



EUROPEAN SEATING SYMPOSIUM
Incorporating Assistive Technology
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EUROPEAN SEATING SYMPOSIUM

12 – 15 JUNE 2018
TRINITY COLLEGE
DUBLIN, IRELAND



Trinity College Dublin
Coláiste na Tríonóide, Baile Átha Cliath
The University of Dublin

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TUESDAY 12 JUNE 2018 PRESYMPOSIUM

	CLASSROOM 3051	CLASSROOM 3071	CLASSROOM 4050B	CLASSROOM 4047
09.00-17.00	Manual wheelchair skills assessment and training: A practical workshop Dr R. Lee Kirby, Cher Smith (Canada)	Getting to the core of the problem: Critical steps that are essential when carrying out positioning - seating assessments regardless of the complexity of the client Sharon Sutherland (Ireland)	Breathing & Seating: More linked than you think Mary Massery (United States)	Pressure and force management in seating Stephen Sprigle, Sharon Sonenblum (United States)

WEDNESDAY 13 JUNE 2018 ESS DAY 1

	BURKE THEATRE
08.45-09.00	OPENING ADDRESS: Stephanie Manahan, Chief Executive Officer, Central Remedial Clinic
09.00-11.00	PLENARY 1 Chairs: Simon Hall & Mary McDonagh
09.00-09.30	We should be taught to see the person, not the disability Geraldine Lavelle (Ireland)
09.30-10.00	How the field of Seating and Mobility has evolved over time: Advances in Practice, Technology and Product Design Leading to Better Outcomes for Service Users Professor Stephen Sprigle (United States)
10.00-10.30	Sharon Sutherland (Ireland)
10.30-11.00	Bart Van der Heyden (Belgium)
11.00-12.00	COFFEE BREAK & EXHIBITION

PARALLEL SESSIONS: CLINICAL PRESENTATIONS AND RESEARCH PAPER PRESENTATIONS

	BURKE THEATRE	J.M. SYNGE THEATRE	DAVIS THEATRE	EMMET THEATRE	UI CHADHAIN THEATRE	SWIFT THEATRE	CLASSROOM 4050B
Session Title	Collaborative Approaches in How We Deliver Services		Postural Management	Wheelchair Skills	Seating, Postural Management and Pressure Ulcer Prevention	International Perspectives on Seating & Mobility	
12.00-13.00	Chair: Mike Walsh Failing to succeed: How co-production should be shaping our practice Sarah Clayton, Rachel Wright (United Kingdom) Where do we begin... A comparison study of expectations from therapists and parents when attending their first specialist seating clinic Nicola Taylor, Ciara Fitzsimons (Ireland)	Chair: Brenda McLoughlin Asymmetrical limited hip flexion and its effect on seating posture, scoliosis and windswept hip distortion Atli Ágústsson (Iceland) Demographic and modifiable factors associated with knee contracture in children with cerebral palsy Erika Cloodt (Sweden) Head control: A review of the evidence and implications for special seating for children with cerebral palsy Clare Canale (United Kingdom)	Chair: Bettina Jeffers Relationship between wheelchair skills scores and peak aerobic exercise capacity of manual wheelchair users with spinal cord injury: A cross-sectional study Dr R. Lee Kirby (Canada) The threshold wheelchair skill: An eye-tracking study of observer-rating and error-detection accuracy Dr Diane MacKenzie (Canada) A wheelchair skills training 'bootcamp' improves occupational therapy students' self-efficacy for assessing, training and spotting manual and power wheelchair skills Dr Krista Best (Canada)	Chair: Jenny Crumlish Development of the Tissue Viability Society UK Seating Guidelines Carol Bartley, Melanie Stephens (United Kingdom) 24 hour postural management: A survey of Northern Ireland Occupational Therapists May Stinson, Dr Shelley Crawford (United Kingdom) Pressure Ulcer Prevention and Education of Healthcare Professionals: A Cochrane Review Dr Alison Porter-Armstrong (United Kingdom) Pressure Mat: Relevance and use of measurements? Eric Campion (France)	Chair: Rachel Glenane What are we waiting for? Gathering stakeholder perspectives on the current wheelchair provision service in Ukraine Anne Marie Keane (United Kingdom) 'We'll be alright Annie when we turn the corner' – Reflecting on wheelchair service strategy development in low and lower middle income countries Dr Rosemary Joan Gowran (Ireland) Relationship between wheelchair services received and wheelchair-user outcomes in less-resourced settings: A cross-sectional survey in Kenya and the Philippines Dr R. Lee Kirby (Canada)		

WEDNESDAY 13 JUNE 2018 ESS DAY 1 (cont.)

