



## ICEBAT Canada Program

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

11:00-12:00	Registration with tea / coffee / packed lunch	
12:00-12.20	Opening Addresses	Alison Bonnyman, Organization chair Canada Johan Lambeck, Scientific chair The Netherlands

### Plenary Session 1

Chair: Urs Gamper

Theme: 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 (please scroll down to see allocations)	

### Plenary Session 2

Chair: Anna Oganowska-Słodownik

Theme: 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
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### Plenary Session 3

Chair: Javier Gueita

Theme: Sound Makes the Dose

16:40-17:30 K4	Rhythm and Music as Therapeutic Tools: Enhancing Motor Control and Modulating Intensity in Aquatic Rehabilitation	Emily Dunlap USA
17:30-18:20 K5	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

Theme: Pediatric APT: Optimal Development

08:45-09:35 K6	Surfing the aquatic clinical reasoning in children with autism spectrum disorder	Javier Güeita Spain
09:35-10:25 K7	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 K8	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 Barmatz
12:21-12:33 O4	Implementation of Early Aquatic Therapy Following Lower Extremity Surgery: A Quality Improvement Project	Sarah Siderius Canada
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
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### Pool Session 1

Chair: Eugenia Hernández

Theme: 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
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## Pool Session 2

Chair: Caio Castro

Theme: 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	<ol style="list-style-type: none"> <li>1. Getting the dosage right – Graded exercise testing</li> <li>2. Beyond the Abstract: A Clinician's Guide to Critically Appraising Research in Physical Therapy</li> </ol>	Jens Bansi Switzerland Emily Dunlap USA
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## Plenary session 6

Chair: Michael Murray

Theme: Transitioning to Fitness

08:45-09:25 K9	Pulling lifestyle diseases into the pool	Eugenia Hernández Mexico
09:25-10:05 K10	Balancing in motion: a novel approach to fall prevention through water-based reactive balance training	Anna Ogonowska-Słodownik Poland

10:05-11:35	Tea break and poster session: series 5
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## Plenary Session 7

Chairs: Urs Gamper and Jens Bansi

Theme: Away We Go!

11:35-12:15 K11	Aquatic Therapy for chronic pain: Where to start?	Oliver Krouwel United Kingdom
12:15-12:45	The future of aquatic therapy: closing words	Alison Bonnyman Canada Johan Lambeck The Netherlands



## Poster sessions

**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	Öğuz Güçin 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

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**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	Öğuz Güçin Türkiye
11:30-11:40 PB 4	<i>P22</i> The effect of Gerot 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 The Efficacy of Aquatic Physical Therapy in Post-Acute Severe Traumatic Brain Injury: A Retrospective Single Case Study</i>	Peter Glazer Canada
15:35-15:45 PB 2	<i>P10 The benefits of aquatic therapy sessions on the development of communication and participation - a multidisciplinary project case study of two children with complex needs</i>	Kerry Churchill South-Africa
15:35-15:45 PB 3	<i>P18 Water- and Land-Based Aerobic Exercise on Pain in Breast Cancer Survivors: The Watermama Randomized Clinical Trial</i>	Cristina Alberton Brazil
15:35-15:45 PB 4	<i>P20 Effects of Aquatic Therapy on Paraspinal and Gluteal Muscle Morphology and Psychological Outcomes in Individuals with Chronic Low Back Pain: A Randomized Controlled Trial</i>	Nicolas Vaillancourt Canada

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

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