



DAILY LIVING EXPO

Australia's foremost Exhibition for Rehabilitation and Aged Care Equipment

16th - 17th May 2012

Caulfield Racecourse Grandstand,
Concourse Level, Melbourne

FREE ENTRY

FREE Dynamic Clinical Program

More than 50 exhibiting companies

SECOND time held in Melbourne

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Easy public transport access

Opening hours 9am - 4pm both days

To attend clinical programs you must register to secure a seat

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PRIZE POOL FOR THERAPISTS

Pre register and attend Daily Living Expo and go into the draw to win a prize pack of products for your facility – and also a \$500 gift card for yourself.*

*Winner will be notified by phone and mail and will be published in The Australian 26 May 2012.



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Assistive Technology Suppliers Australasia

CLINICAL EDUCATION PROGRAM

WEDNESDAY 16TH MAY 2012

ROOM 1	ROOM 2	ROOM 3
9:15am - 10:15am Dynamic Seating - Stable not Static <i>Allen Seikman, Allen Seikman Consulting</i>	9:15am - 10:15am Managing Parkinson's - Symptoms & Strategies, Treatments & Tips <i>Catherine Watson, Parkinson's Victoria</i>	9:15am - 10:15am Internet-based Cognitive Therapy in Outpatient Settings: An Overview <i>Frank Schultz, CEO, Hasomed Germany</i>
11:00am - 12:00pm Pressure Care Considerations: Natural Movement, Protection & Dignity <i>Annette Curry, Novis Healthcare</i>	11:00am - 12:00pm Rethinking Sitting - Creating Wheeled Seating and Mobility Solutions <i>Lois Brown, Rehab Clinical Education Specialist, Invacare USA</i>	11:00am - 12:00pm Sex, Lies & Assistive Technology: What's your Position? <i>Narelle Higson, OT, MS Society of WA</i>
1:00pm - 1:45pm Pressure Imaging as a Clinical Tool <i>Mal Turnbull, Managing Director, Seating Dynamics</i>	1:00pm - 1:45pm iPortal - Connecting your Power Wheelchair to Apple Devices <i>Mark Hewett, Dynamic Controls NZ</i>	1:00pm - 1:45pm Why Stand? <i>Jacinta Maurin, Physiotherapist, Otto Bock</i>
2:15pm - 2:45pm On the Move - Mobility Options for Kids on the go <i>Jane Crowle, Physiotherapist, Dejay Medical</i>	2:15pm - 2:45pm Rehabilitation to Recreation - Professional Development for Health Professionals <i>Sean Corcoran, Program Coordinator, Disability Sport and Recreation</i>	2:15pm - 2:45pm Assistive Robotics Research and People with a Disability <i>John Le Breton, CEO, Greystanes Disability Services</i>
3:15pm - 4:15pm Selecting the Appropriate Seat Cushion - How much do we consider the science? <i>Amy Bjornson, Clinical Education Manager, Sunrise Medical</i>	3:15pm - 4:15pm Prescribing a Power Chair from the Ground Up <i>Owen Dawes, Permobil</i>	3:15pm - 4:15pm Key Changes in Australian Standards Effecting Wheeled Mobility <i>Lloyd Walker, Director, Tech4Life</i>

