

2017 Baltimore Nu Fair Class and Speaker Information

A1 - 2 Hours (0.2 CEUs) / Improving Wheeled Mobility Outcomes following Acquired Brain Injury

Sponsor: Permobil **Speaker:** Ginger Walls, PT, MS, NCS, ATP/SMS

Course Description: Functional mobility following an Acquired Brain Injury (ABI) or CVA will vary by individual. The role of the clinician and supplier is to establish a means of mobility that can enhance each person's independence. Oftentimes, this does not include ambulation; however, there is limited availability of reference material to address commonly seen limitations. This course will review the potential postural impairments that can occur and how these can be minimized/addressed with appropriate seating and mobility interventions. An overview of the factors involved in determining manual vs powered mobility will also be presented. Lastly, there will be a discussion of current technology and its role in increasing independence.

Learning Objectives:

1. The participant will be able to describe three common functional limitations that occur following Acquired Brain Injury (ABI).
2. The participant will be able to state three current perceptions related to prescribing power mobility for people with ABI, including Cerebral Vascular Accidents (CVA) and Acquired Brain Injury (ABI).
3. The participant will be able to explain how to configure a manual wheelchair for efficient propulsion and postural support post ABI and CVA.
4. The participant will be able to discuss two potential training techniques to allow for initiation of power mobility post-CVA.
5. The participant will be able to list 2 potential benefits from providing power mobility to a person with mobility limitations post-CVA based on the ICF framework.

Speaker: Ginger is a Regional Clinical Education Manager for The Permobil Group. She has 27 years of experience as a physical therapist in the area of neuro rehab and wheelchair seating/mobility. Previously, she directed the Outpatient Therapy Clinics and the Seating/Mobility Program at Medstar National Rehabilitation Hospital in Washington, D.C. Additionally, Ginger has provided a variety of continuing education courses, articles, and lectures in the area of seating/mobility for many years. She has presented at major industry conferences including ISS, RESNA, and the PVA Summit.

A2 – 2 Hours (0.2 CEUs) / Thinking Outside the Code – Implementing New Innovation into Practice

Sponsor: Permobil **Speaker:** Ginger Walls, PT, MS, NCS, ATP/SMS

Course Description: Clinicians and providers are challenged to find their way to 2017 best practice when innovations in technology are far outpacing advances in funding. Clinicians and providers must understand how to empower their clients with choices of the best rehab technology solutions for clients' long term health, function and participation - as well as to keep their practice current with today's technology. This presentation will apply evidence and case examples to illustrate steps to best outcomes, as well as charting a path to optimal recommendations, and documenting so that individual client's needs are clearly linked with the technology recommended.

Learning Objectives

1. The participant will be able to identify 2 barriers to end-user's access to technology and discuss 2 options of how to overcome them.

2. The participant will be able to describe 2 ways that poor manual wheelchair configuration can lead to compensation during propulsion by the wheelchair end-user and 2 evidence-based clinical/equipment recommendations to help.
3. The participant will be able to use the ICF model, describe 3 ways that smart technology can positively affect health outcomes for the wheelchair user.
4. The participant will be able to list 3 recommendations from research about how power seat functions should be applied in evidence-based practice to mitigate risks for pressure injury and shoulder pain/impairments.
5. The participant will be able to summarize 3 key points from research about power seat function utilization, and discuss 2 possible clinical/equipment recommendations to improve effective utilization of power seat functions.
6. The participant will be able to list 3 examples of linking clients' needs with technology recommended in clinical documentation.

Speaker: Ginger is a Regional Clinical Education Manager for Permobil. She has over 27 years of experience as a physical therapist in the area of neuro rehab and wheelchair seating/mobility. Previously, she directed Outpatient Therapy Clinics and the Seating/Mobility Program at Medstar National Rehabilitation Hospital in Washington, D.C. Additionally, Ginger has provided a variety of continuing education courses, articles, and lectures in the area of seating/mobility for many years. She has presented at major industry conferences including ISS, RESNA, and the PVA Summit.

A3 - 2 Hours (0.2 CEUs) / All About the Algorithm: Medicare Funding for Multi-Power Option Power Wheelchairs

Sponsor: Numotion

Speaker: Andria Pritchett, Director of Clinical Education

Course Description: With the increased auditing and denials our industry has seen surrounding multi-power option power wheelchairs, it's even more necessary to understand this trend and adapt to continue to serve our clients. This module covers Medicare's power wheelchair algorithm, specific to multi-power option systems, and walks through the specifics of the individual required documents as well as the common denial trends in seating, power positioning, and technical details; while providing guidance on how to avoid these in your own documentation in the future. A must for clinicians in a seating clinic, private practice or starting in the seating and mobility world!

