

30-31 May 2018

Claremont Showground, WA

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Opening hours:

30 May 9:00am-4:00pm

31 May 9:00am-3:15pm









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Media Partner



Wednesday 30 May 2018

	ROOM 1	ROOM 2
9:15am – 10:00am	<p>Make my home accessible... yesterday Tracee-lee Maginnity, Astris Lifecare</p> 	<p>Equipping intimacy: A beginner's guide Narelle Higson, Outside the Square OT Solutions</p> 
10:45am – 11:15am	<p>Complex wheelchair mobility - Prescription and demonstration Sandra Malkin, Rehabilitation Engineering Clinic - Fiona Stanley Hospital</p> 	<p>Thrive not just survive: the Robert Barr story Robert Barr and Narelle Higson, Outside the Square OT Solutions</p> 
11:45am – 12:15pm	<p>Making Choices Finding Solutions consumer resource Kelly McAuliffe, Independent Living Centre WA</p> 	<p>AT Chat - A co-designed capacity building project improving choice around Assistive Technology Danielle Loizou-Lake, Independent Living Centre WA</p> 
1:15pm – 2:00pm	<p>Pressure care and prevention of shoulder injuries - lived lessons Malcolm Turnbull, Permobil</p> 	<p>Power wheelchair development and innovation Amy Bjornson, Sunrise Medical</p> 
2:30pm – 3:00pm	<p>The right fit - the best wheelchair in the world can be the worst one if not correctly fitted to the user Brenton Swain, Invacare Corporation</p> 	<p>Communication technologies of now Tanith Brien and Emma McKinley, Independent Living Centre WA</p> 
3:15pm – 4:00pm	<p>Wheelchair assessment for patients with Duchenne Muscular Dystrophy Raimond Mooij, AC Mobility - Meyra Germany</p> 	<p>An in-depth case study linking the seating assessment and the lying assessment Bas Jansen, Dept of Communities - Disability Services</p> 

Thursday 31 May 2018

	ROOM 1	ROOM 2
9:15am – 10:00am	<p>Improving the participant and provider experience of capital supports under the NDIS <i>Lloyd Walker, NDIS</i></p>	<p>MyTech: The Future and Reality of Technology in the Home <i>Lauren Farrell, Independent Living Centre WA</i></p> 
10:45am – 11:15am	<p>Act local think global: lessons from international best practice <i>Rachael Schmidt, Schmidt Consulting & Sally Hunter</i></p> 	<p>Tell me how you sleep. I will predict how you sit! A 24h postural management approach <i>Joana Santiago, Medifab</i></p> 
11:45am – 12:30pm	<p>Creating sound foundations promoting a life of good posture for your paediatric client <i>Amy Bjornson, Sunrise Medical</i></p>    	<p>Learning through moving: Paediatric mobility <i>Magdalena Love, Permobil</i></p>    
1:30pm – 2:15pm	<p>Prevention is better than cure! Exploring postural care and body shape distortion in young children with physical disability <i>Denise Luscombe, Dept of Communities</i></p>   	<p>The sky is the limit <i>Christopher and Garry Hills, Switched-On Video Editing</i></p>    
2:45pm – 3:15pm	<p>WORKSHOP: Home automation and Independent Living <i>Garry and Christopher Hill, Switched-On Video Editing</i></p>	
2:45pm – 3:15pm	<p>Transforming a functional wheelchair into something truly amazing <i>Samuel Baker, Ottobock</i></p>   	<p>Vehicle wheelchair access transport and safety <i>Amin Akbarian, Mobility Engineering</i></p>   

Conference Program Key:



Clinical



Paediatric



Consumers and Families (including parents/carers)



Aged Care



Technology (application/developments/the future)

Wednesday 30 May 2018

ROOM 1



9:15am - 10:00am

Make my home accessible... yesterday



Tracee-lee Maginnity, Astris Lifecare



Independent access in the home often requires significant permanent and costly structural changes.

Are there alternatives? Not everyone wants to change their home, what if you're renting and need to change residence in near future, what if you're waiting for funding or construction to commence, what if you share your time between multiple residences? What other options could you consider? This workshop looks at some of the interim and alternative options to make your bathroom accessible and to maximise independence in a non-modified bathroom. This workshop looks at a variety of assistive technology solutions and considerations for their use, from basic bathboards to slider commode systems. Short term and long term potential solutions will be discussed from a client centred and cost effective approach.



