

Poster Letter	Poster #	Abstract Title	Presenting Author	Degree
A	1	Carbon dioxide levels common in diving stimulate neutrophils to produce microparticles containing pro-inflammatory interleukin-1 β	Stephen R Thom	MD
A	2	Modeling HPNS: the Molecular Dynamics approach.	Alice Bliznyuk	STUDENT
A	3	Hyperbaric oxygen inhibits interleukin-1 β production and joint inflammation following provocative decompression.	Stephen R Thom	MD
A	4	Fast, Near Optimal Iso-Risk Ascent Profile Algorithm for Air and Enriched Air Dives	Laurens E. Howle	PHD
A	5	Evidence of inheritable determinants of decompression sickness in rats	Peter Buzzacott	PHD
A	6	Probabilistic Models for Predicting the Incidence and Onset Time of DCS after Scoring Marginal DCS Cases as Non-Events	Greg Murphy	STUDENT
A	7	Decompression Sickness Onset Time Bimodality is Not Related to Dive Type or Severity	Amy King	STUDENT
A	8	DECOMPRESSION SICKNESS MANIFESTATIONS IN THE UW SHEEP MODEL AFTER "DROP-OUT" DECOMPRESSION FROM A 24-HOUR HYPERBARIC EXPOSURE AT 33 and 45 FSW	Aleksey Sobakin	PHD
A	9	Effects of ketogenic diet in divers breathing Enriched Air Nitrox	Gerardo Bosco	MD
A	10	Helicopter vibration measurements and simulator development	Dr Denise F Blake	MD
B	1	Hyperbaric and high-oxygen environments reduce circulating inflammatory cells, convert infiltrated macrophage phenotype, and activate satellites cell following skeletal muscle contusion in rats.	Takuya Oyaizu	MD
B	2	Hyperbaric Oxygen Activates Mitochondrial Biogenesis in Skeletal Muscle	Miguel Alvarez Villela	MD
B	3	Hyperbaric Oxygen Treatment Reduces Mortality and Suppresses Acute Hepatic Inflammation in a Model of Septic Peritonitis	George A. Perdrizet	MD
B	4	The effects of HBO2 after long-duration and moderate-intensity exercise on fatigue: A single-blind, cross-over randomized trial	Kazuyoshi Yagishita	MD
B	5	Doppler ultrasound imaging of in situ human kidney stones in hyperbaric conditions	James R. Holm	MD
B	6	The Effect of Hyperbaric Oxygen on the Mitochondrial Metabolism of Human Renal Cells in Culture	George A. Perdrizet	MD
B	7	Inflammatory Hypoxia A Common Barrier to Oxygen Delivery to Tissues	George A. Perdrizet	MD
C	1	Carbon Monoxide Exposure and Timely Hyperbaric Oxygen Therapy	Deepali Sharma	MD
C	2	Hyperbaric Oxygen Therapy is Safe and Effective for Hospitalized Ulcerative Colitis Patients Suffering from Moderate-Severe Flares: A Multi-Center, Randomized, Double-Blind, Sham-Controlled Trial	Jay C. Buckey	MD
C	3	Iatrogenic Arterial Gas Embolism Case Series Treated with Hyperbaric Oxygen	Cory DuBose	DO
C	4	EYETRACKER OUTCOMES IN A RANDOMIZED TRIAL OF HYPERBARIC OXYGEN OR SHAM IN PARTICIPANTS WITH PERSISTENT POST-CONCUSSIVE SYMPTOMS	Anne S. Lindblad	PHD
C	5	A RANDOMIZED TRIAL OF HYPERBARIC OXYGEN IN US SERVICE MEMBERS WITH POST-CONCUSSIVE SYMPTOMS	Lindell K. Weaver	MD
C	6	Case Series of Frostbite Injury Treated with Hyperbaric Oxygen and Prospectively Evaluated with Cutaneous Microangiography (LUNA)	Drue Orwig	DO
C	7	ADHERENCE TO INTERVENTION AND FOLLOW-UP IN A RANDOMIZED CLINICAL TRIAL OF HYPERBARIC OXYGEN SESSIONS VERSUS SHAM	Anne S. Lindblad	PHD
C	9	Innovative Therapeutic Strategies in the Treatment of Refractory Osteomyelitis	Mahito Kawashima	MD
C	10	Dose Dependent Effects of Hyperbaric Oxygen Therapy in Children With Autism Spectrum Disorder	Noel R. Colls	MD
C	11	The Role of Hyperbaric Oxygen in the Treatment of Calciphylaxis	Nicholas Marosek	RN/CHRN
C	12	HYPERBARIC OXYGEN THERAPY USED TO MANAGE SUSPECTED CHEMOTHERAPY INDUCED HEMORRHAGIC CYSTITIS	Cher Habana	RN/CHRN
C	13	HBO AND SEVERE CROHN'S DISEASE: CASE REPORT	HUGO BORGES	MD
