

2012 NRRTS WEBINARS



.2 CEUs applied for

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This unique educational opportunity is designed with three criteria in mind: to provide quality continuing education in seating and wheeled mobility; to meet the annual CEU requirement for ATP renewal and NRRTS Registration; and to provide this programming in an extremely, cost-effective manner.

The faculty members are among the most well-known and talented people in our industry and profession. They will present information and answer questions from participants. Prior to each session, the presenter's Power Point presentation and other course material will be uploaded to a special section of the NRRTS website (www.nrrts.org). Registered participants may download and print these or follow along during the presentation.

Audience: CRTSs, RRTSs, other ATPs, physical and occupational therapists (intermediate to advanced)

REGISTRATION FEES

NRRTS Registrants \$0
Friends of NRRTS \$20
All Others.....\$35

Long distance charges may apply, .2 CEUs have been applied for, and NO REFUNDS will be given.

Enroll on-line at www.nrrts.org or by phone at (800) 976-7787.

PATHOPHYSIOLOGY: Cerebral Vascular Accident/Stroke (CVA) and Co-Morbidities

Tuesday, February 21, 2012 • 5:00pm-7:00pm Pacific
Barbara Crane, PhD, PT, ATP

Cerebrovascular accident, more commonly known as stroke, is the third leading cause of death and the leading cause of serious, long term disability in the United States. Although strokes can occur at any age, most occur in people over the age of 65 and the prevalence of stroke increases with increased age. (<http://www.strokecenter.org/patients/about-stroke/stroke-statistics/>). Stroke can occur in any area of the brain or even the spinal cord and the functional sequellae will depend on the location as well as the severity of the stroke. Assistive technology provision following a stroke is critical to maximizing a person's function following stroke. Barbara is an Associate Professor of Physical Therapy at the University of Hartford in West Hartford, CT.

DYNAMIC SEATING

Thursday, February 23, 2012 • 5:00pm-7:00pm Eastern
Delia Freney, OTR/L, ATP

Who needs dynamic seating? Does movement elicit tone or enable static patient functional movement? Dynamic seating can provide both support and allow end users to safely move in planes that are necessary for activities of daily living such as schoolwork at a desk and safe swallowing. Dynamic seating can be achieved not only through secondary supports but also through the mobility base, both manual and power. There will be case studies of some creative solutions for challenging problems which dynamic seating can protect a fixed extended limb, allow extreme movement with certain diagnoses and enable an end user to safely swallow liquids using dynamic seating. Dee Dee has been an Occupational Therapist for 30 years in the San Francisco Bay area, Calif.

PATHOPHYSIOLOGY: Traumatic Brain Injuries (TBI) and Cerebral Palsy (CP)

Tuesday, March 20, 2012 • 5:00pm-7:00pm Pacific
Jill Sparacio, OTR/L, ATP

This session is designed to give an overview of the pathological makeup of traumatic brain injuries and cerebral palsy. During the session, causes, characteristics and presentation will be discussed, showing how assistive technology can be used to facilitate recovery and independence. Jill is an Occupational Therapist in private practice.

POWER ASSIST WHEELS: Clinical Indicators and Documentation for Funding

Thursday, March 22, 2012 • 5:00pm-7:00pm Eastern
Theresa Berner, MOT, OTR/L, ATP

The advancement of technology has allowed individuals many equipment options for mobility. Funding agencies have created strict rules and guidelines that are intended to restrict the abuse of mismatched acquisition of equipment. However, it is so common that the rules and guidelines make it so difficult to acquire the best equipment that uninformed professionals get caught in providing the equipment that is easiest to justify rather than the equipment that is the best match for mobility. Examples of technology that can get overlooked are power assist wheels. Power assist wheels can be a successful solution in assisting an individual to maintain their level of participation before having to reconfigure their environment for a full power mobility system. This session will review basic interviewing skills to understand a client's mobility needs as well as review principles of wheelchair set up and wheel access. Best practice with service delivery to ensure consumer buy in and an assessment of the roles of each member of the seating clinic team will allow the audience to understand how to effectively and efficiently utilize all team members. Documentation principles, examples and guidelines will be reviewed as well as suggestions for funding sources outside traditional insurance plans will be covered. All information will be supported by the most recent literature and professional publications available. Case studies will be used to demonstrate how these techniques can be applied. By the end of the session each participant will have a better understanding of the clinical indicators and documentation for funding so individuals have the best chance at equipment that will meet their needs. Theresa is an occupational therapist and Rehabilitation Team Leader at The Ohio State University Medical Center where she has over 17 years' experience in seating and positioning.

