

Course	Description	Objectives/Timeline	Level	Presentation Method	Speaker
The Power of LINX in the Clinic 0.1 CEU / 1 contact hour	Wheelchair manufacturers each use a specific electronics platform on the power wheelchairs. These electronics provide unique differences between them. These differences can be overlooked when making an assumption that “they all do the same thing”. While that is true to a degree, how those things are managed and navigated by the patient is very different. LINX electronics offers some very unique features and opportunities for customization and personalization that can enhance independence and satisfaction for the patient. This course will highlight some of those features that may play a role in the success and independence of the patient. This is a course that will focus on the clinical benefits of LINX and will not be going into specific programming instructions, rather focusing on the features and their impact for the patient.	1. Identify the difference between a basic joystick and an upgraded joystick - 15 min 2. Identify a clinical benefit of utilizing Switch Rules - 15 min 3. Identify a clinical reason for utilizing Audible Cues for a patient - 10 min 4. Name a benefit of Gred View or List View - 20 min	Intermediate	Lecture, Discussion	Michele Bishop, ATP Clinical Education Specialist - Invacare Michele Bishop is an Assistive Technology Practitioner with over 30 years of experience working with individuals who have complex needs. Her career began as a special education teacher focusing her efforts on children with physical and orthopedic needs who used powered mobility and augmentative communication. Michele’s focus has been on the integration of various technologies to allow for more independent access to the devices that, in turn, allow independence and mobility in the lives of the patient’s she serves. Michele began working for Invacare as a Clinical Education Specialist supporting product lines such as, Adaptive Switch Laboratories. Her expertise in programming and the integration of mobile devices, speech generating devices, and computers has set her apart. She works tirelessly to insure that the patients she works with, are able to access the devices that will allow them to live their lives to the fullest, by incorporating the programming of the powered wheelchair with the wireless technologies that are available through the powered chairs and external devices. This marriage of technology has allowed many to become able to have more independence and access to the things that are important in their lives. Michele is a nationally know speaker at conferences and brings creativity, personal experience, and a wide breadth of knowledge to her teaching.
The Undiscovered Truth and the Wheelchair Evaluation 0.1 CEU / 1 contact hour Approved by Texas PT & OT Associations	Writing letters of medical necessity for the Complex Rehab Technology your mobility impaired clients require has become increasingly more challenging. This class will explain why Complex Rehab Equipment gets denied, and what’s missing from the documentation. It will provide participants with evaluation strategies that will help identify all avenues to explore in determining if your patient meets the prior authorization criteria for the requested equipment.	1. Learn the difference between Medicare, Medicaid, Commercial and Private Insurance and understand the relationship between your patient, their policy coverage criteria and the requested equipment. 5 minutes 2. List the CRT that is most commonly denied. 5 minutes 3. Identify the most common reasons CRT is denied. 20 minutes 4. Discover evaluation strategies that will enable you to obtain more detailed clinical information about your client and their mobility needs. 30 minutes	All Levels	Lecture, powerpoint and handouts	Jackie James, OT, ATP Clinical Director - National Seating & Mobility Jackie James earned her degree in Occupational Therapy from the University of Texas – Health Science Center in San Antonio in 1987. She learned a lot from her UT professors, but her real teachers were the kids she served for 25 years in the classrooms of Austin ISD and Mongu, Zambia, a remote community on the Zambezi River in Sub-Saharan Africa. The children and young adults she worked with inspired her to look beyond the textbooks. Often without the benefit of speech, they challenged her to find solutions that would improve their comfort, function and quality of life. They schooled her on the value of well-fitted rehabilitation equipment, which lead her to seek a second career as an Assistive Technology Professional who specializes in pediatric Complex Rehabilitation Technology. Jackie James earned her RESNA ATP credentials in 2012, worked for All Star Medical, Travis Medical and National Seating & Mobility serving kids as an ATP in and around Austin for 9 years. She currently works for National Seating & Mobility as a Clinical Director to create educational opportunities for ATPs, therapists and payer partners. Her focus as Clinical Director is to improve the speed and efficiency of the funding process so NSM’s clients receive the Complex Rehabilitation Technology they need to live big, adventurous lives.