	BURKE THEATRE	J.M. SYNGE THEATRE	DAVIS THEATRE	EMMET THEATRE	UI CHADHAIN THEATRE	SWIFT THEATRE	CLASSROOM 4050B
13.00-14.00	LUNCH & EXHIBITOR PRESENTATIONS						
13.30-14.00	Sunrise Medical New technologies to improve pressure management in power chairs	Vicair 25 years of innovation in seating & positioning	Progeo Wheelchairs Carbon-fibre experience. How we develop since 22 years ultralight wheelchairs made to measure to improve the daily life of wheelchairs users	V-Track Using Modular Seating Solutions to continuously support the changing posture and function of a wheelchair user			
14.00-15.00	WORKSHOPS						
	Chair: Mary McCormick Is your therapist competent to prescribe wheelchair and seating? An overview of the New Zealand Competency Based Credentialing Framework for therapists (Intermediate) Meredith Miller, Margaret Blake (New Zealand)	Chair: Sharon Power Anterior trunk support for children in postural control systems (Intermediate) Kim Magnus, Sherylin Gasior (Canada)	Chair: Mira Robin Leaving on a Jet Plane, Will I ever see my chair again (Intermediate) Dr Jessica Presperin Pedersen, Mary Shea (United States)	Chair: Bob Martin Addressing issues of vagueness in clinical documentation for wheeled mobility & seating (Intermediate) Dr Mark Schmeler (United States)	Chair: Catherine Durcan Custom moulded seating: Is it really the answer? (Intermediate) Dr Shelley Crawford, Dr Peter Watson (United Kingdom), Jackie Casey (United States)	Chair: Cathy Byrne There's no need to be afraid: Getting to grips with power chair programming (Beginner) Rhona Moot, Sofie Vercaemer (Netherlands)	Chair: Kevin Tallon From concept to clinical implementation: The product development process (Intermediate) Tina Roesler (Canada)
15.00-15.30	COFFEE BREAK & EXHIBITION						
15.30-16.30	WORKSHOPS						
	Chair: Nicola Kehoe Does the evidence support a 24 hour postural management approach and how does this impact on clinical practice? (Intermediate) Dr Shelley Crawford, May Stinson (United Kingdom)	Chair: Sharon Power Customised lying supports: Thinking 'outside of the box' to support a 24 hour postural management programme (Advanced) Meredith Miller (New Zealand)	Chair: Kim Magnus Heads up! (Beginner) Kathy Fisher (Canada)	Chair: Bob Martin Achieving the optimal set up on ultralight wheelchairs - Linking evidence to practice (Beginner) Matthew Eveleigh (United Kingdom)	Chair: Catherine Durcan Educating health care workers on optimal sitting in wheelchairs (Intermediate) Dr Nico Knibbe (Netherlands)	Chair: Cathy Byrne Positioning considerations: A biomechanical approach (Advanced) Tomas Collin (Norway)	Chair: Kevin Tallon Concepts developed through wheelchair rugby classification, and their translation into wheelchair set-up for active users (Intermediate) Deborah Bowditch (United Kingdom)
16.30-17.00	BREAK						
17.00-19.00	WORKSHOPS						
	Chair: Rosemary Gowran 17:00-17:45: Development and application of a wheelchair education tool kit for University curricula Dr Paula W. Rushton, Dr Mary Goldberg, Dr Jon Pearlman (United States) 17:45-18:30: Wheelchair International network: How to connect with other wheelchair providers Dr Mary Goldberg (United States) 18:30-19:00: International cafe: Reflecting on sector priorities identified in global stakeholder meeting and sharing your own experiences Facilitated by Dr Mary Goldberg (United States)	Chair: Jeff Morris 17:00-18:00: Wheelchair Provision for the Bariatric Population (Intermediate) Lynda McCullough, Dr Shelley Crawford (United Kingdom)	Chair: Sherylin Gasior 17:00-18:00: "The Wheelchair Environment" (Intermediate) Elaine Toskos (United States)	Chair: May Stinson 17:00-18:00: Evidence Building in Postural Care (Intermediate) Sarah Clayton, Gail Russell (United Kingdom)	Chair: Elisabete Roldeo 17:00-18:00: Shaping our practice through case study education Richard Kellowan (Canada)	Chair: Lorna Tasker 17:00-18:00: The effectiveness of specialist seating provision for hospital settings (Beginner) Martina Tierney (United Kingdom)	Chair: Rory Cooper 17:00-18:00: Back to the "ideal" Ultralight Manual Wheelchair (Intermediate) Rosemarie Cooper (United States)