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PATHOPHYSIOLOGY: Multiple Sclerosis (MS) and Amyotrophic Lateral Sclerosis (ALS)

Tuesday, April 17, 2012 • 5:00pm-7:00pm Pacific
Mary Shea, MA, OTR/L, ATP

This workshop will initially focus on the etiology, pathology and typical medical treatment for individuals with multiple sclerosis and amyotrophic lateral sclerosis commonly known as Lou Gehrig's disease. We will then spend the majority of time exploring assistive technology products with respect to mobility, computer access and augmentative and alternative communication devices. Mobility and seating system technology will be explored in more depth than the other assistive technology products and case studies will be utilized to facilitate participant's learning and ability to integrate the concepts into immediate practice. Mary is an occupational therapist who has been working with durable medical equipment service provision for the last 18 years.

HOME ACCESSIBILITY: From the Front Door to the Upstairs Bath

Thursday, April 19, 2012 • 5:00pm-7:00pm Eastern
Cynthia Petito, OTR/L, ATP, CAPS

Hour one: There are several members of the team throughout the HM services delivery model. An individual's daily routine, their culture and roles, physical limitations, and functional demands within their environment must be understood before making HM recommendations. Once a HM evaluation is completed, members of the HM team develop a client-centered design that incorporates products and sources to achieve functional outcomes to meet individual needs.

Hour Two: This session will review the different design concepts including "Universal Design", "Inclusive Design", and how they differ from ADA Guidelines. There are 7 Universal Design principles that should be incorporated into the HM recommendations to prevent "minimal compliance" practice. This session will review measuring the client and environment for HM recommendations for wheelchair accessibility. Products and design ideas will be given for entryways, bathrooms, and between levels of the home.

Cindi is an occupational therapist, who owns Seating Solutions/LOTTUS Designs, a private outpatient practice that focuses on the area of wheeled mobility, complex seating, assistive technologies and home modifications.

PATHOPHYSIOLOGY: Duchene's Muscular Dystrophy and Spinal Muscular Atrophy (SMA)

Tuesday, May 22, 2012 • 5:00pm-7:00pm Pacific
Michelle L. Lange, OTR, ABDA, ATP/SMS

This webinar will present Pathophysiology of Duchenne's Muscular Dystrophy and Spinal Muscular Atrophy, including etiology, pathology, functional implications and relevant assistive technology interventions. Case studies will be included. Michelle is an occupational therapist in private practice.

POSITIONING VS. RESTRAINT: Appropriate Use and Justification of Secondary Seating Components

Thursday, May 24, 2012 • 5:00pm-7:00pm Eastern
Michelle L. Lange, OTR, ABDA, ATP/SMS

This webinar will discuss use of secondary seating components for the purpose of positioning vs. restraining a client. Secondary seating components such as pelvic positioning belts, anterior trunk supports, and medial knee abductors are frequently misconstrued as a restraint. Clinical indicators and justifications will be provided for a variety of interventions. Strategies for meeting positioning needs in a setting with a no-restraint policy will also be presented. Michelle is an occupational therapist in private practice.