THURSDAY 17TH MAY 2012

9:15am - 10:15am 24 Hour Positioning - Transferring Seating Goals from Wheelchair to Bedroom & Beyond <i>Sally Wallace, Health Projects Ltd</i>	9:15am - 10:15am Rethinking Sitting - Creating Wheeled Seating and Mobility Solutions <i>Lois Brown, Rehab Clinical Education Specialist, Invacare USA</i>	9:15am - 10:15am Hearing Loss Management <i>Steve McKean, Speech Pathologist, Victorian Deaf Society</i>
11:00am - 12:00pm Enhancing Functional Outcomes with Improved Positioning & Support <i>Patrick Meeker, Sr. Director Global Sales, The ROHO Group USA</i>	11:00am - 12:00pm Taking Control of Special Controls <i>Florian Jaekel, Product Specialist, Otto Bock</i>	11:00am - 12:00pm Sex, Lies & Assistive Technology: What's your Position? <i>Narelle Higson, OT, MS Society of WA</i>
1:00pm - 2:00pm Dynamic Seating - Controlling the Pelvis in Wheelchair Seating <i>Allen Seikman, Allen Seikman Consulting</i>	1:00pm - 2:00pm Why hasn't this Equipment Worked? <i>Andrea Salmon & Neti Caird, MS Australia</i>	1:00pm - 2:00pm Selecting the Appropriate Head Support - Where do we start? <i>Amy Bjornson, Clinical Education Manager, Sunrise Medical</i>
2:45pm - 3:30pm Special Seating - Options, Prescription & Processes <i>Andrew Harborne, Case Specialist, Aidacare</i>	2:45pm - 3:15pm What's Happening Under the Covers - Assessment & Management of Bed Positioning <i>Steve Wollard, Neurological Physiotherapist, Postural Innovation</i>	2:45pm - 3:45pm Providing a Safe Area for Playing, Resting or Chill Out at Home, School or Respite Care <i>Lawrence Fok, Manager Rehab, FAS Equipment</i>

Remember Daily Living Expo is **FREE** to attend! With more than 50 exhibitors:

Acorn Stairlifts, Aidacare, Automobility, Broda Seating, Country Care Rehab, Dejay Medical, Disability Sport & Recreation VIC, Doability, Durable Medical Equipment, Dynamic Controls, eEquipment4Life, Endeavour Industries, Errine Adaptive Clothing, ETAC, FAS Therapeutic Equipment, Fisher Lane Mobility, Freedom Motors Australia, Galway Trading, Geelong Wheelchair Service, GMS Rehabilitation, Healthcare Innovations Australia, INS Lifeguard, Invacare, LIFTWORX Australia, Magic Mobility, Mobility Aids, Mobility Plus Wheelchairs, MPS - Megalong Positioning Services, Novis Healthcare, Otto Bock, Para Mobility, Paragon Mobility, Patient Handling, Permobil Australia, Postural Innovations, Pride Mobility, Scooter World Australia, Seating Dynamics, Sunrise Medical, TabTimer – Reminders, Victorian Home Health Equipment and Walk on Wheels NSW. Exhibitor list current as at 20th March 2012. For up to date details visit www.dailylivingexpo.com.au



24 Hour Positioning - Transferring Seating Goals from Wheelchair to Bedroom & Beyond *Sally Wallace, Health Projects Ltd*

As therapists we are always looking to prevent, correct, and/or accommodate in the wheelchair for functional mobility, prevention of pressure sores and comfort. But what happens to the person when they are out of the wheelchair from anywhere between 8 and 20 hours of the day? Does the client's positioning matter then? YES IT DOES! Are we preventing contractures or non functional positions outside of the wheelchair? Are we correcting current flexible contractures or bad body posture outside of the wheelchair? Are we accommodating and supporting fixed contractures in the bed, on the floor, in the recliner? Or are these areas which are used by ALL clients for large periods of time during the day and night not addressed as part of functional, comfortable and safe positioning. This session will look at transferring the work done with the client, family and carers in the wheelchair to the bed. The techniques and equipment shown can also be transferred to the recliner, on the floor, on the couch, at school or at a grandparent's home. We will look at ways to address windsweeping, external rotation of the femurs at the pelvis (frogging), shortened hamstring, tight adductors, hip and knee flexion problems outside of the wheelchair.

Assistive Robotics Research and People with a Disability

John Le Breton, CEO, Greystanes Disability Services

This presentation will describe the goals of a partnership between a leading university based robotics research facility and a non-government organisation providing services and assistive technology to people with disabilities. Examples of innovative research being undertaken in applying robotics in the assistive technology field to support people with disabilities and frail aged people will be highlighted. In addition, the role of the non-government organisation in relation to this research will be described as well as its involvement in the manufacture of assistive technology for people with disabilities and the elderly.