The Unspoken Truth and the LMN 0.1 CEU / 1 contact hour Approved by Texas PT & OT Associations	Therapists are highly educated experts when it comes to documenting physical disability and the medical need for Complex Rehab Technology for their mobility impaired clients. So why does medically necessary equipment get denied? The therapists’ voice often carries the most weight when it comes to authorizing or denying complex rehab equipment. What you say and how you say it makes all the difference for everyone involved. This class will help you understand the relationship between the LMN and your client’s insurance policy. You will also learn documentation strategies that will improve your approach to writing a Letter of Medical Necessity and amplify your voice in the LMN.	1. Discover the relationship between the LMN and the prior authorization criteria outlined in your client’s insurance policy. 10 minutes 2. Master the ability to be focused and selective with regards to your client’s clinical data so that the LMN contains only the information that is clinically relevant to the equipment you are requesting. 10 minutes 3. Learn new documentation strategies which will enable you to generate clear, concise, undisputable letters of medical necessity that address both your client’s mobility needs and their coverage criteria. 40 minutes	All Levels	Lecture, powerpoint and handouts	Jackie James, OT, ATP Clinical Director - National Seating & Mobility Jackie James earned her degree in Occupational Therapy from the University of Texas – Health Science Center in San Antonio in 1987. She learned a lot from her UT professors, but her real teachers were the kids she served for 25 years in the classrooms of Austin ISD and Mongu, Zambia, a remote community on the Zambezi River in Sub-Saharan Africa. The children and young adults she worked with inspired her to look beyond the textbooks. Often without the benefit of speech, they challenged her to find solutions that would improve their comfort, function and quality of life. They schooled her on the value of well-fitted rehabilitation equipment, which lead her to seek a second career as an Assistive Technology Professional who specializes in pediatric Complex Rehabilitation Technology. Jackie James earned her RESNA ATP credentials in 2012, worked for All Star Medical, Travis Medical and National Seating & Mobility serving kids as an ATP in and around Austin for 9 years. She currently works for National Seating & Mobility as a Clinical Director to create educational opportunities for ATPs, therapists and payer partners. Her focus as Clinical Director is to improve the speed and efficiency of the funding process so NSM’s clients receive the Complex Rehabilitation Technology they need to live big, adventurous lives.

<p>Power Assist: Applications to Improve Function</p> <p>0.1 CEU / 1 contact hour Approved by Texas PT Association & AOTA</p>	<p>By the end of the course the participant will be able to:</p> <ol style="list-style-type: none"> 1. Identify manual wheelchair riders who may be at risk for repetitive stress injury 2. Differentiate between three different types of power assist 3. Identify how power assist can improve function 	<ol style="list-style-type: none"> 1. Introduction / Overview/ Review Course Objectives 5 minutes 2. Review of how manual wheelchair riders are at risk for shoulder injury and decreased function 15 minutes 3. Discussion on different types of power assist and clinical picture of recommendation 25 minutes 4. Review of case studies 15 minutes 	Intermediate	Lecture with case study discussion	<p>Catherine Sweeney, PT, ATP/SMS Regional Clinical Education Manager - Permobil</p> <p>Catherine Sweeney, PT, ATP/SMS, is currently a Regional Clinical Education Manager for Permobil. She graduated from Marquette University in Milwaukee, WI in 1990, and has extensive clinical experience in acute care, acute rehabilitation, and out-patient settings with a primary focus on neurologic rehabilitation. Prior to joining the clinical education team at Permobil team in September of 2019, Catherine worked at Providence St. Joseph Medical Center in Portland, Oregon for 24 years. She was instrumental in the development of the wheelchair seating clinic program, serving adults with mobility and positional needs. Catherine's skill set includes expert skill level in wheelchair seating and positioning interventions for adults, applying clinical best practice guidelines to achieve appropriate wheelchair seating outcomes for her clients. Catherine is a RESNA-certified Assistive Technology Professional (ATP) and Seating and Mobility Specialist (SMS). In her role at Permobil, she is presenting clinical education programs to therapists, CRT providers, and funding specialists regarding complex wheeled mobility, and pressure ulcer prevention best practice with the focus on improving clinical outcomes for clients. Catherine is an active member of RESNA and the APTA, and served for as co-chair of the RESNA PT PSG.</p>
<p>Wheelchair Configuration: The Importance of an Optimized Ride</p> <p>0.1 CEU / 1 contact hour Approved by Texas PT Association & AOTA</p>	<p>This course will address the recommendations set forth by the Consortium of Spinal Cord Medicine and RESNA to stress the importance of an optimally configured manual wheelchair.</p>	<ol style="list-style-type: none"> 1. Discuss 2 ways in which manual wheelchair configuration affects propulsion 2. Discover 3 research articles that examine the implications of properly configured manual wheelchair. 3. Identify 2 "nontraditional" measurements that play a key role in optimally fitting a manual wheelchair. 4. Explain how a manual wheelchair that is durable, lightweight, and custom configured improves overall function of manual wheelchair users. 	