have all come here for one purpose; to see what can be done for cerebral palsy and the brain injured child.

Dean R. Bonlie, D.D.S.

5421 – 11th St. NE, #109

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Canada

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Email: info@magneticosleep.com

Presentation: Friday, July 27th – 10:30am – 11:30am

Dr. Bonlie was graduated from Loma Linda University in 1962. He is a member of the Omicron Kid Upsilon, Dental Honor Society. Dr. Bonlie did much basic research at Loma Linda on grants supported by the National Institute of Health. He became interested in the effects of biomagnetism in the early 1990's. His in depth research resulted in the invention of the only magnetic sleep pad to provide a restored amount of depleted environmental geomagnetic field back to the body. This is now a patented, licensed medical device in Canada. Dr. Bonlie, observing the benefits received from low-gauss magnetic sleep pads, began experimenting with higher counts of magnetic fields. For the past five years he has devoted his talent to developing a device called the Magnetic Molecular Energy (MME), which is a large clinical treatment magnet weighing 10,000 lbs. It is showing potential to enhance healing and cell regeneration in many conditions considered untreatable by conventional methods. Dr. Bonlie's scientific theory on the action of magnetism on living tissue has made him a widely accepted authority in this field. He is currently the newly elected President of the North American Academy of Magnetic Therapy and is listed as a resource in the book, "Alternative Medicine; the Definitive Guide".

Andrew W. Campbell, M.D.

Medical Director

Center for Immune, Environmental and Toxic Disorders

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Spring, Texas 77079 USA

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Email: ealy@immunotoxicology.com

Presentation: Friday, July 27th – 9:30am – 10:00am

Dr. Campbell is the Medical Director for the Center for Immune, Environmental and Toxic Disorders in Spring, Texas. He is a member of numerous medical organizations which includes the American Academy of Clinical Toxicology, American Board of Forensic Examiners, and International Society of Neuroimmunology. He has been recognized as a National Consultant and Medical Expert on Toxic Chemical Exposure, Occupational Medicine, and Medical Implantable Devices. Dr. Campbell is currently on the faculty of the University of Texas Health Science Center in Houston. He is very well-known for his work on silicone breast implants and the secondary complications, but also equally well-known for his observations and forward stand on the relationship between vaccination, autism and cerebral palsy. This is a very important topic and close to the hearts of many of the parents.

E. Cuauhtémoc Sánchez, M.D.

Medical Director

Servicio de Medicina Hiperbárica

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Presentation: Thursday, July 26th – 11:00am – 11:45am

Thursday, July 26th – 4:00pm – 4:30pm

Dr. Sanchez is the most outstanding hyperbaric physician in all of Mexico. He is President of the DAN America Mexico. He spent a number of years training and operating the chambers at the University of Maryland where much work was done on carbon monoxide intoxication, wound care, and actually participated in the early work on HIV virus. Dr. Sanchez has published many articles, has been a lecturer around the world and presently he is Chief of Servicio de Medicina Hyperbarica in Mexico. Dr. Sanchez' work with neonates is outstanding

J. Michael Uszler, M.D.

Assistant Clinical Professor UCLA

2428 Santa Monica Blvd., #302

Santa Monica, California 90404 USA

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Fax: (310) 393-9642

Email: juszler@mednet.ucla.edu

Presentation: Wednesday, July 25th – 2:30pm – 3:30pm

Dr. Uszler, is one of the best known physicians in functional brain imaging. He is on the teaching staff as Assistant Clinical Professor of Molecular and Medical Pharmacology, UCLA, and Medical Director, Nuclear Medicine Department, UCLA Medical Center, Santa Monica, California. Dr. Uszler has had extensive experience with SPECT imaging and hyperbaric oxygenation and has helped move the field of hyperbaric medicine forward substantially by participating in symposia and was a principal speaker at the International Stroke Conference which initiated the pilot study for the use of hyperbaric oxygenation in stroke within a four-hour time window. Dr. Uszler, as a consultant, reads scans for other physicians throughout the country and is helping to advance the field of nuclear imaging as a method of evaluation for any type of therapeutic intervention, especially hyperbaric oxygenation.

Michel Vanasse, M.D.