Dynamic Seating - Controlling the Pelvis in Wheelchair Seating *Allen Seikman, Allen Seikman Consulting*

In this session, participants are presented with an in depth examination of methods and equipment used to control pelvic position and improve stability and function in wheelchair seating. After a review of the biomechanics of the pelvis, the following topics are discussed: pelvic control, controlling pelvic tilt, obliquity and rotation, and the use and application of postural supports for pelvic control. Positioning the pelvis in wheelchair seating is a key component to successful management of the seated posture and the functional abilities of the person using the wheelchair. The purpose of this course is to provide practitioners with a thorough understanding of the many factors that effect pelvic stability. At the end of the course participants will understand the biomechanics of the pelvis when seated, forces that effect pelvic stability and function and will review methods and equipment used to control and assist pelvic positioning.



Dynamic Seating - Stable not Static *Allen Seikman, Allen Seikman Consulting*

Providing controlled natural movement to the wheelchair rider is an often overlooked component in seating. Allowing functional movement improves posture, mobility and functional activities of daily living. The critical skill is maintaining posture while allowing or restoring natural postural movement while at the same time maintaining comfort and stability. In this presentation, the concept of allowing functional movement within the seating system will be addressed. Principles and examples of the clinical application of seating that allows and yet controls movement will be discussed. This will include an overview of clinical research and examples of methods and equipment that will allow improvements in functional movement while maintaining stability and comfort. Normal seating is not a static activity. Consider the movements that we all do while in a seated position and how limited we would be if we were all held into a static position while seated. Positioning the pelvis in wheelchair seating is a key component to successful management of the seated posture and the functional abilities of the person using the wheelchair. This course will provide an understanding of the many factors that effect pelvic stability and the biomechanics of the pelvis when seated, forces that effect pelvic stability and function and will review methods and equipment used to control and assist pelvic positioning.



Enhancing Functional Outcomes with Improved Positioning & Support *Patrick Meeker, Director Global Sales, The ROHO Group USA*

This presentation will review key features for wheelchair seating for improved performance. Many factors are intertwined to enhance a user's activities and ability to interact with their environment. Some evaluation items and modifications will be reviewed. Special emphasis on positioning and pressure care for diminishing long-term complications and enhancing quality of life.

Hearing Loss Management *Steve McKean, Speech Pathologist, Victorian Deaf Society*

As Australia's population ages, and therefore the incidence of hearing loss continues to rise, the emphases on appropriately identifying and treating hearing loss is more important than ever before. Optimal intervention is the key in maintaining emotional, mental and social well-being. This presentation will provide an overview of services available for hard of hearing adults through Vicdeaf and hearservice, highlighting how they operate in conjunction with other hearing service providers.



Internet-based Cognitive Therapy in Outpatient Settings: An overview *Frank Schultz, CEO, Hasomed Germany*

RehaCom is a computerised system for cognitive rehabilitation. In Europe it is the most common software to treat the patients with cognitive deficits in rehab centres. Many studies show the effectiveness of cognitive training, some will be presented. This presentation will focus on how internet technology is being used to deliver cognitive therapy to brain injured patients in neuropsychological outpatient settings. A short example of clinical work will be shown, how this type of system can be integrated into rehabilitation interventions in a neuropsychological private practice.



iPortal - Connecting your Power Wheelchair to Apple Devices *Mark Hewett, Dynamic Controls NZ*

Dynamic controls iPortal – better access for powerchair users to advanced consumer or specialist technologies. There are many applications available for the Apple iTouch, iPhone and iPad which are designed specifically to benefit people with disabilities. Using iPortal, dynamic controls offers freedom of access to this technology including options for direct control of Apple devices directly from your powerchair controller.

Key Changes in Australian Standards Effecting Wheeled Mobility

Lloyd Walker, Director, Tech4Life

AS3695.1 (Product Requirements - Manual Wheelchairs) was released in Dec 2011. This is the most significant change to Australian standards with regard to wheelchairs since 1992. This presentation will help attendees understand the rationale behind the Australian standards relating to wheelchairs and particular key changes in this new standard of relevance to users, prescribers and suppliers. It will also seek to give some insight into equivalences to European requirements and future plans for standards change (directly affecting wheelchairs) in Australia.

Managing Parkinson's - Symptoms & Strategies, Treatments & Tips *Catherine Watson, Parkinson's Victoria*

Over 80,000 Australian live with Parkinson's and still it remains a poorly understood condition. While there is still no known cure, understanding symptoms, treatments and utilising key curing strategies can greatly improve movement and overall quality of life. This presentation will provide an overview of Parkinson's symptoms and current treatments as well as provide practical ideas on aids and strategies which can be used by practitioners to support people living with Parkinson's and their families.