C	14	Hyperbaric Oxygen Treatment for Refractory Hemorrhagic Cystitis after Cyclophosphamide Therapy. Case Report and Review of Reported Cases	David S. German	MD
C	15	Cerebral arterial gas embolism in a patient with hypoplastic left heart syndrome treated with emergent hyperbaric oxygen: Case report	Mark Binkley	MD
C	16	Maxillary Osteoradionecrosis and Flap Reconstruction Successfully Treated with Adjunctive Hyperbaric Oxygen Therapy	Deepali Sharma	MD
C	17	Treating with Hyperbaric Oxygen Therapy for Necrotizing Fasciitis	Takashi Yamaguchi	OTHER
C	18	Effect of Repetitive Sessions of Hyperbaric Oxygen on Patients with Delayed Neurological Sequelae after Acute Carbon Monoxide Poisoning: Two Case Reports	SangChun Choi	MD
C	19	Hyperbaric oxygen therapy for the treatment of radiation-induced vaginal necrosis	Johnson-Arbor K	MD
C	20	Failed Flap Successfully Treated with Hyperbaric Oxygen	Deepali Sharma	MD
D	1	Epidemiology of morbidity and mortality in US and Canadian recreational scuba diving	Peter Buzzacott	PHD
D	2	Is recurrent decompression a risk factor for altitude DCI? A Case Series of F/A 18 Pilots.	Daniel Landry & Amanda Apicella	MD
D	3	A Mixed Model to Predict High Daily Diving Frequency among Artisanal Fishermen in Mexico	Walter Chin	RN/CHRN
D	4	Understanding the Distribution of Daily Diving Frequency among Small-scale Artisanal Fishermen	Walter Chin	OTHER
D	5	Understanding the Distribution of Dives completed per Day completed by Small-scale Fishermen over a Four Year Period	Walter Chin	RN/CHRN
D	6	Flying after diving: Is a 24 hours surface interval appropriate advice for consecutive multi-dive days diving?	Marguerite St Leger Dowse	OTHER
D	7	Project Poseidon: Medical Requirements for Establishing a SeaSpace Station	Harry T. Whelan	MD
D	8	Hyperbaric Oxygen Treatment of Decompression Sickness: Case Reports from Louisiana State University Undersea and Hyperbaric Medicine Fellowship Program	Gregory Shamitko	MD
D	9	Diving related injuries in Swedish working divers in relation to gender, age, work ability, stress and underwater work hours	Mats Hagberg	MD
D	10	Acral Peeling Skin Syndrome (APSS) in a Recreational Diver	James M Chimiak	MD
D	11	How many fishermen divers recognized signs and symptoms of decompression illness but did not seek for medical attention in Yucatan	Normando Rivera Canul	STUDENT
D	12	A case of decompression sickness in a surface-supplied air dive caused by rapid ascent after facial blunt trauma struck by weight of ascent line	SE HYUN, OH	MD
D	13	Delayed-diagnosed spinal cord decompression illness: A case report	Yumi Niizeki	MD
D	14	PROCESS TO CONSIDER FITNESS TO DIVE IN A WORKING DIVER WITH INSULIN-DEPENDENT DIABETES - A REFERENCE CASE DESCRIPTION	Mats Hagberg	MD
D	15	Trailing Hyperbaric Oxygen Treatments for Inner Ear Decompression Sickness	Deepali Sharma	MD
D	17	Posterior reversible encephalopathy and thoracic myelopathy following decompression illness	Matthew P Kelly	MD
D	18	DECOMPRESSION SICKNESS IN DIVERS AFTER ALTITUDE EXPOSURE AND TREATMENT WITH HYPERBARIC OXYGEN (HBO2)	R. Timothy Thurman	MD
D	19	How should we evaluate cardiac risk in the older asymptomatic SCUBA Diver?	Cory DuBose	DO
D	20	Articular pain among fishermen divers from Yucatán, comparative cross sectional	Normando Rivera Canul	STUDENT
E	1	MONOPLACE HYPERBARIC CHAMBER ATMOSPHERE OXYGEN CONCENTRATION DURING PATIENT TREATMENT SESSIONS.	Geness Koumandakis	RRT
E	2	"Improvements in Teamwork, Care Quality, and Patient Safety through the Implementation of an Emergent Hyperbaric Treatment Checklist"	Steven Omodt	RN/CHRN
E	3	Hyperbaric Oxygen Therapy (HBO2) Prepayment Audit: Discrepancies Between Noridian Reviewers and the Community Standard of Care	Lushin Huey	OTHER