Neurologist, Sainte-Justine University Hospital

Centre de Readaptation Marie Enfant

de l'Hospital Sainte-Justine

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Montreal, Quebec H1T, 1C9

Canada

Tele: (514) 374-1710

Presentation: Thursday, July 26th – 8:00am – 9:00am

Dr. Vanasse received his Medical Degree at the University of Montreal in 1961. In 1974, he became a Special Neurologist, C.S.T.Q., Corporation des medecins du Quebec, and F.R.C.P., Neurology, College Royal des medecins in Canada. Since 1977, he has been involved with pediatric neurology and has served as Clinical Professor of the Department of Pediatric, University of Montreal and became Department Head in 1990. Dr. Vanasse has treated hundreds of patients, written many articles and has done extensive work in electrophysiology. He has had extensive experience in seizure disorder, kinetic maladies, and was a major participant in both Canadian studies of hyperbaric oxygenation for the cerebral palsy and brain injured children. Dr. Vanasse has multiple papers and is highly recognized as a Pediatric Neurologist throughout all the Provinces of Canada. He was intimately involved with the Canadian study published in the Lancet and is a great advocate of hyperbaric oxygenation.

John Cassidy, M.D.

Hyperbaric Oxygen Clinic of Santa Monica #102

Santa Monica, California 90401 USA

Tele: (310) 260-0033

Fax: (310) 899-0911

Email: hbot@gte.net

Presentation: Friday, July 27th – 9:00am – 9:30am

Dr. Cassidy is a cardiologist from Santa Monica who now specializes in hyperbaric oxygenation. He is associated with the Hyperbaric Oxygen Clinic of Santa Monica which has made significant contributions towards the treatment of brain injury and autism with hyperbaric oxygenation.

Ivan Dimitrov Chavdarov, Ph.D., M.D.

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Bulgaria

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Presentation: Thursday, July 26th – 1:30pm – 2:00pm

Dr. Chavdarov was graduated from the Medical Academy, Sofia as M.D. in 1980 and in 1986, he obtained a Ph.D. degree. He has specialized in neuro-developmental treatment of infants with cerebral palsy. He studied in Germany, Austria, Czechoslovakia, and Bankya. Dr. Chavdarov is currently the Director of Specialized Hospital for Residential Treatment for Rehabilitation of Children with Cerebral Palsy. He is also the Founder and Secretary of the Bulgarian Association for Children with Cerebral Palsy in Santa Sofia, Bulagaria, and from 1999 until present, is Substitute President of the National Association of Physical Medicine, Kurortology and Rehabilitation. Dr. Chavdarov has had extensive academic and clinical experience with thousands of children, being very familiar with all types of physical therapy, occupational therapy, speech therapy, kinesitherapy, and is a highly respected pediatric physiatrist. He will present an excellent study of the use of hyperbaric oxygenation studying spastic form, hypotonic form, ataxic form, with pressures from 1.5 to 1.75 ATA, for 20 – 30 minute therapy sessions for twenty days. He will make a major contribution to the entire program.

Jeffrey L. Cole, M.D

Associate Professor of Rehabilitation Medicine

Weill Cornell Medical College

56 – 45 Main Street

Flushing, New York 11355 USA

(718) 670-1290

(718) 670-1083

Presentation: Saturday, July 28th – 10:15am – 12:30am

Dr. Cole has had remarkable experience as an engineer having worked for Grumman Aircraft as a systems engineer on the Apollo Lunar Modular project. Certainly, with such an engineering background, physical therapy and rehabilitation would be a natural choice. Dr. Cole is well versed in electro physiological diagnosis and is deeply involved in the training of medical residents and physiatrists. With a background in space engineering, and now in the Department of Physical Medicine and Rehabilitation at The New York Hospital Medical Center of Queens, he is certainly an asset to our program. Dr. Cole serves as Clinical Professor of the Department

Frans Cronje, M.D.

