



# ICEBAT Canada Program

**Friday April 24<sup>th</sup>, 2026**

11:00-12:00	Registration with Lunch, West Foyer of Delta Marriott	
12:00-12:20	Opening Addresses International Rm A, adjacent to West Foyer	Alison Bonnyman, Organization chair Canada Johan Lambeck, Scientific chair The Netherlands

## Plenary Session 1

Chair: Urs Gamper

### *Waves in Aquatic Rehabilitation*

12:20-13:10 K1	Treading Water – Aquatic Treadmill Exercise as an Optimal Therapeutic Exercise Strategy for Improving Brain Vascular Health	Samuel Lucas United Kingdom
13:10-14:00 K2	Making Waves – The power of high-intensive (aquatic) exercise	Jens Bansi Switzerland

14:00-14:30	Tea Break and Poster Session: Series 1	
-------------	--	--

## Plenary Session 2

Chair: Anna Oganowska-Slodownik

### *Evidence in Aquatic Physical Therapy (APT)*

14:30-15:20 K3	Immersion in Evidence-Based Practice: Physiological Insights for Optimizing Aquatic Exercise Dosage in Health Promotion	Cristine Alberton Brazil
15:20-16.10 K4	Implementing Evidence-Based Strategies for Shoulder Recovery in Swimmers	Michael Murray USA

16:10-16:40	Tea Break and Poster Session: Series 2	
-------------	--	--

## Plenary Session 3

Chair: Javier Güeita

### *Sound Makes the Dose*

16:40-17:30 K5	Rhythm and Music as Therapeutic Tools: Enhancing Motor Control and Modulating Intensity in Aquatic Rehabilitation	Emily Dunlap USA
17:30-18:20 K6	Sleeping with the Enemy: The role of aquatic exercise in navigating poor sleep	Jason Ellis United Kingdom



## Saturday April 25<sup>th</sup>, 2026

### Plenary Session 4

Chair: Emily Dunlap

#### *Pediatric APT: Optimal Development*

08:45-09:35 K7	Surfing the aquatic clinical reasoning in children with autism spectrum disorder	Javier Güeita Spain
09:35-10:25 K8	Splashing through the F-words for Child Development: Exploring the holistic benefits of aquatics for children with developmental concerns and disabilities	Andrea Cross Canada
10:25-11:15 K9	Riding the Trend: Aquatic Therapy for Cerebral Palsy Recovery After Orthopedic Surgery & Neuromuscular Blocks	Caio Castro Brazil

11:15-11:45	Tea Break and Poster Session: Series 3	
-------------	--	--

### Plenary Session 5 Oral presentations 1-6

Chair: Jens Bansi

11:45-11:57 O1	Immersion and Innovation: Aquatic-Based Rehabilitation Therapy for SCI Patients with Complex Medical Condition and Invasive Appliances	Albert Recio USA
11:57-12:09 O2	Using Quality Improvement methods to explore evidence-based practice in Aquatic Physiotherapy	Alasdair Davie Scotland
12:09-12:21 O3	Rehabilitation resource planning for mass casualty incidents: a retrospective analysis of blast and ballistic injuries	Caroline Barnatz
12:21-12:33 O4	Customizing Aquatic Interventions: Meeting the Unique Needs of Children with ASD	Patty van 't Hoof The Netherlands
12:33- 12:45 O5	Posttraumatic Stress Disorder Symptom Changes Among Veterans Participating in Trauma - Informed Aquatic Therapy: A 1 - Year Retrospective Study	Elizabeth Berg USA
12:45-12:57 O6	Spinal cord injury aquatic physiotherapy: ventilated & tracheostomy management protocol	Julie Dixon United Kingdom