THURSDAY 14 JUNE 2018 ESS DAY 2

BURKE THEATRE							
09.00-11.00	PLENARY 2 Evidence and Experience for Mobility Interventions and Postural Management Chair: Mike Walsh						
09.00-09.30	The latest evidence to drive clinical practice patterns Ginny Paleg (United States)						
09.30-10.00	The role of surgical interventions for adults and children with neuromuscular impairments highlighting the importance of team relationships Dr Wade Shrader (United States)						
10.00-10.30	The evidence for wheeled mobility and postural management for adults and children with neuromuscular impairments Dr Elisabet Rodby Bousquet (Sweden)						
10.30-11.00	The result in family life Carol Shrader (United States)						
11.00-11.45	COFFEE BREAK & EXHIBITION						
11.45-12.45	PARALLEL SESSIONS: CLINICAL PRESENTATIONS AND RESEARCH PAPER PRESENTATIONS						
	BURKE THEATRE	J.M. SYNGE THEATRE	DAVIS THEATRE	EMMET THEATRE	UICHADHAIN THEATRE	SWIFT THEATRE	CLASSROOM 4050B
Session Title	Service Users Perspectives	Health & Wellbeing of Clinical Staff	Innovations & Technological Advances	Powered Mobility			Wheelchair Maintenance
	<u>Chair: Rosemary Gowran</u> Wheelchair users' satisfaction with the prescribed wheelchairs and wheelchair services in Croatia Siniša Štefanac (Austria) <u>Voice of consumer and provider in mobility assistive technologies</u> Dr Rory Cooper (United States) <u>Moving beyond a 'client-centred' assessment model towards a 'co-assessing' model.</u> A wheelchair user argues for a paradigm shift in wheelchair and seating assessments Dr Margaret Kennedy (Ireland)	<u>Chair: Alison Porter-Armstrong</u> Happier staff, happier service users: Integrating clinical psychology into wheelchair & seating services Dr Paul McKenzie, Karl Lees (United Kingdom) <u>Towards staff health and welfare: A heuristic approach</u> Paul O'Donoghue (Ireland)	<u>Chair: Peter Knief</u> The clinical relevance of volumetric strain distribution as a parameter for tissue injury risk Dr Alexander Siefert (Germany), Dr Max Rogmans (Netherlands) <u>Creation of a new postural evaluation tool for sitting position</u> Clemence Paquin (France) <u>Effects of a new seating support on mobility, autonomy, ADL and comfort of elderly patients using a wheelchair</u> Dr Hanneke JJ Knibbe (Netherlands)	<u>Chair: Edel O'Neil</u> Powered mobility devices assessment and cognitive impairment: What evidence and which tools? Dr Devis Trioschi, Dr Caterina Paolini (Italy) <u>Powered mobility skills training: Are we evidence based?</u> Emma Smith (Canada)			<u>Chair: Peter Watson</u> Applied internet-of-things technology in the management of wheelchair maintenance at NHS WestMARC: A retrospective Colin Mair (United Kingdom) <u>Development and testing of wheelchair maintenance programmes</u> Bonita Sawatzky (Canada)