Exec. Med. Director

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South Africa

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CD Video Presentation: Thursday, July 26th – 7:00pm – 9:00pm

Dr. Frans Cronje, although not in attendance, has submitted a CD Video presentation results in the South African study. He received an MBChB degree at Pretoria University, 1991 – cum laude. He then studied at the institute of aviation medicine until 1994. He attended courses in hyperbaric oxygenation in all of the teaching centers in the United States. Dr. Cronje developed the South African clinical hyperbaric medicine training course in 1997 aimed at training for nurses, emergency technologists, and chamber technicians in clinical hyperbaric oxygenation. He has presented courses of the auspices of the South African Underseas and Hyperbaric Medical Society (SAUHMA). Dr. Cronje is Chief of Hyperbaric Medicine at the Institute of Aviation Medicine where he is responsible for mercy flights, management of diving accidents, and screening of pilots with pulmonary problems. He received an honorary BSc in Aerospace Medicine in 1997 – cum laude. He is a member of the Faculty of the first International Diploma in Baromedicine offered through the University of Belgrade. He is also serving on the faculty of a Post-Graduate Degree in Baromedicine through the European College of Hyperbaric Medicine offered by the University of Malta. In November, 1998, he became the Medical Director of the first private hyperbaric oxygen therapy practice in Southern Africa at Eugene Marais Hospital in Pretoria, which is a 360 bed hospital- predominantly orthopedic and neurosurgical work in the level of a trauma unit. He is participating in a multicenter study on hyperbaric oxygenation in acute stroke under the auspices of Professor James Toole and Dr. Paul Harch. Dr. Cronje has treated over one hundred patients with acute and chronic neurologic disorders over the past three years in association with the Eugene Marais Stroke Unit, Dr. Wiebren Duim and the attending neurosurgeon, Dr. Louis Nel, Jr. Dr. Cronje is the Executive Director of the Divers Alert Network (DAN) of Southern Africa and he has recently been re-elected President of the South African peer review group for diving and hyperbaric medicine – affiliated to the UHMS.

James Dana, M.D.

Clinical Instructor of Rehabilitation Medicine

Department of Surgery, Dana Rehabilitation

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East Setauket, New York 11733 USA

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Presentation: Saturday, July 28th – 10:15am – 12:30am

Dr. Dana, a well-known physiatrist, specializes in physical medicine and rehabilitation, serves as Assistant Clinical Professor at The New York Hospital Medical Center Hospital of Queens. He has had considerable experience with various types of physical therapy, occupational therapy, biofeedback, and neurofeedback. Dr. Dana has had extensive speaking engagements and is well recognized in the field and has an advanced concept for the use of hyperbaric oxygenation in physiatry.

Josephine Feingold, M.D.

696 Haverstraw Rd.
Montebello, NY 10901
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Presentation: Saturday, July 28th – 8:00am – 10:00am

Workshop: Saturday, July 28th – 1:30pm – 4:30pm

Dr. Feingold is a pediatrician experienced both in pediatrics and emergency medicine. She is Associate Director of Pediatric Emergency Medicine, Our Lady of Mercy Medical Center, Assistant Director of Pediatrics, Nyack Hospital, Assistant Professor of Pediatrics and emergency Medicine, New York Medical College. Dr. Feingold is the co-founder of the Hudson Valley Hyperbarics, LLP. Dr. Feingold operates a very successful hyperbaric center treating primarily cerebral palsy and the brain injured child. Dr. Feingold is the mother of a cerebral palsy child and has had vast experience in researching the field. Dr. Feingold will speak on the many types of therapy from hippotherapy and patterning, to the Adelphi Suit. She will co-chair a meeting with Edward Nemeth, Spectrum Events, also a parent of a cerebral palsy child, of the many approaches that families may take in doing the best type of therapies for their children.

Charles Golden, Ph.D.

Professor of Psychology
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Presentation: Saturday, July 28th – 8:00am – 10:00am

Dr. Golden is Professor of Physiology at Nova Southeastern University Medical School. He received his Ph.D. from the University of Honolulu in 1975. He is Board Certified by the American Board of Professional Psychology – Clinical, Neuropsychology, and the American Board of Psychological Assessment. Dr. Golden has received multiple awards for his work and has had significant experience as a Director of Neurorehabilitation Services and Neuropsychology Clinic. He holds several editorial positions, has written twenty-two books, has written computer programs and has done multiple chapters in other textbooks. Dr. Golden has also published 199 articles in peer reviewed journals. He has worked closely with the Ocean Hyperbaric Center during neuropsychologic evaluations on patients and doing a statistical analysis of the results of hyperbaric oxygenation therapy as related to the functional brain imaging.

Lea Nof, Ph.D., P.T.

