

# 2021 Virtual World Congress on Brain Injury



## Pre-Recorded Oral Abstract Presenters (By Abstract Number)

#	Title	Type	Category	Presenter
4	Using PPI (Public and Patient Involvement) in Neurorehabilitation Service Research Prioritization.	Pre-Recorded Oral	Neuroethics	Dr. Lorraine Crawley
6	Brain Injury: Voices of a Silent Epidemic	Pre-Recorded Oral	Case reports, case series, observational studies	Ms. Cindy Daniel
7	Emergency Preparedness and Ensuring the Safety of Persons with Brain Injuries	Pre-Recorded Oral	Prevention, public health, public policy & advocacy	Ms. Cindy Daniel
10	Prevalence, Predictors, and Outcomes of Traumatic Brain Injury in Young Offenders	Pre-Recorded Oral	Neuropsychology/Psychology	Ms. Hope Kent
11	"Finding Meaning in Ambiguous Loss: The Correlated Loss following a Traumatic Brain Injury and the Impact on Individuals and Families"	Pre-Recorded Oral	Family supports/interventions	Ms. Danielle Manning
13	The Gendered Legitimacy Deficits of MTBI	Pre-Recorded Oral	Female brain injury related issues	Ms. Marley Olson
15	Assessment of potential concussions in elite male Hurling; are players receiving an appropriate standard of care?	Pre-Recorded Oral	Concussion/mild TBI	Mr. Mario P. Rotundo

16	Characteristics and Assessment of Potential Concussive Events in the UEFA Champions League	Pre-Recorded Oral	Concussion/mild TBI	Dr. Darek Sokol-Randell
17	The 2019 neuro-rehabilitation implementation framework in Ireland: Challenges for implementation and the implications for people with brain injuries	Pre-Recorded Oral	Epidemiology, health services, and outcomes research	Ms. Grainne McGettrick
18	Exploring the use of technology in our community rehabilitation service during the pandemic	Pre-Recorded Oral	Brain injury and COVID related issues	Ms. Grainne McGettrick
24	Effectiveness of Pharmacotherapy for Depression after Adult Traumatic Brain Injury: an Umbrella Review	Pre-Recorded Oral	Neuropsychology/Psychology	Ms. Amelia Hicks
25	Does Ongoing Cognitive Decline Occur Decades After a Moderate to Severe Traumatic Brain Injury? A Prospective Controlled Study	Pre-Recorded Oral	Psychological/Neuropsychological Research	Ms. Amelia Hicks
26	Stakeholder perspectives on navigating the pediatric concussion experience: Exploring the needs for improved communication across the care continuum.	Pre-Recorded Oral	Education issues	Dr. Douglas Gomez
35	Outcomes of Resuscitative Endovascular Balloon Occlusion of the Aorta (REBOA) Utilization in Trauma Patients With and Without Traumatic Brain Injuries: A National Analysis of the American College of Surgeons Trauma Quality Improvement Program Data Set	Pre-Recorded Oral	Case reports, case series, observational studies	Mr. Brendon Sen-crowe
38	“You Can’t Fix Your Brain”: A Qualitative Study Exploring the Experiences of Children with Concussion and Their Parents	Pre-Recorded Oral	Concussion/mild TBI	Ms. Alyson Campbell

41	A Highly-Verbal Graham Cracker: The Emotional Experience of Three Years of Persistent Concussion Symptoms (Lived Experience)	Pre-Recorded Oral	Concussion/mild TBI	Ms. Allison Moir-Smith
47	Comparison of Self-Reported Lifetime Concussions and Mild Traumatic Brain Injuries Among Adults	Pre-Recorded Oral	Concussion/mild TBI	Dr. Jill Daugherty
54	New Modern Technology in Pediatric Neurorehabilitation: PowerVR program for Remediation of Social Deficits in Children with Neurological Disorders	Pre-Recorded Oral	Neurorehabilitation & therapy	Mrs. Marianne Saard
62	TBI Knowledge of Professionals Working with Justice-Involved Youth	Pre-Recorded Oral	Education issues	Mrs. Jessica Riccardi
66	Recovery of consciousness and predictors of early functional outcomes for pediatric patients with disorders of consciousness (DOC) during inpatient rehabilitation	Pre-Recorded Oral	Disorders of consciousness (DoC)	Dr. Robyn Howarth
67	Utility of Serial Cognitive Assessments to Inform Treatment of Pediatric Patients Diagnosed with Anti-NMDA Receptor Encephalitis (NMDARE)	Pre-Recorded Oral	Neurorehabilitation & therapy	Dr. Robyn Howarth
72	Perceptions Regarding Children's Safety And When Is A Good Age To Start Playing Tackle football	Pre-Recorded Oral	Concussion/mild TBI	Dr. Dana Waltzman
79	Implementation of Lean in a Neuro Rehabilitation Facility using the BRAIN Framework	Pre-Recorded Oral	Case reports, case series, observational studies	Mr. Joe Walters
95	TEaM Pilot Study on screening for Pediatric mTBI in Emergency Departments.	Pre-Recorded Oral	Concussion/mild TBI	Dr. Alex Hall