12.45-14.00	LUNCH & EXHIBITOR PRESENTATIONS						
13.30-14.00	<u>Sunrise Medical:</u> New SEDEO seating family: How to customize the power chair seat to the clinical needs of each individual patient	<u>Ottobock</u> Solving complex needs with the Juvo powerchair	<u>Etac R82</u> Is it possible to regain or improve functions when you are 80 years old? Yes!	<u>Enable Supplies</u> Seating someone with Huntington's disease			
14.00-15.00	WORKSHOPS						
	<u>Chair: Eoin O'Mahony</u> Update on the functional mobility assessment and uniform dataset registry (Intermediate) Dr Mark Schmeler (United States)	<u>Chair: Nicola Taylor</u> The case for Bluetooth: Technology leading to the greatest level of independence (Intermediate) Jay Doherty (United States)	<u>Chair: Jeff Morris</u> Working Philosophy to be used as guideline for selection of assistive technology in mobility and positioning (Intermediate) André Neves (Portugal)	<u>Chair: John Tiernan</u> Smart wheelchairs: Where are we now? (Beginner) Dr Pooja Viswanathan (Canada)	<u>Chair: Mira Robin</u> Psychosocial effects of adaptive sports (Intermediate) Dr Carina Siracusa, Dr Adrea Stump, Jeremy Finton, Brad Burns (United States)	<u>Chair: Niamh Cronin</u> Contoured seating and dynamic mobility intervention: Considerations to enhance development (Advanced) Sheila Buck (Canada)	<u>Chair: Rory Cooper</u> Practice shaping the evidence: Correct posture versus dynamic seating curbing the negative effects of prolonged sitting: Using dynamic seating to allow dynamic sitting (Intermediate) Andrea Espei (Germany)
15.00-15.30	COFFEE BREAK & EXHIBITION						
15.30-16.30	WORKSHOPS						
	<u>Chair: Eoin O'Mahony</u> The future of specialised assistive technology seating & rehabilitation assessments – Live 3D scanning and model generation (Intermediate) Simon Hall (Ireland)	<u>Chair: Nicola Taylor</u> Everyday use of power adjustable seat height systems – Who, why, where, when (Intermediate) Chris Maurer, Sharon Sonnenblum, Julie Piriano (United States)	<u>Chair: Jeff Morris</u> Immerse yourself – The science of skin protection (Beginner) Stephanie Tanguay (United States)	<u>Chair: John Tiernan</u> Power assist: Navigating the options (Intermediate) Margaret Blake (New Zealand)	<u>Chair: Mira Robin</u> The evidence of shape: Contoured seating for children (Intermediate) Sheila Buck (Canada)	<u>Chair: Niamh Cronin</u> Adaptive sports equipment: Practicality vs reality (Beginner) Dr Carina Siracusa, Dr Adrea Stump, Jeremy Finton, Brad Burns (United States)	<u>Chair: Rory Cooper</u> The concept of driving in the midline and how to facilitate learning of competences for power wheelchair driving (Advanced) João Aires (Portugal)
19.00	CONFERENCE DINNER TRINITY COLLEGE DINING HALL						