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Presentation: Saturday, July 28th - 10:15am - 12:30pm

Dr. Nof is a graduate of Physical Medicine from the Wingate Institute in Israel and received her Ph.D. in Program Development and International Education at Florida State University in 1994. Her extensive experience includes clinical and administrative positions in diverse settings including rehabilitation, acute care, outpatient, and education. She is currently a Professor and Director of the Physical Therapy Program at Nova Southeastern University in Fort Lauderdale, Florida. Her specialty training and clinical experience is in neurorehabilitation and manual therapy which gives her a unique teaching and clinical perspective in movement re-education and motor control. She has lectured all over the country for continuing medical education courses. The value of various types of physical therapy, and occupational therapy in cerebral palsy and the brain injured child cannot be overstressed.

A. Maurine Packard, M.D.

Assistant Professor Departments of
Pediatrics and Neurology and Neuroscience
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Email: mpackard@med.cornell.edu
Presentation: Thursday, July 26th - 10:30am - 11:00am

Dr. Packard is a pediatric neurologist who serves as Assistant Professor, Department of Pediatrics, Neurology and Neuroscience at the New York Presbyterian Hospital/Weill Medical College of Cornell University in New York. She has extensive evidence based data on the use of hyperbaric oxygenation in cerebral palsy and the brain-injured child. She was also the Principal Investigator in the Cornell study and collaborated in the design of the study, screened potential subjects, conducted a baseline and final neurological examination, monitored all hyperbaric oxygen treatments, oversaw the collection of data, and assisted in data analysis. Dr. Packard was elected Alpha Omega Alpha, Medical Honor Society during medical school. Her evidence based data is impressive and extremely important on the documentation of the effects of hyperbaric oxygenation.

William C. Rader, M.D.

MEDRA
3952 Ridgmont Dr.
Malibu, California 90265 USA
Tele: (310) 456-3379
Fax: (310)-589-0700
Banquet Speaker: Friday, July 27th - 6:30pm - 8:00pm

Dr. Rader is internationally known for his work in the use of human embryonal stem cells. He is currently Chairman of the Board of MEDRA and is Chief Consultant on a multi-international program for the Advancement of Alternative Medicine. He is a pioneer in this rapidly growing field and has had more experience with human embryonal stem cells than any other investigator. He was previously a national television medical commentator and has excellence presence.

E. Cuauhtémoc Sánchez, M.D.

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J. Michael Uszler, M.D.

Assistant Clinical Professor UCLA

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Presentation: Wednesday, July 25th - 2:30pm - 3:30pm

Dr. Uszler, is one of the best known physicians in functional brain imaging. He is on the teaching staff as Assistant Clinical Professor of Molecular and Medical Pharmacology, UCLA, and Medical Director, Nuclear Medicine Department, UCLA Medical Center, Santa Monica, California. Dr. Uszler has had extensive experience with SPECT imaging and hyperbaric oxygenation and has helped move the field of hyperbaric medicine forward substantially by participating in symposia and was a principal speaker at the International Stroke Conference which initiated the pilot study for the use of hyperbaric oxygenation in stroke within a four-hour time window. Dr. Uszler, as a consultant, reads scans for other physicians throughout the country and is helping to advance the field of nuclear imaging as a method of evaluation for any type of therapeutic intervention, especially hyperbaric oxygenation.

Michel Vanasse, M.D.

Neurologist, Sainte-Justine University Hospital

Centre de Readaptation Marie Enfant

de l'Hospital Sainte-Justine

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Tele: (514) 374-1710

Presentation: Thursday, July 26th - 8:00am - 9:00am

Dr. Vanasse received his Medical Degree at the University of Montreal in 1961. In 1974, he became a Special Neurologist, C.S.T.Q., Corporation des medecins du Quebec, and F.R.C.P., Neurology, College Royal des medecins in Canada. Since 1977, he has been involved with pediatric neurology and has served as Clinical Professor of the Department of Pediatric, University of Montreal and became Department Head in 1990. Dr. Vanasse has treated hundreds of patients, written many articles and has done extensive work in electrophysiology. He has had extensive experience in seizure disorder, kinetic maladies, and was a major participant in both Canadian studies of hyperbaric oxygenation for the cerebral palsy and brain injured children. Dr. Vanasse has multiple papers and is highly recognized as a Pediatric Neurologist throughout all the Provinces of Canada. He was intimately involved with the Canadian study published in the Lancet and is a great advocate of hyperbaric oxygenation.