12:57-13:40	Lunch	
-------------	-------	--

### Pool Session 1

Chair: Eugenia Hernández

#### *Applying Research to Clinical Practice*

13:40-14:20 P1	The Bad Ragaz Ring Method: Developments and the importance of manual handling	Urs Gamper Switzerland
14:20-14:50 P2	Water Specific Therapy: facilitating continuous reactive myofascial chains	Urs Gamper Switzerland Johan Lambeck The Netherlands
14:50-15:20 P3	From Pedagogy to Exercise: Optimizing the Aquatic Games	Javier Güeita Spain

15:20-15:50	Tea Break and Poster Session: Series 4	
-------------	--	--



**Pool Session 2**

Chair: Caio Castro

*Emphasis on Intensity*

15:50-16:30 P4	Rhythm and Music as Therapeutic Tools: Enhancing Motor Control and Modulating Intensity in Aquatic Rehabilitation	Emily Dunlap USA
16:30-17:10 P5	Mastering Intensity Control: Practical Strategies for Aquatic Aerobic Exercise	Cristine Alberton Brazil

**Workshops 1**

Chair for Jens Bansi: Andresa Marinho-Buzelli

Chair for Emily Dunlap: Johan Lambeck

17:30-18:10 Parallel workshops	Getting the dosage right – Graded exercise testing. Location: gym Beyond the Abstract: A Clinician’s Guide to Critically Appraising Research in Physical Therapy. Location: Int’l Rm A	Jens Bansi Switzerland Emily Dunlap USA
-----------------------------------	---	--

**GALA Dinner in Int’l Rm A: 6:30 Cash Bar; 7:15 Guest Speaker; 7:30 Buffet Dinner; 9:00 Awards**

**Sunday April 26<sup>th</sup>, 2026**

**Plenary Session 6**

Chair: Michael Murray

*Transitioning to Fitness*

08:45-09:25 K10	Pulling lifestyle diseases into the pool	Eugenia Hernández Mexico
09:25-10:05 K11	Balancing in motion: a novel approach to fall prevention through water-based reactive balance training	Anna Ogonowska-Slodownik Poland
10:05-10:45 K12	Aquatic Therapy for chronic pain: Where to start?	Oliver Krouwel United Kingdom

10:45-11:45	Tea Break and Poster Session: Series 5	
-------------	--	--

**Plenary Session 7**

Chairs: Urs Gamper and Jens Bansi

*Away We Go!*

11:45–12:05	Q & A Round Table	
12:05-12:15	Poster Prize Presentation	Urs Gamper
12:15-12:45	The future of aquatic therapy: closing words	Alison Bonnyman Canada Johan Lambeck The Netherlands



## Poster Sessions

International Room B, adjacent to Presentation Room

### Friday April 24<sup>th</sup>, 2026

#### Series 1 (Poster booth 1-4)

14:15-14:25 PB 1	<i>P01</i> The role of aquatic physiotherapy in treating military personnel with vestibular dysfunction following a mild traumatic brain injury	Katy MacSwiney United Kingdom
14:15-14:25 PB 2	<i>P12</i> Perceptions of Individuals with Cerebral Palsy and Other Neuromuscular Conditions and Their Families on Aquatic Therapy Through the Lens of the F-words	Michelle Pires Brazil
14:15-14:25 PB 3	<i>P09</i> Removing Barriers to Aquatic Therapy Adoption: A Scalable Canadian Model for Lifespan Rehabilitation	Karen Snyder Canada
14:15-14:25 PB 4	<i>P08</i> Neuroimmune, Neuroendocrine, and Neuroplastic Effects of Aquatic Therapy on Depression: A Mechanistic Scoping Review	Oğuz Gücin Türkiye