FRIDAY 15 JUNE 2018 ESS DAY 3

BURKE THEATRE

09.00-11.00 **PLENARY 3** | Transitioning into young adulthood and beyond, the impact of aging on people with a disability
Chair: Simon Hall

09.00-09.30 Aging with a Disability: Research and Clinical Aspects
Susan Taylor (United States)

09.30-10.00 Conserve to Preserve: Applying Lessons Learned from those Aging with a Disability
Jean Minkel (United States)

10.00-10.30 Chronic Pain Management: Past, Present and Future
Dr Conor Hearty (Ireland)

10.30-11.00 A Yes Equality Campaign for Disability: A Parent/Carer's Perspective
Dr Tom Clonan (Ireland)

11.00-12.00 COFFEE BREAK & EXHIBITION

12.00-13.00 **PARALLEL SESSIONS: CLINICAL PRESENTATIONS AND RESEARCH PAPER PRESENTATIONS**

BURKE THEATRE	J.M. SYNGE THEATRE	DAVIS THEATRE	EMMET THEATRE	UI CHADHAIN THEATRE	SWIFT THEATRE	CLASSROOM 4050B
Session Title	Activity & Participation	Innovations in Technological Advances	Wheelchair Services	Safety Issues	Outcome Measures	

	Chair: Cathy Byrne Positive impact of the ride-on toy car for children with disabilities Dr Ana Allegretti (United States) "We can play a sport even in a wheelchair": Exploration of wheelchair confidence in youth wheelchair sports participation Dr Paula Rushton, Dr Krista Best (Canada) Pain in children with Spinal Muscular Atrophy Type II Grainne Nic Fhirleinn (Ireland)	Chair: Jeff Morris Relieve or be relieved: Intelligent cushion concept for pressure ulcer prevention Uwe Schonhardt (Switzerland) Design, technology, material characterizations of two new postural seats addresses to spinal cord injury subjects: from the Idea to Product...Research, experimentation and validation Rosaria E. Caforio (Italy) Modular large scale 3D printing in assistive technology: An alternative approach Dr Peter Knief (Germany) "Custom contoured seating is hardly adjustable". Who said that? Exploring innovative custom solutions to address clients with destructive body shapes Joana Santiago (Australia)	Chair: Siobhan Long Restructuring wheelchair and seating service provision to a paediatric population with complex postural and cognitive disabilities Irina Jackson (Ireland) Night time postural management: A service review Nessa Hickey, Eleanor Corcoran (Ireland) The assistive technology passport: A key to delivering person centred, sustainable AT services Siobhan Long (Ireland) Achieving systemic change to deliver more cohesive assistive technology services nationally: What? How? Who? Siobhan Long (Ireland)	Chair: John Tiernan Adverse incident investigation: What is really going on out there? Dr Peter Greene (United Kingdom) Configuring center of gravity for powered wheelchair users John Colvin (United Kingdom)	Chair: Mark Schmeler The wheelchair Use confidence scale: Italian translation, adaptation, and validation of the short form Anna Berardi (Italy) Cross-cultural adaptation and validation of the "Spinal Cord Injury-Falls Concern Scale" in the Italian population Dr Maria Auxiliadora Marquez (Italy) Reliability and Validity of Quebec User Evaluation of Satisfaction with Assistive Technology Italian Version 2.0 (QUEST-I 2.0) with mobility-related assistive technology device (MRATD) users Dr Mariele Colucci (Italy)	
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13.00-14.00 LUNCH & EXHIBITOR PRESENTATIONS

Sunrise Medical Jay TC back; when a back can help to regulate the body temperature	MMS Medical Speciality Controls - How to select the correct controls for your powerchair.	Invacare Promoting optimal seated position for occupational performance – Two active users case studies
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14.00-15.00 WORKSHOPS

Chair: Marie Codd How to use the Posture and Postural Ability Scale in clinical settings (Advanced) Dr Elisabet Rodby Bousquet (Sweden), Guðný Jónsdóttir (Iceland)	Chair: Catherine Durcan Choosing a Cushion: Should we be looking at the pelvic floor? (Intermediate) Dr Carina Siracusa (United States)	Chair: Niamh Cronin Bumps in the road: Considering the effects of vibration on power wheelchair users (Intermediate) Kathy Fisher (Canada)	Chair: Ciara Fitzsimons A 4-step procedure to customise mobilizing tetraplegic and locked in patients (Intermediate) Diane Vlastuin-Hazeleger (Netherlands)	Chair: Nicola Taylor Custom seating and positioning considerations for early intervention (Beginner) Dr Christine Hamstra (United States)	Chair: Kevin Tallon COMIT Collaboration on Mobility Training: A multi-site randomized research project on wheelchair skills and maintenance (Intermediate) Dr Jessica Presperin Pedersen, Mary Shea (United States), Dr R. Lee Kirby (Canada)	Chair: Linda Reen Wheelchair cushions -The science behind the clinical choices (Intermediate) Thomas Whelan (United States)
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15.00-15.15 COFFEE BREAK & EXHIBITION

15.15-16.15 WORKSHOPS

Chair: Marie Codd Proving what we know (Intermediate) Dr Jessica Presperin Pedersen, Dr Cindy Smith, Stephanie Tanguay (United States)	Chair: Eleanor Corcoran Goldsmith Indices of Body Symmetry (GloBS): Validated outcomes to direct and monitor postural care (Beginner) Liz Goldsmith (UK)	Chair: Mira Robin Small clients, big decisions – Approaches in pediatric seating (Intermediate) Stephanie Tanguay (United States)	Chair: Ciara Fitzsimons Center of gravity: What does it really mean? (Intermediate) Tina Roesler (Canada)	Chair: Kevin Tallon Custom fabrication, intermediate repairs & low volume production via 3D printing technologies (Intermediate) Richard Pasillas (United States)	Chair: Lorna Tasker "Outcomes the data" Incorporating the FMA into clinical practice assessment & CRT service delivery (Intermediate) Elaine Toskos (United States)	Chair: Linda Reen Head position, the key for active sitting in practice (Intermediate) Wouter Hoppenbrouwer (Netherlands)
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