97	Social-Legal Narratives in Adults with and without Traumatic Brain Injury	Pre-Recorded Oral	Neuropsychology/Psychology	Dr. Joseph Wszalek
104	Adaptive and maladaptive brain functional network reorganization after stroke in hemianopia patients	Pre-Recorded Oral	Stroke	Mr. Jiahua Xu
109	Traumatic Brain Injury Treatment for Transgender Individuals: A Systematic Review	Pre-Recorded Oral	Neurorehabilitation & therapy	Ms. Maya Navarro
114	"The View from the Other Side"	Pre-Recorded Oral	Non-accidental and non-traumatic brain injury	Dr. Bruce Powell
117	How good are our goals? Understanding SMARTness in a paediatric neuropsychological rehabilitation service.	Pre-Recorded Oral	Epidemiology, health services, and outcomes research	Dr. Peter Tucker
119	Incidence of Visual Midline Shift in Concussed High School Athletes versus Controls; A Pilot Study	Pre-Recorded Oral	Concussion/mild TBI	Dr. Bill Rosen
120	Changes in functional brain activity following exercise in acute pediatric brain injury: Preliminary findings	Pre-Recorded Oral	Concussion/mild TBI	Mr. Bhanu Sharma
121	Neurocognitive Assessment Tools for Military Personnel With Mild Traumatic Brain Injury: Where are we?	Pre-Recorded Oral	Concussion/mild TBI	Dr. Chelsea Jones
123	Concussions: A Broad-spectrum Injury Requiring Education and Awareness among Diverse Audiences	Pre-Recorded Oral	Concussion/mild TBI	Dr. Shelina Babul
136	School Transition After Traumatic Brain Injury (STATBI): COVID-19 Impacts on Support Services for Students with TBI	Pre-Recorded Oral	Brain injury and COVID related issues	Dr. Jennifer Lundine
137	Gaps in Concussion Management across School-Aged Children	Pre-Recorded Oral	Concussion/mild TBI	Ms. Katherine Snedaker

138	Quantifying the Relationship Between Clinician Administered Measures of Vestibulo-ocular Reflex and Oculomotor Function and Patient-reported Outcome After Pediatric Mild TBI	Pre-Recorded Oral	Concussion/mild TBI	Dr. Adrienne Crampton
148	The Cognitive Status of Patients With Chronic Subdural Hematoma	Pre-Recorded Oral	Case reports, case series, observational studies	Mr. Jurre Blaauw
151	Bringing Concussion Education and Advocacy to the Next Generation of Healthcare and Public Health Professionals: Concussion Alliance's Novel Service Learning Undergraduate Internship	Pre-Recorded Oral	Education issues	Mr. Conor Gormally
153	Initial Clinical Presentation and Rehabilitation Pathways for Young, School Aged-Children with Concussion	Pre-Recorded Oral	Concussion/mild TBI	Dr. Elizabeth Teel
154	Feasibility and Safety of a Remote Graded Exertion Protocol Designed for Children and Adults with Mild Traumatic Brain Injury	Pre-Recorded Oral	Concussion/mild TBI	Mr. Christophe Alarie
158	Women's Support Worker eLearning for Brain Injury in Intimate Partner Violence Evaluation	Pre-Recorded Oral	Prevention, public health, public policy & advocacy	Mr. Blake Nicol
162	Constructing a Dutch Register on Childhood Aphasia	Pre-Recorded Oral	Neurorehabilitation & therapy	Dr. Femke Nouwens
170	Early Onset Dementia in Veterans With TBI: Is there an Additional Impact for those with Epilepsy?	Pre-Recorded Oral	Epidemiology, health services, and outcomes research	Dr. Mary Jo Pugh
171	Lead Toxicity Due to Retained Intracranial Bullet Fragment: A Case Report and Review of the Literature	Pre-Recorded Oral	Case reports, case series, observational studies	Dr. Daniel Aaronson