E	4	Performance of the Uni-Vent Eagle™ Model 754 Ventilator Under Hyperbaric Conditions	Daniel Popa	MD
E	5	The Effect of Compression Rate and Slope on the Incidence of Eustachian Tube Dysfunction and Middle Ear Barotrauma: A Phase I Prospective Quasi-Experimental Study	Lince Varughese	MD
E	6	Critical Thinking – Inside of the Box: Establishing Best Practice in the Hyperbaric Medicine Clinic through In Situ Simulation	Nicholas Marosek	RN/CHRN
E	7	The Vortran® Automatic Resuscitator: A Pilot Study At Depth and Altitude	Micah W. Siegel	MD

E	8	Successful Treatment of a Patient with a Left Ventricular Assist Device with Hyperbaric Oxygen at 2.4 ATA	Marc Pullis	CHT
E	9	ALLOCATION CONCEALMENT IN A BLINDED, RANDOMIZED TRIAL OF HYPERBARIC OXYGEN FOR POST-CONCUSSIVE SYMPTOMS	Susan Churchill	ACNP/PA
E	10	ADVERSE EVENTS (AEs) IN A BLINDED, RANDOMIZED TRIAL OF HYPERBARIC OXYGEN (HBO2) FOR POST-CONCUSSIVE SYMPTOMS	Susan Churchill	ACNP/PA
E	11	Building a Hyperbaric Emergency Preparedness Program: Meeting the Needs of Employee Readiness and Certification	Andrew Melnychenko	CHT
E	13	Expectant management of bilateral pneumothoraces while treating severe carbon monoxide poisoning in a mechanically ventilated trauma patient.	Douglas Sward	MD
E	14	Programmable ventriculo-peritoneal shunt use under hyperbaric conditions	Johnson-Arbor K	MD
E	15	Calculating hyperbaric treatment pressure while at altitude.	Philip Schell	OTHER
E	16	Hyperbaric oxygen therapy and the deaf patient	M. Ansley Evans	RN/CHRN
E	17	Don't Try This at Home: A Type III Decompression Sickness Case Report	Brett Kathmann	MD
F	1	HYPERBARIC OXYGEN THERAPY (HBO2T) IN THE TREATMENT OF COMPLEX REGIONAL PAIN SYNDROME (CPRS).	Vincenzo Zanon	MD
F	2	Magnetic Resonance Imaging (MRI) after Hyperbaric Oxygen Treatment (HBOT) for Osteonecrosis of the Knee (ONK)	Enrico Camporesi	MD
F	3	Radiographic and Clinical Response to Hyperbaric Oxygen Therapy in Symptomatic Brain Tumor Survivors with Ischemic Radiation Vasculopathy	Edward B Arenson	MD
F	4	COMPRESSED GAS DIVING FATALITIES IN THE PROVINCE OF QUEBEC: 1986-2015	Neal W. Pollock	PHD
F	5	Hyperbaric oxygen therapy for the prevention of arterial gas embolism in food grade hydrogen peroxide ingestion	Stephen Hendriksen	MD
F	6	Best Practice Guidelines and Algorithm established for treatment and referral of patients with Diabetic Foot Ulcers.	Annette Gwilliam	RN/CHRN
F	7	Dropped gallstones present with chronic fistula seven years after laparoscopic cholecystectomy	Bo Cui	MD
F	8	Hyperbaric Oxygen for Chronic Anal Fissures: Case Report and Discussion	Judy Ptak	CHT
F	9	Improved Homonymous Hemianopia with Hyperbaric Oxygen Therapy	Jason A. Kelly	MD
F	10	Traumatic Optic Neuropathy Treated With Hyperbaric Oxygen Therapy and Steroids	Kinjal Sethuraman	MD
F	11	Complex Zygodactyly Release with Post-op Complications on a 32 year-old female	Lise Crapella	ACNP/PA
F	12	Issues with Self-Injection of Cosmetic Fillers	jeffrey cooper	MD
F	13	One Puzzle Solved	Nituna Phillips	OTHER
F	14	The use of mafenide acetate (Sulfamylon) under hyperbaric conditions: case report and literature review	Kelly Johnson-Arbor	MD
F	15	The use of hyperbaric oxygen therapy for skin necrosis after liposuction	Kelly Johnson-Arbor	MD
F	16	Reticulocytosis after hyperbaric treatments in a Jehovah's Witness patient with acute blood loss anemia	Johnson-Arbor K	MD
F	17	Stability of preserved hearing and cochlear implant function following multiple SCUBA dives	James R. Holm	MD
F	18	Hyperbaric oxygen therapy for complications of elective cosmetic surgery	Johnson-Arbor K	MD
F	19	Class B Chamber Critical Care - A Case Report of Severe Carbon Monoxide Poisoning and Gastrointestinal Bleeding	Kyle J. DuBose	DO