Intermediate	Lecture, powerpoint and handouts	<p>Catherine Sweeney, PT, ATP/SMS</p> <p>Catherine Sweeney, PT, ATP/SMS, is currently a Regional Clinical Education Manager for Permobil. She graduated from Marquette University in Milwaukee, WI in 1990, and has extensive clinical experience in acute care, acute rehabilitation, and out-patient settings with a primary focus on neurologic rehabilitation. Prior to joining the clinical education team at Permobil team in September of 2019, Catherine worked at Providence St. Joseph Medical Center in Portland, Oregon for 24 years. She was instrumental in the development of the wheelchair seating clinic program, serving adults with mobility and positional needs. Catherine's skill set includes expert skill level in wheelchair seating and positioning interventions for adults, applying clinical best practice guidelines to achieve appropriate wheelchair seating outcomes for her clients. Catherine is a RESNA-certified Assistive Technology Professional (ATP) and Seating and Mobility Specialist (SMS). In her role at Permobil, she is presenting clinical education programs to therapists, CRT providers, and funding specialists regarding complex wheeled mobility, and pressure ulcer prevention best practice with the focus on improving clinical outcomes for clients. Catherine is an active member of RESNA and the APTA, and served for as co-chair of the RESNA PT PSG.</p>
<p>Breaking Down the Barriers to Bluetooth</p> <p>0.1 CEU / 1 contact hour</p>	<p>As our technology dependence increases, companies are creating simpler, faster, and more "convenient" ways to connect to your world. This is not simply a convenience for the community of wheelchair users but may be the difference between dependence and independence. Wheelchairs have incorporated Bluetooth capability into their electronics. This simple addition has created a need for clinicians and ATPs to understand about the connections and how they interact to ensure they get all the pieces included in the wheelchair evaluation. Power wheelchairs are a portal or a hub to connect to the world around them. Wheelchair evaluations are no longer just about transport.</p>	<ol style="list-style-type: none"> 1. Identify the different potential sources of a Bluetooth/technology (?) connection - 20 min 2. Name the 2 different BT profiles (access options) on a wheelchair - 15 min 3. Identify 3 things you must know to connect technology through BT - 20 min 4. Q and A - 5 min 	Beginner/ Intermediate	Lecture, Discussion	<p>Michele Bishop, ATP Clinical Educatoin Specialist - Invacare</p> <p>Michele Bishop is an Assistive Technology Practitioner with over 30 years of experience working with individuals who have complex needs. Her career began as a special education teacher focusing her efforts on children with physical and orthopedic needs who used powered mobility and augmentative communication. Michele's focus has been on the integration of various technologies to allow for more independent access to the devices that, in turn, allow independence and mobility in the lives of the patient's she serves.</p> <p>Michele began working for Invacare as a Clinical Education Specialist supporting product lines such as, Adaptive Switch Laboratories. Her expertise in programming and the integration of mobile devices, speech generating devices, and computers has set her apart. She works tirelessly to insure that the patients she works with, are able to access the devices that will allow them to live their lives to the fullest, by incorporating the programming of the powered wheelchair with the wireless technologies that are available through the powered chairs and external devices. This marriage of technology has allowed many to become able to have more independence and access to the things that are important in their lives. Michele is a nationally know speaker at conferences and brings creativity, personal experience, and a wide breadth of knowledge to her teaching.</p>
<p>Tilting the Odds: Manual Tilt to Improve Rehabilitation Outcomes</p> <p>0.1 CEU / 1 contact hour Approved by Texas PT & OT Associations</p>	<p>Neurologic disabilities such as CP, ALS, MS, and SCI figure more prominently in discussions about the impact and importance of complex rehabilitation technology than CVA, yet more than 795,000 people in the United States suffer a CVA annually. Moreover, stroke reduces mobility in more than half of those over age 65. Medicare qualification requirements and reimbursement cuts have negatively influenced the caliber of wheeled mobility devices CVA survivors receive. Many obtain an upright, manual wheelchair that qualifies for Medicare rental reimbursement. It is well documented that manual tilt-in-space wheelchairs provide seat angle adjustments that can facilitate pressure relief, postural control, and activity specific positioning, but these chairs are often not prescribed due to limitations related to independent propulsion, weight, and transport. This presentation will explore the research supporting the use of tilt. Topics will include: how changes in seat angle affect posture and pressure distribution, seat height and angle characteristics that impact self-propulsion, the relationship between independent mobility and incidence of pressure ulcers, and how changes in seat angle can influence activities of daily living. The clinical justification and documentation requirements for Medicare reimbursement of the E1161 code will be outlined, and participants will be educated on options to achieve the clinical benefits of manual tilt while enabling self-propulsion and transport.</p>	<ol style="list-style-type: none"> 1. Attendees will cite 3 aspects of propulsion affected by seat height and changes in seat angle and cite 2 elements of the relationship between independent mobility and incidence of pressure ulcers 25 minutes 2. Attendees will provide 2 examples of how changes in seat angle can impact pressure and affect posture and 2 examples of how changes in seat angle can affect participation in activity specific ADLs. 25 minutes 3. Attendees will be able to produce documentation that clinically supports Medicare reimbursement of E1161 code 10 minutes 	Intermediate	Lecture, powerpoint and handouts	<p>Curt Prewitt, MS, PT, ATP Director of Education - Ki Mobility</p> <p>Curt Prewitt is Director of Education for Ki Mobility. He has a BS in Exercise Physiology and an MS in Physical Therapy from the University of Colorado.