10:45am - 11:15am

Complex wheelchair mobility - Prescription and demonstration



Sandra Malkin, Rehabilitation Engineering Clinic - Fiona Stanley Hospital



Speciality input devices such as chin operated joystick and head switches enable those with significant physical limitations to operate assistive devices such as power wheelchairs, augmentative communication devices and environmental controls.



The Rehabilitation Engineering Clinic is a collaborative team consisting of Clinicians, Rehabilitation Engineers and lateral thinking technicians of varied backgrounds and has been a pioneer in designing and developing custom assistive and mobility products for over 35 years in WA.

This session outlines clinical factors that need to be considered when setting up this complex technology and demonstrates some of the systems that the Rehabilitation Engineering Clinic has been instrumental in developing.



11:45am - 12:15pm

Making Choices Finding Solutions consumer resource

Kelly McAuliffe, Independent Living Centre WA

This session will discuss the development of the 'Making Choices, Finding Solutions' guide and its application, with particular focus on its aim to build the capacity of consumers, particularly older adults, to identify simple solutions to common frustrations. The guide uses simple, non-medical language to explore simple assistive technology and basic home modification solutions available in local stores and online. It also offers a range of useful tips, advice and lifestyle changes, often used by occupational therapists to help individuals better manage everyday tasks and common frustrations.

The session will explore the guide and how it may support a person to identify their own solutions, and when it would be appropriate to involve the support of an allied health professional.



1:15pm – 2:00pm

Pressure care and prevention of shoulder injuries - lived lessons



Malcolm Turnbull, Permobil

In 1980 Mal's life changed forever as a result of a motor vehicle accident. At the age of 19 the reality of pressure injury as a spinal cord injured person came into sharp focus. 37 years later skin integrity is even more of a priority as the wear and tear on shoulders impacts on functional ability. This talk is about how the research and science that continues to evolve regarding pressure and shoulder injuries has been applied for the long haul of life with a spinal cord injury. It will draw on personal experiences, observed experiences and the vital link between research, best practice and the application in real life.



2:30pm – 3:00pm

The right fit - the best wheelchair in the world can be the worst one if not correctly fitted to the user

Brenton Swain, Invacare Corporation



3:15pm – 4:00pm

Wheelchair - Assessment for patients with Duchenne Muscular Dystrophy



Harald Sieweke, AC Mobility - Meyra Germany

The seminar describes the timeline of children suffering from Duchenne. In the presentation, we use this timeline to highlight the most important and severe functional limitations to project it to complex e-power-wheelchair assessments that provide optimal disability compensation.

ROOM 2



10:45am – 11:15am

Equipping intimacy: A beginner's guide



Narelle Higson, Outside the Square OT Solutions



Many people experience challenges related to sexual expression as a result of living with disability/health conditions or the treatment for those conditions. For some, issues such as fatigue, pain and movement limitations impact on the ability to participate as preferred in intimate activities. This light-hearted and informative presentation will outline a range of assistive technology from the commonplace to the more unusual - which may be useful to support sexual expression and intimacy, both inside the bedroom and out. Strategies to assist with problem solving solutions to common challenges will also be discussed.



9:15am – 10:00am

Thrive not just survive: the Robert Barr story



Robert Barr and Narelle Higson, Outside the Square OT Solutions

It's 1969 - and the course of 21yo Victorian forestry worker Robert Barr's life is changed forever in the time it takes a falling tree to totally crush the cab of the bulldozer he is driving, resulting not only in a spinal injury, but full thickness burns and multiple upper limb amputations.

Fast forward to 2018: Robert lives independently with a small self-selected team of support workers, engages actively in his local community of Fremantle and most certainly lives life his way.

In this interview style presentation, Robert will share his personal story: the discoveries and insights gained in the course of facing the obstacles and challenges thrown in his path as years have passed. Robert's approach to life and willingness to share his journey and encourage others will enlighten not only those facing their own challenges, but all those who love and support them.



11:45am - 12:15pm

AT Chat - A co-designed capacity building project improving choice around Assistive Technology



Danielle Loizou-Lake, Independent Living Centre WA



Danielle Loizou-Lake (AT Chat project team leader) will explain how in an Australian first, a team of people with disability are changing the way information, advice and support is created and shared around Assistive Technology (AT) in a capacity building initiative by the Independent Living Centre WA (ILC) called AT Chat, which is funded by the Disability Services Commission. Following its successful launch in 2017, this innovative online AT community hub delivers multimedia information connecting people living with disability to assist them to make choices around AT solutions. Danielle will share the co-design framework that this peer developed project undertook engaging an extensive consultation with over 300 West Australians with disability. The outcomes of this consultation allowed AT Chat to better understand the frustrations and barriers around accessing AT information and how people would like to see AT information communicated. Using this feedback AT Chat has been working to break down barriers and improve how people access information about AT (aids and equipment) using practical and engaging real life examples.