PATHOPHYSIOLOGY: Amputation, including Seating

Tuesday, June 19, 2012 • 5:00pm-7:00pm Pacific
Jennith Bernstein, PT, ATP

This webinar will provide an insight into the pathology leading to amputation. No matter if an amputation is traumatic, congenital, or acquired through a disease process, a person with any level of amputation will require specific interventions, mobility options, seating systems, and assistive technologies. The seating and mobility needs of people with lower extremity amputations will be addressed, including description of levels of amputations, prevalence of skin breakdown, additional neurologic conditions, and upper extremity amputations. Many people with lower extremity amputations will require a manual or power wheelchair at some point in their lifetime, even if ambulation with prosthesis is their primary means of mobility. This is especially compounded when catastrophic events such as brain injury, spinal cord injury, or other systemic impairments occur concurrently with a lower extremity amputation.

POWER WHEELCHAIRS: Using IR Transmission to Control Devices in the Environment

Thursday, June 21, 2012 • 5:00pm-7:00pm Eastern
Jill Kolczynski, ATP

The ability to independently control devices within an individual's environment can have significant impact on both their physical and emotional well-being. Over the last few years, the options available to allow for infrared control of consumer electronics through the power wheelchair drive control has grown and been made much simpler to set-up and operate. This presentation will cover the options currently available on the market, components needed to interface them to the wheelchair, and programming options available. Jill is a seating and mobility specialist with United Seating and Mobility in Minneapolis, Minn.

POWER SEATING FUNCTIONS: Clinical Indicators for Each

Tuesday, July 17, 2012 • 5:00pm-7:00pm Pacific
Stephanie Tanguay, OTR

Tilt and recline power seating systems are often prescribed as a means of repositioning consumers for pressure relief. While there are conflicting opinions about the range of tilt or recline required to maintain skin integrity as well as the frequency with which pressure relief should be performed, there are many other reasons to use power positioning systems. Assistive positioning for transfers, for some self-care activities, respiration and postural and/or stability needs are just several examples. There are also contraindications for these systems. This presentation will explore the clinical indicators for the use of tilt, recline, power elevating legrests and standing wheelchairs as well as the contraindications for these systems. Stephanie worked as an Occupational Therapist for thirteen years with a focus on spinal cord injury and seating & mobility and is currently the Clinical Education Specialist for Motion Concepts, a manufacturer of power seating systems and seat surface and back support products.

ACCESS TO FUN! RECREATION FOR ALL

Thursday, July 19, 2012 • 5:00pm-7:00pm Eastern
Mary Carol Peterson, OTR

This course will teach you what features define a sports wheelchair, who can benefit from them and how to measure for basketball or tennis like an expert. You will also gain information on handcycles for children and adults, targeting products that fit your patient's goals and abilities. Top End's extensive experience in building sport specific wheelchairs and handcycles has created an exclusive educational course to transfer that same knowledge to you. This course will help you to select the right products tailored to maximize your patients' return to meaningful recreation. Mary Carol is the Marketing Manager for Top End.

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MEDICAL INTERVENTIONS AND THEIR RELATIONSHIP TO ASSISTIVE TECHNOLOGY INTERVENTION:

Tone Management, Surgeries and Orthotics

Tuesday, August 21, 2012 • 5:00pm-7:00pm Pacific
Pamela Wilson, MD

Just when you thought you had your seating and mobility interventions planned out...medical interventions can have a dramatic impact on our seating and mobility recommendations. It is critical to be aware of the latest medical options, how these affect posture and function and how to work as a team to reach optimal outcomes. Dr. Wilson is a rehab physiatrist at Children's Hospital of Colorado.

SEATING CONSIDERATIONS FOR CLIENTS WITH HIGH TONE

Thursday, August 23, 2012 • 5:00pm-7:00pm Eastern
Sharon Pratt, PT

Seating interventions can vary by diagnosis, age and individual needs. This webinar will dig down into specific seating considerations when working with clients who have increased muscle tone. High tone is common in people with cerebral palsy, traumatic head injury and multiple sclerosis. Common seating challenges and strategies will be addressed. Sharon is an Educational Specialist with Sunrise Medical.