Dr. Pier Giorgio Data

School of Medicine
University of Chieti
66100 - Chieti,
Italy

011 871-3554052

Email: pgdata@unich.it

Presentation: Thursday, July 26th - 11:00am - 11:45am

Dr. Data is a Full Professor of Human Physiology, and the only Full Professor of Underwater and Hyperbaric Medicine in Italy teaching at Chieti State University, Italy. He has taught multiple courses in post-graduate hyperbaric medicine around the world and has had multiple sojourns in foreign laboratories since 1977. Dr. Data is interested in providing a system for artificial survival of fetuses, humid hyperbaric systems for rehabilitation, and is planning a hyperbaric sublimation system of organic and inorganic substance without air pollution - which has recently been patented. Dr. Data has also devised an underwater physiological computer and underwater radiology and radiosopic apparatus. He has organized many sessions and has provided twenty-two didactic teaching video tapes as well as advising the set-up of multiple laboratories dealing with hyperbaric and underwater medicine problems. He has also done extensive work not only in underwater research, but also in hypoxia at high altitude. Dr. Data has published over 340 papers on scientific reviews and added collateral editorial activities into many books. Dr. Data is indeed an authority on hyperbaric medicine as well as underwater medicine and has a deep interest in detection of problems and treatment of the fetus.

Franz Gerstenbrand, M.D. (presence prevented by sudden temporary illness)

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Opening Remarks: Wednesday, July 25th - 11:00am

Dr. Gerstenbrand is known as "Mr. Neurology of all Europe". He is one of the most distinguished neurologists in the world and is the founder of the European Federation of Neurologic Science, the Danube Neurologic Institute, Editor of the neurologic journals, has published books, multiple articles and has held more titles than these pages would hold. We are very proud and pleased to have this renowned doctor in our presence. He has worked closely with the Russian Society of Neurologists and has been one of their main advisors on their very successful space programs. He has written over seven-hundred scientific papers and has done a distinguished monograph on traumatic apolic syndrome, as well as editor of twelve books.

Wm. M. Hammesfahr, M.D.

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Presentation: Friday, July 27th - 10:30am - 11:30am

Dr. Hammesfahr has been a neurologist in private practice since 1989. He specializes in the use of vasodilators in brain dysfunction especially stroke and traumatic brain injury and coma. He was awarded the Outstanding Young American award in 1998 for discoveries in stroke and brain injury treatment and was nominated for the Nobel Prize in 1999 for his advancements in the treatment of stroke, brain injury improvement with the use of vasodilators. Encouraging clinical results make this a very important concept in conjunction with hyperbaric oxygenation especially in cerebral palsy and the brain-injured child. He will speak on his experience in the pediatric age group.

Paul G. Harch, M.D.,
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Presentation: Thursday, July 26th – 9:10am – 10:10am

Dr. Harch graduated the University of California, Irvine with a B.S. degree in Biology, Magna cum laude, Phi Beta Kappa, and Johns Hopkins University School of Medicine with an M.D. degree. He has been intimately involved with hyperbaric oxygenation since 1986 and although he had surgical training, he eventually specialized as an emergency room physician. Dr. Harch currently operates multiple hyperbaric facilities in the metro New Orleans area and vicinity as an independent contractor with Dr. Keith Van Meter. Dr. Harch is Board Certified in emergency medicine and hyperbaric medicine. He is currently the National Coordinator of the Hyperbaric Oxygen Therapy in Acute Stroke Pilot Trial – by invitation of James Toole, M.D., President of World Federation of Neurology. Dr. Harch has testified as expert witness in emergency diving medicine and hyperbaric oxygenation with special reference to neurotoxicity. He also appeared as an expert witness in Georgia Medicaid Appeal Hearing, for the Approval of reimbursement for Hyperbaric Oxygen Treatment of Cerebral Palsy, July of 2000. Paul has multiple publications and co-authored a chapter in the prestigious K.K. Jain book on Hyperbaric Medicine. He has spoken at meetings around the world, is an international authority, and most importantly, he was the first to use hyperbaric oxygenation for cerebral palsy and the brain injured child in the United States. He was also one of the first to begin to use SPECT scanning as a documentation reference.