On the Move - Mobility Options for Kids on the go

Jane Crowle, Physiotherapist, Dejay Medical

Children who are diagnosed with a physical disability may not have the ability to move and explore their surroundings, particularly indoors where they can spend up to 80% of their time. This presentation looks at how a child interacts with their environment, and how this interaction can be affected for a child with a disability. We will review some strategies to assist this interaction to develop and outline some of the benefits which can be gained from interaction. We will also explore various mobility options available, and decipher how to choose the most appropriate for your client.

Pressure Care Considerations: Natural Movement, Protection & Dignity *Annette Curry, Novis Healthcare*

The clinical session consists of a presentation that covers the statistics, physiology, risk factors and management principles of movement and pressure related injuries. The slide presentation is supported by a demonstration of various movement principles and manual handling aids.

Pressure Imaging as a Clinical Tool

Mal Turnbull, Managing Director, Seating Dynamics

An overview of Pressure Imaging as used in a clinical setting. The presentation will help identify the appropriate, and inappropriate, use of pressure imaging. It will also include a discussion on the technology, the Xsensor system and the Seating Assessment Guide now in the Xsensor software. The opportunity to ask questions and see the system in use during the presentation.

Prescribing a Power Chair from the Ground Up

Owen Dawes, Permobil

This presentation will explain how each component (base, seat, control system) of a powerchair is put together to form a complete power mobility solution for a client. It will look at the functional differences between drive styles, seating platforms, power seat functions and finally the control system. It will also showcase some unique products and options that may make a remarkable difference to your clients independence and life.

Providing a Safe Area for Playing, Resting or Chill Out at Home, School or Respite Care *Lawrence Fok, Manager Rehab, FAS Equipment*

For a person with behavioral (Autism, Angelman Disease, etc), or physical problems with risk to injuring himself, how can you make sure he is safe in his own room? Banging on walls, hitting furniture, and windows can create noise, damage to property and more importantly can cause himself injury. Wandering at night can disturb sleep for him and the carers. Wandering in school can disturb the others, and also be unsafe. There are many situations that the person will need a resting place so as to play, sleep, chill-out, cool down and recover. Using padded mats, enclosed area etc will help the person to rest safely and peacefully. The person and the carers can have a restful night's sleep. Learning Objective:

1. Through case study to understand the problems and identify the needs.
2. Look at many ways to keep a person safe from injury.
3. Explore what products are available to provide a safe resting area.

Rehabilitation to Recreation - Professional Development for Health Professionals *Sean Corcoran, Program Coordinator, Disability Sport and Recreation*

This session will provide you with the necessary information to better educate and inform inpatients and outpatients about sport, leisure and recreation opportunities available to people with all types of disabilities and impairment including all ages right across Victoria. This opportunity provides health professionals and like-minded organisations knowledge about adaptive equipment, who the key stakeholders are within the disability sector, how to obtain further resources and how to refer clients to DSR, clubs, groups, activities and organisations that will undoubtedly help their overall physical and mental wellbeing. What are the benefits?

- An overview of DSR and AAA programs
- Services provided by DSR, AAA and our partners
- Client referral and referral pathways
- Examples of some opportunities available
- How to access more information
- Who will benefit?
 - People with an impairment or disability
 - Inpatients/outpatients
 - Therapists and allied health professionals
 - Family members and support networks

Rethinking Sitting - Creating Wheeled Seating and Mobility Solutions *Lois Brown, Rehab Clinical Education Specialist, Invacare USA*

Prescribing a "wheeled seating and mobility system" requires a paradigm shift to focus on the true integration of the mobility device and seating components to achieve these outcomes. Determining the optimal balance and stability required for individual consumers can greatly enhance their ability to function. "Getting it right" means matching the consumers' posture, shape and balance to product characteristics. Accurately identifying the positioning and support needs of each consumer and matching those specific needs with seat and back support features can reduce the risk of over-prescription and improve the functional outcome of the mobility system.