POWER WHEELCHAIRS: Using the Access Method to Control the Computer Mouse

Tuesday, September 18, 2012 • 5:00pm-7:00pm Pacific
Mike Babinec, B.A., B.S., OTR/L, ABDA, ATP

Power wheelchair electronics have changed significantly over the years. A variety of access methods can be accommodated and programmed to meet an individual's needs. Those same access methods can be used to control assistive technology devices beyond the power wheelchair, as well! This webinar will demonstrate how to use the power wheelchair access method to control the cursor on a computer screen. Many of the clients we work with are unable to write or even use a standard computer keyboard and mouse. Using the driving method can provide computer access. Mike is an Electronics Guru with Invacare.

ADVOCACY FOR ALL! Consumer Driven Change

Thursday, September 20, 2012 • 5:00pm-7:00pm Eastern
Ann Eubank, OTR, ATP

We have all put on our advocacy hats for our clients over the years. Consumers have not advocated for themselves to a large extent, however. A consumer who is educated in their equipment needs, the clinical justifications for that equipment and the medical system is also able to advocate for themselves and for system change. Ann Eubank is the founder of User's First, a consumer advocacy group.

GETTING IT RIGHT THE FIRST TIME: Measurements

Tuesday, October 23, 2012 • 5:00pm-7:00pm Pacific
Robert Lindholm, ATP

No matter what specific seating interventions are recommended, the measurements have to be correct to ensure a successful outcome. Measurements are not as easy to take as may first appear! This webinar will review key anatomical measurements, how to correct measure each and factors which can affect the accuracy of a measurement. Robert is an ATP with ATG Rehab.

PATHOPHYSIOLOGY: Osteogenesis Imperfecta (OI) and Arthrogyryposis

Thursday, October 25, 2012 • 5:00pm-7:00pm Eastern
Michelle L. Lange, OTR, ABDA, ATP/SMS

We see a variety of clients for seating and mobility interventions. Clients with Osteogenesis Imperfecta and Arthrogyryposis present unique challenges. This webinar will review the etiology, pathology, prognosis and assistive technology applications for clients with these conditions. Michelle is an occupational therapist in private practice.

WHEELCHAIRS AND TRANSPORT

Tuesday, November 13, 2012 • 5:00pm-7:00pm Pacific

Mary Ellen Buning, PhD, OTR/L, ATP

Most wheelchairs don't stay in one spot! The wheelchair, along with the client, need to be transported, whether by private vehicle, accessible van or public transportation. It is critical to be aware of the latest regulations and recommendations for transporting clients in a car seat, in a standard passenger seat or in the wheelchair base itself. Mary Ellen is an expert in this area, having worked on Standards development.

FUNDING: What's New in the World of Reimbursement?

Thursday, November 15, 2012 • 5:00pm-7:00pm Eastern
Liz Cole, PT

Until we have a play book for funding, it is critical to stay abreast of the latest funding regulations, policies and requirements. This webinar will cover the very latest on the funding scene and how that applies to your documentation. Liz is a funding expert with US Rehab.

POSITIONING: Clinical Considerations of Molded Seating

Tuesday, December 18, 2012 • 5:00pm-7:00pm Pacific
Jill Sparacio, OTR/L, ATP

A wide variety of seating interventions are available to best meet a client's needs. One option is molded seating. This webinar will present clinical indicators for molding as well as components of the molding process. Molded seating is often more costly than other options and must be justified adequately in the documentation. It is also critical to assess the final product to ensure that a client's needs have truly been met. Jill is an Occupational Therapist in private practice.

ASSISTED AMBULATION: Gait Trainers, Walkers, Crutches and Canes - Clinical Indicators

Thursday, December 20, 2012 • 5:00pm-7:00pm Eastern
TD Schenck, ATP

Not all of our clients require a wheelchair, or perhaps not as their only means of mobility. Many clients are able to use assisted ambulation devices, including canes, crutches, gait trainers and walkers. This webinar will present clinical indicators for each of these equipment categories, including justifications for specific subcategories (such as a midwheel drive gait trainer). TD is an ATP with United Seating and Mobility.