Learning Objectives:

1. Participant will be able to List 2 key points of CMS' Power Mobility Devices algorithm.
2. Participant will be able to list at least 3 objective measures that can be incorporated into the specialty evaluation for power mobility.
3. Participant will be able to demonstrate knowledge of CMS' current standard for document correction by listing 2 key items.
4. Participant will be able to demonstrate the knowledge necessary to document medical necessity for power tilt, power recline and power tilt/recline combination to today's CMS standards by listing a key item for each.
5. Participant will be able to discuss why each of these items are important: the theory of the complete F2F, duplication of effort, calculating the F2F completion date, and how the F2F completion date impacts timelines of expiration and delivery.

Speaker: Andria Pritchett, Director of Clinical Education, has been with Numotion, since 2010. Prior to beginning her career in complex rehab technology, she was a practice administrator for a large multi-specialty therapy clinic. Upon shifting focus to complex rehab in 2010, Andria has used her extensive management, clinical and Medicare knowledge to develop and manage the traditional Medicare portion of many aspects of

business at Numotion. She has managed Medicare Billing and Medicare Audits, ALJ Hearings, Funding and Order Processing and has taken a very active role in the Medicare education program.

B1 – 7 Hours (0.7 CEUs) / Go Baby Go Workshop

Sponsor: Numotion Speaker: Dr. Sam Logan

Course Description: This course will explore recent advances in science, training, and technology that are quickly closing the gaps in providing movement experiences to young children. In addition, we will address practical issues and barriers to real world implementation such as incorporating assistive technology into the realities of life in schools, homes and community. A 'brains on' and 'hands on' course: Our goal is to provide information and resources supporting assistive technology from multiple perspectives: research, clinic and family. Participants will have many opportunities to discuss their own thoughts and ideas, as well as get hands on experience. This course is relevant for professionals, community members and families seeking to better understand the practical implementation of assistive technology in early childhood. More importantly, we will challenge audience perspectives on the future of pediatric rehabilitation and provide a forum for the open discussion of the barriers to and opportunities for infants with mobility impairments to explore their world.

Learning Objectives:

1. The participant will be able to discuss recent advances in science, training, and technology related to mobility behaviors in early childhood.
2. The participant will be able to discuss the barriers to providing access functional pediatric assistive technology devices.
3. The participant will be able to describe solutions that allow children with mobility deficits to explore their environment more independently.
4. The participant will be able to do basic modifications to a ride-on toy car that will allow a child with mobility deficits to move about their environment more independence.

Speaker: Dr. Logan joined the Infant Behavior Lab in 2012 as a Post-Doctoral Fellow. He has training and experience in early childhood education, psychology, exercise science and kinesiology. His research has focused on assessing and advancing motor learning and coordination in typically developing children as well as in those with special needs. His current projects at UD focus on quantifying the role of mobility and socialization in early childhood as well as directing the Racecar Project. He received the Outstanding Doctoral Student award at Auburn University in 2012.

C1 – 2 Hours (0.2 CEUs) / Custom Molding: The Why and the How

Sponsor: Numotion Speakers: Susan Johnson Taylor, OTR/L, and Anne Kieschnik, BSW, ATP, CRTS

Course Description: This course begins with a lecture providing an overview of the clinical and technology considerations in the evaluation and provision of molded seating systems. Key anatomic linear and angular measures are also presented. It then proceeds with breakout sessions (4 groups) specific to each type of molding. During those supervised sessions, the participant will be instructed on and experience each style of molding and for whom it is appropriate.

Learning Objectives:

1. The participant will be able to list 3 mat assessment takeaways relative to custom molded seating.
2. The participant will be able to list 2 client situations/conditions in which custom molded seating should be considered.
3. The participant will be able to list one unintended clinical consequence of molding.
4. The participant will be able to list 2 steps in molding preparation.
5. The participant will be able to list 2 key relative angles.
6. The participant will be able to list one advantage of trailing molding prior to completion.