This course will promote an interactive learning environment with videotape and picture analysis of consumers with a variety of postural support and mobility needs. Optimal configuration of the seating components in relationship to the mobility device to maximize propulsion and other functional activities will be presented. The application and effect of seat slope, back angle, midline positioning and specific selection of contours and materials of the seat surface will be discussed.

Selecting the Appropriate Seat Cushion - How much do we consider the science? *Amy Bjornson, Clinical Education Manager, Sunrise Medical*

This program will focus on the science behind seat cushions. We will look at the materials used in cushions and how these materials provide pressure distribution, pressure reduction and client postural support. An overview of basic principles of seating, postural deviations and skin issues will assist with the hierarchy of product application. This program is designed for the clinician who would like to be more confident in prescribing seat cushions for their clients.

Sex, Lies & Assistive Technology: What's your position?

Narelle Higson, OT, MS Society of WA

The topics of sexuality, disability and aging are rarely combined and discussed in an open manner. Is it in the best interest of those we care and plan services for to neglect this basic and universal need for intimacy? Should the area of sexuality, disability and aging be a specialist area (that someone else somewhere else will deal with...), or are there steps we can all take to recognise the importance of the sexual needs of our clients and support them in their right to fulfil these needs?

With the aim of stimulating and promoting healthy discussion, this presentation will describe ILC's journey in researching, resourcing and creating its sexuality display and will summarise the gathered information for within Australia and overseas relevant to this area including:

- Why isn't this area discussed?
- Is it really that important after all?
- What resources are available locally and online to support learning in this area?
- What exactly is that thing, why does it make that noise (an is it available in my size?)

You may enter world-weary – be prepared to leave buzzing.

Special Seating - Options, Prescription & Processes

Andrew Harborne, Case Specialist, Aidacare

Off the shelf seating options, available in many forms, meets the need of the majority of our clients. However when the client requires more support than off the shelf seating offers what options are available? Custom moulded seating is complex and relatively expensive. How do we justify its use? How can we reduce the risk of failure? How can we make it something that is utilised not feared?

As a UK trained rehabilitation engineer Andrew has 20 years experience in the fields of custom seating and wheelchair provision. Over the years he has worked with various forms of moulded seating and will present a history of custom and moulded seating, its uses, pros and cons, what is available on the current market, the selection process, the measurement process and its manufacturing. The presentation will offer an insight into scripted seating as well as custom moulds and offer a comparison across the ranges.

Taking Control of Special Controls *Florian Jaekel, Product Specialist, Otto Bock*

It is easy to feel overwhelmed by the range and complexity of specialty controls. The purpose of this presentation is to give participants confidence in the selection and set up of special controls. It will provide an overview of special control options for power chairs, including alternative access for driving, environmental controls and communication. The presentation will include the clinical reasoning behind using specific options.

During the presentation, practical demonstration of setting up chin control, infrared environmental controls and mobile phone access will be demonstrated using the Ottobock power chairs.

What's Happening Under the Covers - Assessment & Management of Bed Positioning *Steve Wollard, Neurological Physiotherapist, Postural Innovation*

Outline of components involved in the assessment of bed positioning for individuals with disability

- Outline of common presentations and potential solutions for 24 hour postural management
- Benefits of the use of bed positioning equipment

Why hasn't this Equipment Worked? *Andrea Salmon & Neti Caird, MS Australia*

In Multiple Sclerosis the missable symptoms of fatigue is among the top 3 disabling symptoms for up to 80% of clients. Have you prescribed a piece of equipment to assist in managing fatigue and yet found that the clients level of fatigue hasn't improved? The strategies to assist clients in managing fatigue are as much about helping them to change their attitudes, priorities and beliefs as it's about prescribing the correct piece of assistive equipment. How do you determine the impact fatigue is having and how do you develop a therapeutic relationship that can challenge and facilitate change in attitude that brings about a positive impact on their fatigue. What equipment is generally assistive and how do you combine the two approaches?

Why Stand? *Jacinta Maurin, Physiotherapist, Otto Bock*

This session will review the literature surrounding standing and early mobility. Early standing and mobility will be thoroughly explored through a variety of "best practice" assessment principles, prescribing guidelines, video and case studies.