172	Factors Influencing Veterans' Receipt of Guideline-recommended Practices for Post-concussive Sleep Disturbance and Headache	Pre-Recorded Oral	Concussion/mild TBI	Dr. Adam Kinney
184	Elevated Rate of Head Impacts at Time of Injury in Concussed NCAA Division I American Football Players: Findings From the NCAA-DoD CARE Consortium	Pre-Recorded Oral	Concussion/mild TBI	Mr. Jack Seifert
186	Long Term Risk for Mood and Anxiety Disorders after Pediatric Traumatic Brain Injury: a Population-Based, Birth Cohort Analysis	Pre-Recorded Oral	Epidemiology, health services, and outcomes research	Dr. Dmitry Esterov
188	Predictors of Mental Health after Pediatric Concussion	Pre-Recorded Oral	Concussion/mild TBI	Ms. Alice Gornall
189	Planning and Implementing an Online Cognitive Community to Develop Compensatory Skills: A Collaborative Approach	Pre-Recorded Oral	Family supports/interventions	Ms. Michelle Ranae Wild
190	Cyberscams and Acquired Brain Injury: A Qualitative Exploration of the Lived Experience of Survivors and Close Others	Pre-Recorded Oral	Prevention, public health, public policy & advocacy	Ms. Jao Carminati
191	The association of padded headgear with concussion and injury risk in junior Australian football: A prospective cohort study	Pre-Recorded Oral	Concussion/mild TBI	Ms. Jennifer Makovec Knight
194	Making housing more accessible: Perspectives of people with physical impairment, occupational therapists and architects	Pre-Recorded Oral	Prevention, public health, public policy & advocacy	Dr. Kate D'cruz
196	Developing social-ABI-lity: using social media for connection and in rehabilitation after brain injury	Pre-Recorded Oral	Allied healthcare issues	Dr. Melissa Brunner

197	Influence of Symptom Burden, Neurocognitive, Vestibular-Ocular-Motor (VOM) and Academic Impairment on Time To Return to Play Following a Sports-Related Concussion (SRC)	Pre-Recorded Oral	Concussion/mild TBI	Ms. Kerry Glendon
218	A Caregiver Case Study: One Canadian's personal 24-year perspective	Pre-Recorded Oral	Family supports/interventions	Mrs. Rosalyn Fast
219	Evaluation of the impact of a concussion assessment pathway for children presenting with acute concussion to a pediatric emergency department	Pre-Recorded Oral	Concussion/mild TBI	Ms. Stephanie McFarland
223	Mortality among Veterans with TBI and Epilepsy: Is Risk Higher for those with TBI before or TBI after Epilepsy?	Pre-Recorded Oral	Epidemiology, health services, and outcomes research	Dr. Ali Roghani
224	Higher Head Bone Mineral Density Associated with a Concussion History in Collision and Contact Collegiate Athletes	Pre-Recorded Oral	Concussion/mild TBI	Prof. Marguerite Moore
227	Living Guideline for Diagnosing and Managing Pediatric Concussion: Enabling Evidence-Based Concussion Care	Pre-Recorded Oral	Concussion/mild TBI	Dr. Nick Reed
230	Connectomic Assessment of Structural Network Alterations and Injury Burden in Moderate-to-severe Traumatic Brain Injury	Pre-Recorded Oral	Neuromedical Research	Dr. Yusuf Osmanlioglu
231	Introducing PRISM to Clinical Practice in a Paediatric Neurorehabilitation Setting for Severe Acquired Brain Injury (ABI)	Pre-Recorded Oral	Neurorehabilitation & therapy	Dr. Lorna Wales
232	Concurrent Validity of the Concussion Quality of Life-Youth Patient-Report	Pre-Recorded Oral	Concussion/mild TBI	Dr. Tamara Valovich Mcleod

Outcome Measure (Version 1).

