

The Canadian Concussion Centre Presents:

8th Annual Concussion Research Symposium

Biomarkers, Prevention and Treatment of Concussion

Friday, February 26, 2021 | Virtual Conference

Presentations	
8:30 – 9:00	Registration
9:00 – 9:10	Canadian Concussion Centre Conference: Opening Remarks Dr. Charles H. Tator
9:10 – 9:40	Invited Speaker: Dr. John Leddy, Buffalo Exercise as a Treatment for Concussion and Persistent Symptoms
9:40 – 10:00	CCC Speaker: Dr. Robin Green Treatment of Persisting Concussion-Related Mental Health Disorders by Teletherapy
10:00 – 10:30	Invited Speaker: Dr. Claire Sandoe, Toronto Headache Treatment in Concussion Patients
10:30 – 10:39	Rapid Podium Presentation – Posters # 1-3
10:39 – 10:50	Break
10:50 – 11:20	Invited Speaker: Shaleen Sulway Vestibular Physiotherapy as a Treatment for Concussion and its Consequences
11:20 – 11:50	Invited Speaker: Dr. Roger Zemak, Ottawa Concussion in Pediatric Patients
11:50 – 12:10	CCC Speaker: Dr. Charles Tator & Swapna Mylabathula Research into Canada's First School-based Concussion Curriculum
12:10 – 12:20	Break
12:20 – 12:50	Invited Speaker: Dr. Carolyn Emery, Calgary Prevention of Concussion
12:50 – 1:10	CCC Speaker: Dr. Lili-Naz Hazrati Update on Pathological Findings in the Brain After Repetitive Concussions
1:10 – 1:30	CCC Speaker: Dr. Carmela Tartaglia Update on Biomarkers for CTE
1:30 – 1:50	CCC Speaker: Dr. David Mikulis Recent Research into the Imaging of Concussion and Persisting Symptoms of Concussion
1:50	Closing Remarks Dr. Charles Tator

Poster Presentations	
Poster #	Title
1	Cognitive-motor integration performance testing and symptom assessment reveals males and females respond differently to concussive injury A.E. Pierias, D.E. Gorbet, A. Prieur, L. Sergio
2	Mild traumatic brain injuries in childhood are associated with alterations in myelin sensitive MRI measures in females E. Nishat, S. Stojanovski, S.H. Ameis, A.L. Wheeler
3	Mild traumatic brain injury is associated with dysregulated neural network functioning in children and adolescents K. Safar
4	A comparison of paper-and-pencil and computerized neuropsychological testing for the sub-acute and chronic assessment of pediatric mild traumatic brain injury (pmTBI) V. Sicard, D.D. Stephenson, C. Robertson-Benta, S. Pabbathi Reddy, D.C. Hergert, A.B. Dodd, J.A. Cromer, A.R Mayer
5	A Deep Learning Approach to Quantifying Structural Changes to Cortical Vascular Networks in Moderate Traumatic Brain Injury M.W. Rozak, J.R. Mester, A. Dorr, P. Mojiri Forooshani, M. Biparva, M. Goubran, B. Stefanovic
6	An On-Field Assessment of Cognitive-Motor Integration (HurtSHynes™ Test) in Varsity Athletes with No Prior History of Concussion C.A. Amaral, J.M. Hurtubise, A. Prieur, L.E. Sergio, L.M. Hynes
7	Can Sport Concussion Assessment Tool (SCAT) scores be converted to Rivermead Post-Concussion Symptoms Questionnaire (RPQ) scores and vice versa? L. Langer, P. Comper, L. Ruttan, L. Innis, A. Kam, D. Lawrence, A. Tam, T. Chandra, E. Foster, M. Bayley
8	Blood flow differences between sexes in athletes with history of concussion R. Kalkat, A. Prieur, A. Macpherson, L. Hynes
9	Sex-Related Differences in Oculomotor and Cognitive Control in Asymptomatic Varsity Athletes M. Modica, L. Sergio, L.M. Hynes
10	Can you cope? Exploring young athletes' cognitive coping response to a hypothetical concussion T. Renton
11	Concussion Outcomes Determined By Where You Live: A Retrospective Study T. Gambale, M. Guay, S. Malik, A. Atayde, J. Lin, L. Sapiano, R. Ahmed, M.P. Rathbone
12	Brain vital signs are sensitive to subconcussive head impacts in youth football and ice Hockey S.D. Fickling, A.M. Smith, M.J. Stuart, D.M. Dodick, T. Munce, R. CN D'Arcy
13	Working with Challenging Clients in a Virtual Age: Professional Boundaries and Self-Care for Health Care Workers and Administrative Staff E. Dales

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