Speakers:

Susan Johnson Taylor, OTR/L is an occupational therapist who has been practicing in the field of seating and wheeled mobility for 35 years primarily in the Chicago area at the Rehabilitation Institute of Chicago Wheelchair and Seating Center. While at RIC, she also created and participated in a variety of research studies at the Northwestern U Sensory Motor Performance Program. Susan has published and presented nationally and internationally and has consulted on product development for a variety of manufacturers. Susan is both a member and fellow with RESNA, holding such past positions as Publication Committee Chair and Instructional Program Chair for their annual conference as well as serving on the Board of Directors. She is currently a member of the RESNA /ANSI Wheelchair Standards Committee and the Clinician's Task Force. Susan joined the Numotion clinical education team in 2015 as the Manager of Training and Education speaking on a variety of topics in CRT.

Anne Kieschnik, BSW, ATP, CRTS, Numotion ATP Development Manager has worked extensively in the field of Assistive Technology providing complex rehabilitation equipment to individuals with physical challenges since 1997; her passion is working with children, especially the 3-year-old and younger group. Anne served on the NRRTS board for 10 years and has been active with The Texas Rehab Providers Council whose purpose is to act as a resource for factual information to funding sources, legislative members, state agency staff, and other interested parties relative to the need for quality and professionally provided rehab technology products. Anne is an educational specialist who will speak on a variety of CRT topics for Numotion nationally.

C2 – 2 Hours (0.2 CEUs) / Custom Seating Solutions: Designing a Seat Support

Sponsor: Comfort Company Speaker: Stacey Mullis, OTR/L, ATP

Course Description: An off the shelf seat cushion is not always sufficient to address complex seating goals. A mold can be restrictive, rigid, and costly, with little room for change/growth. This course will provide an alternative to molds and instruct on how to build a cushion from the base up, incorporating growth. Participants will learn important foam properties and applications, and the clinical applications of cushion components that create the geometry of the cushion.

Learning Objectives:

1. The participant will be able to define the 2 most relevant properties of foam.
2. The participant will be able to determine the most appropriate foams for each layer.
3. The participant will be able to describe one clinical presentation for each cushion base shape.
4. The participant will be able to list 2 styles of adductors and their clinical application.
5. The participant will be able to list at least 3 cushion building blocks and their clinical application.

Speaker: Stacey is Director of Clinical Education for Comfort Company. She is a Canadian-trained Occupational Therapist of 20 years. With experience in pediatrics, inpatient/outpatient rehabilitation, long term care, and home health, Stacey has faced the challenges of providing appropriate seating in various settings. This led her to pursue an apprenticeship in Asheville, NC to advance her skills and she now focuses her efforts on educating her colleagues on principles of seating and positioning.

C3 – 3 Hours (0.3 CEUs) / Custom Molding: The Why and the How

Sponsor: Numotion Speakers: Susan Johnson Taylor, OTR/L, and Anne Kieschnik, BSW, ATP, CRTS

Course Description: This course begins with a lecture providing an overview of the clinical and technology considerations in the evaluation and provision of molded seating systems. Key anatomic linear and angular measures are also presented. It then proceeds with breakout sessions (4 groups) specific to each type of molding. During those supervised sessions, the participant will be instructed on and experience each style of molding and for whom it is appropriate.

Learning Objectives:

1. The participant will be able to list 3 mat assessment takeaways relative to custom molded seating.
2. The participant will be able to list 2 client situations/conditions in which custom molded seating should be considered.
3. The participant will be able to list one unintended clinical consequence of molding.
4. The participant will be able to list 2 steps in molding preparation.
5. The participant will be able to list 2 key relative angles.
6. The participant will be able to list one advantage of trailing molding prior to completion.

Speakers:

Susan Johnson Taylor, OTR/L is an occupational therapist who has been practicing in the field of seating and wheeled mobility for 35 years primarily in the Chicago area at the Rehabilitation Institute of Chicago Wheelchair and Seating Center. While at RIC, she also created and participated in a variety of research studies at the Northwestern U Sensory Motor Performance Program. Susan has published and presented nationally and internationally and has consulted on product development for a variety of manufacturers. Susan is both a member and fellow with RESNA, holding such past positions as Publication Committee Chair and Instructional Program Chair for their annual conference as well as serving on the Board of Directors. She is currently a member of the RESNA /ANSI Wheelchair Standards Committee and the Clinician's Task Force. Susan joined the Numotion clinical education team in 2015 as the Manager of Training and Education speaking on a variety of topics in CRT.

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