234	Awareness and Support for Survivors of Acquired Brain Injury: A Survey of Domestic Abuse Practitioners in the UK	Pre-Recorded Oral	Brain health and neurorehabilitation	Dr Sara Da Silva Ramos
238	Studying Angular Velocity-Induced Brain Injury in Three-Dimensional Cortical Spheroids	Pre-Recorded Oral	Concussion/mild TBI	Dr. Rafael D. Gonzalez Cruz
239	Leveraging Photoelicitation Methods to Elucidate Resilience Among Adults with Co-occurring Traumatic Brain Injury and Opioid Use Disorder	Pre-Recorded Oral	Epidemiology, health services, and outcomes research	Ms. Kathryn Coxé
240	The Effect of Mesenchymal Stem Cells Administration on Gastrointestinal System Inflammatory and Oxidant Stress Factors in Experimental Traumatic Brain Injury	Pre-Recorded Oral	Neurorehabilitation & therapy	Dr. Zahra Soltani
241	Pathways Through Rehabilitation for Traumatic Brain Injury: Preliminary Results from an Irish Study	Pre-Recorded Oral	Brain health and neurorehabilitation	Ms. Kate O'Donnell
242	Initiatives from the Galveston Brain Injury Conference; Improving outcomes for pediatric brain injury across all settings.	Pre-Recorded Oral	Allied healthcare issues	Ms. Judy Dettmer
243	Individual and Clinical Characteristics of Older Adults with Concussion	Pre-Recorded Oral	Neurorehabilitation & therapy	Dr. Crystal Ramsey
244	Pediatric Traumatic Brain Injury Monitoring Across Developmental Stages and Settings: The Pediatric Check-Up for Brain Health (PIC-UP) Created by the Galveston Brain Injury Conference	Pre-Recorded Oral	Prevention, public health, public policy & advocacy	Dr. Brenda Eagan-Johnson



245	Recognizing Institutional Racism in Integrated Care for Black People Living with Traumatic Brain Injury: A Critical Spotlight on the Clinical Care Journey	Pre-Recorded Oral	Brain health and neurorehabilitation	Ms. Samira Omar
247	Association of White Matter Microstructural Integrity and Short-Term Outcomes After Traumatic Brain Injury	Pre-Recorded Oral	Laboratory research	Dr. Alexa Walter
251	Comorbidity Preceding Traumatic Brain Injury is Associated with Excess Mortality: A Retrospective Cohort Study from Ontario, Canada	Pre-Recorded Oral	Epidemiology, health services, and outcomes research	Dr. Tatyana Mollayeva
252	Development of a Virtual Group-Based Intervention for Caregivers of Youth with Persistent Post-Concussion Symptoms: An Intervention Mapping Approach	Pre-Recorded Oral	Family supports/interventions	Ms Hiba Al-Hakeem
253	Prediction of Brain Age for Healthy Individuals and Patients with Traumatic Brain Injuries	Pre-Recorded Oral	Concussion/mild TBI	Dr. Maheen Adamson
256	Early Neurorehabilitation and Recovery from Disorders of Consciousness after Severe COVID-19: Findings from a Pilot Feasibility Study	Pre-Recorded Oral	Brain injury and COVID related issues	Dr. Lindsey Gurin
260	Prognosis of Prolonged Mechanically Ventilated Patients with Disorders of Consciousness in a Long-Term Acute Care Hospital in Comparison to Patients Who are Cognitively Intact or Cognitively Impaired	Pre-Recorded Oral	Disorders of consciousness (DoC)	Dr. David Stein
264	Ethicolegal Considerations of Screening for Traumatic Brain Injury in Women who have Experienced Intimate Partner Violence.	Pre-Recorded Oral	Neuroethics	Mr. Quinn Boyle

265	Can We Predict Persistent Post-Concussion Symptoms? A Simulation Study on the Practical and Conceptual Limitations	Pre-Recorded Oral	Concussion/mild TBI	Mr. Brendan Lam
268	An Adapted Delivery of the Brick-by-Brick™ Programme to Develop Communicative Competence in Children with Acquired Brain Injury (ABI) who Use Augmentative and Alternative Communication (AAC) Systems	Pre-Recorded Oral	Neurorehabilitation & therapy	Mrs. Nicola Jones
269	Epidemiology of Work-Related Traumatic Brain Injury: A Systematic Review and Meta-Analysis	Pre-Recorded Oral	Epidemiology, health services, and outcomes research	Ms. Danielle Toccalino
270	Unexpected Symptoms after Concussion: Links to Functional Neurological and Somatic Symptom Disorders	Pre-Recorded Oral	Concussion/mild TBI	Ms. Edwina Picon
271	Traumatic Brain Injury Diagnosis with the Help of Magnetic Resonance Elastography and Machine Learning	Pre-Recorded Oral	Concussion/mild TBI	Dr. Mariusz Ziejewski
274	The Role of Speech and Language Therapy in Supporting the Development of Self-worth and Identity in Children and Young People with Acquired Brain Injury (ABI)	Pre-Recorded Oral	Neurorehabilitation & therapy	Ms. Emma Bowers
275	The preservation of rich mental life and memory formation in a vegetative state patient	Pre-Recorded Oral	Disorders of consciousness (DoC)	Prof. Lorina Naci
280	Validating An Australian Coding System for Traumatic Brain Injury In Irish Hospital Discharge Records	Pre-Recorded Oral	Epidemiology, health services, and outcomes research	Professor Anthony Staines