#### Series 2 (Poster booth 1-5)

16:25-16:35 PB 1	<i>P02</i> Effect of Aquatic Therapy on Gait Kinematics in Early Adolescent Spastic Diplegic Cerebral Palsy – A Case Study	Dipti Patil India
16:25-16:35 PB 2	<i>P14</i> Empowering Movement Behavior: Developing an Aquatic Intervention to Enhance Balance and Social Interactions in Children with Autism Spectrum Disorders	Patty van 't Hooft The Netherlands
16:25-16:35 PB 3	<i>P11</i> Strengthening the Aquatic Rehabilitation Evidence Base through Patient-Reported Outcomes and Service Evaluation	Ross Urquhart Scotland
16:25-16:35 PB 4	<i>P21</i> Aquatic Therapy for Fibromyalgia: A Systematic Review of Benefits and Outcomes	Islam Hewidy USA
16:25-16:35 PB 5	<i>P16</i> Effects of Aquatic Intervention on Gross Motor Function and Water Orientation Skills in Children with Cerebral Palsy: A Pilot Study	Eliška Vodáková Czech Republic

### Saturday April 25<sup>th</sup>, 2026

#### Series 3 (Poster booth 1-5)

11:30-11:40 PB 1	<i>P04</i> Understanding Factors around the Application of Aquatic Physical Therapy in the Subacute Phase of Stroke Recovery	Emma van Demark Canada
11:30-11:40 PB 2	<i>P13</i> Effect of Paediatric Aquatic Therapy and Neurodevelopmental Treatment (NDT) on Children with Neuromotor Impairments: A Literature Review	Renu Agrawal India
11:30-11:40 PB 3	<i>P19</i> Mechanistic Pathways of Aquatic Exercise, Water Immersion, and Balneotherapy Relevant to Chronic Pain: A Scoping Review	Oğuz Gücin Türkiye
11:30-11:40 PB 4	<i>P22</i> The effect of Geront hydrotherapy on pain, range of movement and function in patients with frozen shoulder.	Stacey Lewis South-Africa
11:30-11:40 PB 5	<i>P07</i> The Effect of Aquatic Exercise on Cognitive Function and Neurotrophic Factors for Older Adults– A Systematic Review and Meta-Analysis	Manny Kwok Hong Kong



**Series 4 (Poster booth 1-4)**

15:35-15:45 PB 1	<i>P03</i> The Efficacy of Aquatic Physical Therapy in Post-Acute Severe Traumatic Brain Injury: A Retrospective Single Case Study	Peter Glazer Canada
15:35-15:45 PB 2	<i>P10</i> The benefits of aquatic therapy sessions on the development of communication and participation - a multidisciplinary project case study of two children with complex needs	Kerry Churchill South Africa
15:35-15:45 PB 3	<i>P18</i> Water- and Land-Based Aerobic Exercise on Pain in Breast Cancer Survivors: The Watermama Randomized Clinical Trial	Cristina Alberton Brazil
15:35-15:45 PB 4	<i>P20</i> Effects of Aquatic Therapy on Paraspinal and Gluteal Muscle Morphology and Psychological Outcomes in Individuals with Chronic Low Back Pain: A Randomized Controlled Trial	Nicolas Vaillancourt Canada

**Sunday April 26<sup>th</sup>, 2026**

**Series 5 (Poster booth 1-5)**

10:20-10:30 PB 1	<i>P05</i> Scoping Review and Protocol Development for Clinical Ai Chi (CAC) in Vestibular Dysfunction	Conceição Graça Portugal
10:20-10:30 PB 2	<i>P15</i> Water Specific Therapy Halliwick (WSTH) and cerebral palsy. Between field statistical studies and practice: an overview	Eric Meyer Belgium
10:20-10:30 PB 3	<i>P17</i> Factors Influencing Waterproof Performance and Skin Irritation of Transparent Film Dressings During Aquatic Exercise: A Crossover Trial	Emily Dunlap USA
10:20-10:30 PB 4	<i>P23</i> Applying the frequency, intensity, time, and type (FITT) principle to aquatic exercise for knee osteoarthritis: a systematic review	Daud Ahmad Pakistan
10:20-10:30 PB 5	<i>P06</i> Short-term effects of Aquatic Exercise on Sleep in Children and Adolescents: A Pilot Study	Oliwia Jakóbowicz Poland