The AT Chat Facebook page (@atchatwithus) releases user led video content based on what people wanted to know. Regular stories and information encourage other people with disability to see what is available for them to consider in a fun and contemporary style. This is supported by Chatterbox, a Facebook group to share knowledge and experience about AT and is supported by ILC health professionals.



1:15pm - 2:00pm

Power wheelchair development and innovation



Amy Bjornson, Sunrise Medical



Power wheelchairs have rapidly evolved in recent years. Just a decade ago, we had few choices when choosing a power wheelchair. Now, choices are nearly overwhelming. Different base types offer clients choice in terrain navigation, drivability and accessibility. Wheelchair electronics offer cutting edge technology - focused on increasing comfort, overall health and independence of clients. New options in power seat functions, how clients interact with the wheelchair and how power wheelchairs can integrate with everyday technology can provide enhanced functionality for our clients. This workshop will investigate these options, discuss what the technology offers and any special considerations to recommendations. We'll also look at technology utilization, identify barriers to usage and finally, develop a strategy for providing recommendations that meet client goals.



2:30pm - 3:00pm



Communication technologies of now



Tanith Brien and Emma McKinley, Independent Living Centre WA



Over the past 10 years much has changed in the world of Assistive Technology and in particular the area of communication technologies including Augmentative and Alternative Communication systems (AAC). With the introduction of tablet and smart phone technologies such as iPads and iPhones the options for people with complex communication needs has rapidly increased. We have moved from large, heavy devices to those that can be put in your pocket! We now have eye gaze technologies that allows someone to control a whole computer with their eyes! The way we communicate as a community has also changed going beyond face to face communication to communicating via text message, email and social media. New communication technologies have opened the world to everyone both with and without disabilities.



3:15pm - 4:00pm



An in-depth case study linking the seating assessment and the lying assessment



Bas Jansen, Dept of Communities - Disability Services



A person's lying posture can have a distorting affect on their body shape and structure. This is particularly relevant to people with mobility impairment. Their reduced ability to effectively change position when lying in bed appears to be directly related to the development of destructive changes in body shape and has an impact on health, function and quality of life. It appears that the interrelationship between position/posture, mobility and gravity determine body shape. The destructive position adopted in unsupported lying is always reflected in the seating position. This relationship will be explored in depth with a case study of a 27 year old woman with severe body shape distortions.

Participants will become aware that protection of body shape is most effective when done in lying and sitting (standing if possible) over a 24-hour period. Postural care is always gentle and respectful and family/ person led to be successful. Postural care adheres firmly to the principle of *Primum non nocere*, first do no harm. This means that effective postural care might not be possible for all but should be explored for people considered at risk of, or already have established body shape distortions. It is recognised that more research is required in this area. The session will:

- Explain how her posture has distorted
- Discuss how her lying posture relates to sitting
- Provide a summary of the seating assessment (5)
- Provide a summary of the lying assessment including the Goldsmith Indices of Body Symmetry (GloBS) (6)
- Explain how these assessments finding related to her 24-hour positioning plan in lying and sitting.

Thursday 31 May 2018

ROOM 1

9:15am - 10:00am

Improving the participant and provider experience of capital supports under the NDIS

Lloyd Walker, NDIS

The National Disability Insurance Scheme (NDIS) has been rolling out across Australia since July 2016. The high demand for assistive technology by participants has stretched the National Disability Insurance Agency's (NDIA) systems and processes in place to make decisions about reasonable and necessary funding. The NDIA is currently developing improved ways to prepare and approve plans for participants that will help to streamline these processes for AT and home modification supports, and reduce the administrative burden on participants and providers. This presentation will explain these changes for the AT sector.



10:45am - 11:15am

Act local think global: lessons from international best practice

Rachael Schmidt, Schmidt Consulting & Sally Hunter

The Australian Rehabilitation and Assistive Technology Association, known as ARATA, is a national peak body including a broad range of assistive technology (AT) stakeholders: e.g. AT users and consumers, AT practitioners from all allied health professions, AT suppliers, vendors, and manufacturers, AT researchers and educators, policymakers and others. ARATA supports and promotes best practice for rehabilitation and AT provision in Australia by:

1. Serving as a peak body and national forum for rehabilitation and stakeholders;
2. Undertaking, supporting and promoting scientific, literary, professional and educational activities;
3. Promoting active participation of AT users in the community.