James T. Joiner

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Luncheon Speaker: Thursday, July 26th – 12:00 – 1:30pm

Jim Joiner has had more than 40 years of diversified experience in the various aspects of the diving industry. He is recognized worldwide as one of the leaders in the development and implementation of diving schools, safety programs, and curriculum for law enforcement, commercial, and research divers. Jim has been involved in extensive SCUBA diving for the past 40 years and has participated in multiple types of dives worldwide. Jim is president of one of the world's largest publishers of books related to hyperbaric medicine and diving, having published more than 250 books on recreational, scientific, commercial and research diving from around the world. Jim has recently served as editor for the new, 700-page National Oceanic and Atmospheric Administration (NOAA) Diving Manual. He served as President and CEO, and is President Emeritus of the College of Oceaneering. Jim's education includes a Bachelor of Science degree in Zoology and Chemistry from the University of California, Los Angeles where he was recipient of UCLA's President's Award for Outstanding Service to the University. He did Graduate studies in Microbiology and Immunology at UCLA School of Medicine. Jim has been the Director of Personnel Training for Oceaneering International for eight years and is responsible for establishing and implementing international classification and qualifications of more than 2,000 commercial divers employed by Oceaneering International.

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Presentation: Thursday, July 26th – 3:30pm – 4:00pm

Dr. Xue Lianbi is Assistant Professor and Director of the Hyperbaric Oxygenation Department at the Affiliated Beijing Tiantan Hospital to the Capital Medicine Science University, Beijing, China. He is well educated in traditional Chinese medicine as well as having attained a Bachelor of Medical Degree in 1997. Since 1984 to 1999, he worked in the Hyperbaric Oxygenation Department of Beijing Red Cross Chaoyang Hospital, the first Institute of Hyperbaric Oxygenation Medicine established in Beijing. Dr. Xue Lianbi is now Director of clinical treatment and research of hyperbaric oxygenation medicine in neurology in Affiliated Beijing Tiantan Hospital to the Capital Medicine Science University, the Institute of Neurology, Chinese Academy of Medical Science. The Program Chairman of this meeting has visited China on several occasions and was amazed at the wonderful services that hyperbaric oxygenation provided in Beijing. In one of the hospitals, they had a chamber that would hold thirty-six patients, obviously with compressed air utilizing hoods for oxygen delivery. The interesting thing was that cardiovascular surgery took place in said chamber and in view of the advanced techniques, the Chinese did not require use of the heart/lung pump. They treat all emergencies; brain injuries, severed limb immediately with hyperbaric oxygenation. They follow through with acupuncture and Chinese herbs. They must do the best for the masses with the least expenditure and certainly hyperbaric oxygenation. We do hope that Dr. Xue Lianbi will also have a chance to discuss the use of hyperbaric oxygenation in seizure disorder for which they have had excellent results. We too have had similar results in being able to reduce or get the little ones off anti-seizure medication.

Mikhail Alexandrovich Lobov, M.D.
Chairman, Department of Neurology
Faculty of Advanced Medical Training
Moscow Regional Clinical and Research Institute
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Submitted two papers for publication – not attending

Dr. Lobov received a medical degree in 1977 from the Second Moscow Medical Institute and graduated with first-class honors. He received his Ph.D. degree in 1995 on "Hyperbaric oxygenation in neurologic diseases (diagnostic, therapeutic and sanitary and genetic aspects)." In 1997 he was awarded the academic status of Professor. Since that time, five physicians have done their Ph.D. thesis under his guidance. Dr. Lobov is the author of two hundred publications in medical scientific journals, three monographs, has five patents for inventions, and more than one hundred reports at congresses, symposiums, and conferences. He is currently Head of the Child Neurology Department of MONIKI, Chief Neurologist of the Moscow Region, Vice-President of the Moscow Regional Neurologic Association, President of the Moscow Regional Medical Association, Member of the Expert's Council for Hyperbaric Medicine in Russian Federation, Assistant Editor-in-Chief of the Journal of "Vestnik Prakticheskoy Nevrologii", member of the editorial board of the Journal of Nevrologicheskii Zhurnal, and member of the editorial council of the Journal of Hyperbaricheskaya Physiologiya i Meditsina. Although Dr. Lobov is unable to attend the meeting, he has been kind enough to submit two papers for publication in the congress. We appreciate very much such a talented and experienced hyperbaric neurologist joining us in the publication.