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2ND INTERNATIONAL CONFERENCE ON HYPERBARIC OXYGEN THERAPY AND THE BRAIN

Nov 19-21, 2015 | Hotel Ganim, Dead Sea, Israel

Preliminary Schedule and Scientific Program

Thursday Nov 19

- 09:00 Open registration
10:45 - 11:00 Welcome and Opening remarks
11:00 - 11:30 Invited opening lecture: Hyperbaric oxygen treatment for multiple sclerosis (MS) patients: The UK experience
Philip James, Dundee, Scotland
- » **11:30 - 13:30 Session I: Traumatic Brain Injury (TBI) and Stroke (CVA)**
11:30 - 12:00 Invited lecture: Hyperbaric oxygen for post stroke and TBI: Updated clinical review and perspective on patients' selection and optimal protocol | Shai Efrati, Tel-Aviv, Israel
12:00 - 12:30 Invited lecture: Protective effects of repetitive long-term hyperbaric oxygen treatment following experimental traumatic brain injury in rats | Ute Schaefer, Graz, Germany
12:30 - 12:45 Hyperbaric oxygen can induce angiogenesis in patients suffering from prolonged post concussion syndrome due to traumatic brain injury | Sigal Tal et al., Tel-Aviv, Israel
12:45 - 13:00 Functional / anatomic brain volume mismatch can serve as a predictive parameter for post stroke patient's candidacy for hyperbaric oxygen therapy | Haim Golan et al., Tel-Aviv, Israel
13:00 - 13:15 Efficacy of hyperbaric oxygen therapy in ischemic stroke early rehabilitation and evaluation of its health economics
XY Kuang and PT Xiao, Xiangya, China
13:15 - 13:30 General discussion
13:30 - 15:00 Lunch and Rooms distribution
- » **15:00 - 17:00 Session II: Post Traumatic Stress Disorder (PTSD)**
15:00 - 15:30 invited lecture: TBI vs. PTSD - Neuropsychological and Psychiatric aspects | Eliezer Witztum, Beer-Sheva, Israel
15:30 - 16:00 invited lecture: Healing PTSD due to childhood sexual abuse by HBOT and psychotherapy:
A prospective clinical trial | Rachel Lev-Wiesel, Haifa, Israel
16:00 - 16:30 Abstracts presentation
16:30 - 17:00 General discussion
17:00 - 17:30 Coffee break
- » **17:30 - 19:00 Session III: Cognitive Functions and Dementia**
17:30 - 18:00 Invited lecture: The role of cerebrovascular disease in dementia: Potential benefits by hyperbaric oxygen therapy
Michal Schnaider Beerli, NY, USA
18:00 - 18:15 Hyperbaric oxygen can induce neuroplasticity and improve cognitive function of patients suffering from anoxic brain damage | Amir Hadanny et al., Tel-Aviv, Israel
18:15 - 18:30 Hyperbaric oxygen therapy ameliorates the pathophysiology of Alzheimer's disease two mouse models
Ronit Shapira et al. Tel-Aviv, Israel
18:30 - 19:00 General discussion
19:30 Dinner at the hotel
21:00 Social event: 'SPA cocktail frenzy'

Friday Nov 20

- » **08:30 - 10:30 Session IV: Chronic Pain Syndromes**
08:30 - 09:00 Invited lecture: Fibromyalgia syndrome - Clinical perspective | Dan Buskila, Beer-Sheva, Israel
09:00 - 09:30 Invited lecture: Fibromyalgia syndrome - Pathophysiological perspective of central nervous system sensitization
Jacob N Ablin, Tel-Aviv, Israel
09:30 - 10:00 Invited lecture: Hyperbaric oxygen for pain syndromes induced by nervous system pathology | Shai Efrati, Tel-Aviv, Israel
10:00 - 10:30 Abstracts presentation and general discussion
10:30 - 11:00 Coffee Break
- » **11:00 - 13:00 Session V: Childhood Cerebral Palsy (CP)**
11:00 - 11:10 Opening remarks: Hyperbaric oxygen therapy for cerebral palsy in childhood: The why and when debate
Coordinator: Natan Cohen, Netania, Israel
11:10 - 11:30 Invited lecture: Cerebral palsy: Understanding it, preventing it | Haim Bassan, Tel-Aviv, Israel
11:30 - 11:50 Invited lecture: Hyperbaric oxygen therapy in cerebral palsy: Is it logical and effective? | Asher Ornoy, Jerusalem, Israel
11:50 - 12:10 Invited lecture: HBOT for children with cerebral palsy: Too many questions to be answered about current knowledge and on a developing, very vulnerable child and family | Dan Waisman, Haifa, Israel.
12:10 - 12:30 Invited lecture: Hyperbaric oxygen treatment of children suffering from cerebral palsy: The current experience
Philip James, Dundee, Scotland
12:30 - 12:50 Panel and open discussion
12:50 - 13:00 Closing remarks: Outlines for future investigation | Natan Cohen, Netania, Israel
13:00 - 14:00 Lunch Break
- » **14:00 - 16:00 Session VI: Diving and Pressure Physiology**
14:00 - 14:30 The Israeli Diving Authority: 40 years of data on decompression sickness | Adam Konstantinovsky, Jerusalem, Israel
14:30 - 15:30 Abstracts presentation
15:30 - 16:00 Special presentation: Diving at the Dead Sea! | Avi Bresler, Israel
19:00 Dinner at the hotel
20:30 Cultural event: World folklore music | Tal Kravitz

Saturday Nov 10

- 09:00 - 10:00 Society professional and business meeting
10:00 Concluding remarks
Free activities: Dead-sea beach, optional tours to Masada and David canyon - Ein-Gedi
16:00 Room check out