Presented by members of ARATA's Board and Community of Practice, this paper discusses the five international position papers from the recent Global Research, Education and Innovation in AT Summit. In our informative presentation we share our practice resources, and strategies used to argue for excellence in person-centred AT policy in Australia. This includes items such as ARATA's Statement on AT Practice, plus 'Issues Papers' such as funding outline & principles, and partnership with newly formed National Assistive Technology Alliance (now known as NATA) plus some specific 'member only resources'.



11:45pm - 12:30pm

Creating sound foundations promoting a life of good posture for your paediatric client



Amy Bjornson, Sunrise Medical



The early stages of a child's development are critical in many ways. It's a time of motoric, cognitive and social development which ultimately shapes the adult. The research is definitive: mobility and inclusion helps drive all development. Well prescribed seating systems and mobility devices improve client outcomes significantly by promoting motoric development and improving function, reducing fatigue, helping concentration and, ultimately, improving inclusion and participation.

This session will discuss equipment selection rationale and options available. We'll look specifically at equipment strategies to manage tone, poor head control, and excessive movement patterns. We will stimulate thought and exploration with case studies.



1:30pm - 2:15pm

Prevention is better than cure! Exploring postural care and body shape distortion in young children with physical disability



Denise Luscombe, Dept of Communities



Body shape distortions continue to be a significant area of concern when working with children and adults with physical disability. Although the quality and diversity of intervention strategies and assistive technology has improved significantly, we continue to see the development of body shape distortions in this population. This presentation will utilise a case study format to highlight the principles of postural care, and key areas to analyse in regards to preventing body shape distortions in young children (with a particular focus on the pelvis, hips and chest). Importantly, it will provide the clinician with a framework for putting the knowledge presented into clinical practice immediately.



2:45pm - 3:15pm

Transforming a functional wheelchair into something truly amazing



Samuel Baker, Ottobock



Successfully scripting a customised wheelchair can be something of an art form, but it's critical for achieving the best outcome for your client. Using live and pre-recorded equipment demonstrations we will review the functional, social, and aesthetic impacts of different chair configurations.

We will discuss the finer points of front frame angles, seat dump, taper, back height, wheel camber, push rims, material choice, tips for weight reduction, variations for sports, and much more. Understanding these aspects and their effects will allow you to transform a functional chair into something truly amazing.

WORKSHOP

2.45pm-3.15pm

WORKSHOP: Home automation and Independent Living

Garry and Christopher Hill, Switched-On Video Editing

Christopher and Garry will explain and demonstrate the exciting developments in Home Automation focussing on Apple Home Kit, which provide people with a wide range of abilities and disabilities growing opportunities to live safely, securely and independently at home. This will be a hands-on learning experience with various Homekit-enabled appliances and devices available to play with. Check www.atsaindependentlivingexpo.com.au for time.

ROOM 2



9:15am - 10:00am

MyTech: The Future and Reality of Technology in the Home

Lauren Farrell, Independent Living Centre WA

Technology is everywhere. Touchable, visible, physical, aural, in the air and in the cloud. It is on our wrists, in our cars, pockets, workplaces and increasingly in our homes. We all use it in different ways and for different reason however all users have at least one thing in common, they want to use technology to give them access to something they couldn't do previously. This presentation will discuss the ways technology is used within the home to generate accessibility for occupants and the benefits of the early adoption of emerging technologies for users of assistive technology.



10:45am - 11:15am

Tell me how you sleep. I will predict how you sit! A 24h postural management approach

Joana Santiago, Medifab

People with neurological or motor impairment are at high risk of developing postural deformities. If they are routinely placed in asymmetrical positions that they are unable to move out of, they become uncomfortable and stiff and the body eventually becomes fixed in asymmetric postures. Not only awareness, but analysis of habitual postures throughout the day and night is essential in order to understand the sitting postures of persons with motor impairments of all ages. An experienced eye will often note similarities between sitting and supine postures. Once the power of gravity on the human body is understood, it becomes clear that intervention in their 24h activities is necessary. In fact, it could be argued that successful, sustainable wheelchair seating outcomes over the long term cannot be achieved unless positioning outside the wheelchair is understood and appropriately addressed.