286	Addressing the Shadow Pandemic: COVID-19 Related Impacts, Barriers, Needs, and Priorities to Healthcare and Support for Women Survivors of Intimate Partner Violence and Brain Injury	Pre-Recorded Oral	Brain injury and COVID related issues	Ms. Halina Haag
287	A Numerical Approach To Understand The Active Response Of Cervical Muscles With Different Fiber Types On Head Kinematics In Concussive Impacts	Pre-Recorded Oral	Concussion/mild TBI	Mr. Sakib Ul Islam
288	IBIA: A Spark For The Development of Community Based Rehabilitation For People With TBI in Ukraine	Pre-Recorded Oral	Case reports, case series, observational studies	Ms. Natalie Kalymon
289	A population-based sex-stratified study on health status preceding traumatic brain injury and direct medical cost	Pre-Recorded Oral	Epidemiology, health services, and outcomes research	Dr. Vincy Chan
290	A population-based sex-stratified study on health status preceding traumatic brain injury and functional outcome	Pre-Recorded Oral	Epidemiology, health services, and outcomes research	Dr. Vincy Chan
293	Best-Evidence Synthesis on the Impact of Comorbidities in Traumatic Brain Injury on Functional Outcomes	Pre-Recorded Oral	Brain injury and COVID related issues	Ms. Sara Hanafy
294	Characterizing on-field soccer header kinematics in collegiate women's soccer	Pre-Recorded Oral	Concussion/mild TBI	Ms. Rebecca Kenny
295	Taking a break from on-field soccer activity may be beneficial to collegiate women soccer players	Pre-Recorded Oral	Concussion/mild TBI	Ms. Rebecca Kenny
297	Brain Structure-Function Coupling in Female Roller Derby Athletes	Pre-Recorded Oral	Female brain injury related issues	Dr. Derek Monroe
299	The Portable Neurostimulator Brain Injury Treatment Program:	Pre-Recorded Oral	Brain health and neurorehabilitation	Dr. Sukhvinder Kalsi-ryan

A six patient Clinical Feasibility Study.

300	Reduced Inter-hemispheric Functional Connectivity in Traumatic Brain Injury	Pre-Recorded Oral	Neurotechnology	Mrs. Reut Raizman
301	The Influence of Chronic and Abusive Alcohol Consumption on Cognitive Recovery After a Traumatic Brain Injury.	Pre-Recorded Oral	Neuropsychology/Psychology	Ms. Sarah-Jade Roy
302	Traumatic Brain Injury Associated with Falls Among Older-Adults in the United States	Pre-Recorded Oral	Epidemiology, health services, and outcomes research	Dr. Anthony Asemota
306	The efficacy of digital health interventions for people with traumatic brain injuries and their carers: a systematic review	Pre-Recorded Oral	Brain health and neurorehabilitation	Ms. Petra Avramovic
310	Sex Differences in Neuromodulation Treatment Approaches for Traumatic Brain Injury: A Scoping Review	Pre-Recorded Oral	Female brain injury related issues	Ms. Srijia Seenivasan
313	HOW ARE THE SURFACES AND SHAPE IMPORTANT TO PREVENT PRESSURE SORES?	Pre-Recorded Oral	Case reports, case series, observational studies	Mr. Martino Avellis
314	Walk and grow up! The influence of gait on cognitive development	Pre-Recorded Oral	Case reports, case series, observational studies	Mr. Martino Avellis
503	Effective Connectivity Within and Between Default Mode Network and Anterior Forebrain Mesocircuit is Disrupted in Prolonged Disorders of Consciousness	Pre-Recorded Oral	Disorders of consciousness (DoC)	Mr. Sean Coulborn
510	tDCS combined with passive mobilisation increases brain activity during command-following; a proposed intervention to increase behavioural responsiveness in prolonged disorders of consciousness	Pre-Recorded Oral	Disorders of consciousness (DoC)	Mr. Davide Aloï