11:45am - 12:30pm

Learning through moving: Paediatric mobility



Magdalena Love, Permobil



Motor skills develop rapidly during a child's first three years of life, and they provide a means for exploration of the environment and socialisation with others. For children with neuromuscular or musculoskeletal impairments, an inability to move independently limits exploration that is vital for development. Power mobility devices may be necessary to allow children to move independently within their environment. However, power wheelchairs are often viewed as a last resort. This session will look at the current evidence behind mobility interventions for young children. Particular emphasis will be put on how utilising powered mobility early in life can improve exploration, socialisation, and development. Additionally, this session will review low tech and high tech options for using powered mobility within a child-friendly context.



1:30pm - 2:15pm

The Sky Is The Limit



Christopher and Garry Hills, Switched-On Video Editing



Christopher and Garry will describe and demonstrate how their journey with cerebral palsy has been impacted by technology. Using videos and live demonstrations, Christopher will show how he runs a business; produces, shoots and edits video; communicates with his global network of friends and colleagues; and automates his home for independent living. Garry will share his perspectives and insights gained as Christopher's dad and carer.



2:45pm - 3:15pm

Vehicle wheelchair access transport and safety



Amin Akbarian, Mobility Engineering



Within the Australian Mobility industry there is a significant lack of information and a lot of confusion around the available options to safely transport a wheelchair occupant inside of a vehicle. This presentation will reduce the confusion by detailing all currently available forms of wheelchair occupant transport and best practice guidelines around using those options, including transferring the occupant in and out of the vehicle. A lot of considerations go into wheelchair transport within vehicles to ensure that the wheelchair occupant's position is safe for travel, we will cover everything from vehicle selection and purchase, relevant laws, regulations and liabilities, identifying the passenger's needs and transporting them in a safe and suitable manner.



CONFIRMED EXHIBITORS

Showcasing products and services designed to get more out of life include:

- Ability Centre
- AC Mobility
- Access Health
- AccessComm
- Active Adaptive by Splittbacks
- Aidacare
- AILA (Australian Independent Living Aids)
- Apia Insurance
- Automobility
- Blue Badge Insurance
- Bluesky Healthcare
- BPM Australia
- BrightSky Australia
- Canterbury Concepts
- Coloplast
- Country Care Group
- Eden Healthcare Solutions
- Emprise Mobility
- Family Support WA
- Freedom Motors
- Glide Rehabilitation Products
- Gripperz Non Slip Grip Socks
- HMR Healthcare
- HospEquip
- Independent Living Centre WA
- Invacare
- Kevrek Australia
- Liberator Pty
- Liberty Healthcare
- Linak Australia
- Linds Rehabilitation Equipment
- Link AT
- Lodgesons
- Magic Mobility
- Medifab
- Merits Australia
- Mobile Alert
- Motum
- Neuro Rehab Allied Health Network
- NeuroMoves/SCIA
- Ottobock
- Para Mobilty
- Paragon Mobility
- Pelican Manufacturing
- Permobil
- Plega Healthcare
- Postural Innovations
- Pride Mobility
- Quantum Rehab
- Quingo Pacific
- Shoprider Australia
- Simply Helping
- SlingSpector/Arizon Healthcare
- Specialised Wheelchair Company
- Spinal Life Australia
- Sun Medical Equipment
- Sunrise Medical
- Surgical House
- TabTimer
- TADWA (Technology Assisting Disability WA)
- The Rehabilitation Centre
- Unicare Health
- Vision Australia
- Wellspect Healthcare
- WILA-Innovations Pty Ltd



HOW TO GET THERE

Silver Jubilee Pavilion, Claremont Showground

ARRIVING BY CAR

Enter through GATE 5 off Graylands Road. Claremont Showground offers on ground parking. ACROD parking is available outside the venue along Graylands Road and at Ashton Triangle.

Parking:

There is also further parking available nearby at:

- Claremont Aquatic Centre (Davies Road)
- Claremont Golf Course Carpark (entry via Lapsley Road)
- Claremont Oval (entry via Shenton Road)
- Rowe Park (corner Langsford & Guger Street)

ARRIVING BY TRAIN

During the 2 event days, the train will stop at the Showground Station. ATSA will be running a FREE internal shuttle between the Showground Station and Silver Jubilee Pavilion from 8.30am each morning, running every 30 minutes. Alternatively, the pavilion is a short stroll from the station.

ARRIVING BY BUS

Bus numbers 23, 24, 25, 27, 28, 98/99 (circle route), 102, 103 and 107 all stop close by.

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Visit www.atsaindependentlivingexpo.com.au and register online



Phone 1300 789 845

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Organised By

Interpoint Events Pty Ltd in conjunction with
ATSA Assistive Technology Suppliers Australasia.

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