</p> <p>He practiced as a physical therapist in a number of settings for a few years, most prominently in long term care, where he gained experience with seating and wheeled mobility. He transitioned from a practicing therapist to a manufacturer's representative, eventually moving into sales management and focusing on complex rehab technology. He has previously also served as a product trainer/product specialist, teaching product features and clinical application, as well as coordinating continuing education presentations, both credited and non-credited. He has developed clinical education content and presented continuing professional education courses across the US and internationally.</p>

<p>Wheelchair Cushion Science in a Nutshell: A Primer on the Science that Should be Driving Your Clinical Choices</p> <p>0.1 CEU / 1 contact hour Approved by Texas PT & OT Associations</p>	<p>Participants will receive a quick review of the forces that need to be understood when considering the selection of wheelchair cushions. They will be taught measurable characteristics of wheelchair seats for tissue integrity and will be briefly introduced to a method of comparative testing. Participants will learn how to identify different materials used in the design of cushions and how those materials interact with the anatomy for pressure distribution. They will also learn how to understand durability and stability of these materials in cushion construction. They will also learn to identify and understand different design techniques used to improve cushion efficacy and their potential effects on functional outcomes.</p>	<ol style="list-style-type: none"> 1. Describe the basic biomechanics of seated posture as it relates to wheelchair cushions 15 minutes 2. List the material science of wheelchair cushion components 25 minutes 3. Name the different means by which cushions redistribute load 20 minutes 	Intermediate	Lecture, powerpoint and handouts	<p>Curt Prewitt, MS, PT, ATP Director of Education - Ki Mobility Curt Prewitt is Director of Education for Ki Mobility. He has a BS in Exercise Physiology and an MS in Physical Therapy from the University of Colorado.</p> <p>He practiced as a physical therapist in a number of settings for a few years, most prominently in long term care, where he gained experience with seating and wheeled mobility. He transitioned from a practicing therapist to a manufacturer's representative, eventually moving into sales management and focusing on complex rehab technology. He has previously also served as a product trainer/product specialist, teaching product features and clinical application, as well as coordinating continuing education presentations, both credited and non-credited. He has developed clinical education content and presented continuing professional education courses across the US and internationally.</p>
<p>Beyond Rigid or Folding: Ultra Lightweight Wheelchair Frame Considerations</p> <p>0.1 CEU / 1 contact hour Approved by Texas PT & OT Associations</p>	<p>Ultra lightweight wheelchair (ULWC) frames have evolved a great deal over the past 40+ years, making the decision process go far beyond simply selecting a rigid or folding frame. During this one-hour session, participants will have the opportunity to compare and contrast various aspects of ULWC frames. Participants will be provided with an overview of important considerations related to ULWC frames which the wheelchair provision team should take into account during the evaluation and equipment selection process.</p>	<p>Objective:</p> <ol style="list-style-type: none"> 1. At the conclusion of this course, participants will be able to list at least three adjustments or modifications that can be made to a rear axle plate to improve an individual's overall function in a ULWC. 2. Upon completion of this course, attendees will be able to describe frame angle options available on a ULWC and describe the potential clinical justification for each. 3. At the conclusion of this course, participants will be able to identify two resources available to assist with selecting and justifying the optimal ULWC, including components to meet the client's needs. <p>Timeline:</p> <p>10 minutes – Review of adjustable axle plate types, adjustments, and impacts</p> <p>20 minutes – Discussing various frame types and modifications that can be made to frames for clinical needs.</p> <p>20 minutes – Comparing and contrasting features of models and styles of ULWCs</p>	Beginner	Lecture, slide presentation with images, discussion, case stories	<p>Jessica Presperin Pederson, OTD, MBA, OTR/L, ATP/SMS, FAOTA Director of Clinical Education - Sunrise Medical With over 40 years of clinical practice as an OT, Jessica Presperin Pedersen has worked in all sectors of the wheelchair and seating industry as a master clinician, supplier, manufacturing consultant, design representative, and educator. Dr. Presperin Pedersen was a pioneer in the development of the profession of wheelchairs and seating in the 1980s and has spent the last two decades contributing to the research world to demonstrate evidence for knowledge translation in the clinic, advocacy, and product development. She in a RESNA and AOTA Fellow, serves on the Clinician Task Force, the Seating and Wheeled Mobility Committee for AOTA, and has shared her experiences internationally through publications and presentations.</p>
<p>Beyond Drive Wheel Position: Key Considerations for Power Wheelchair Base Selection</p> <p>0.1 CEU / 1 contact hour Approved by Texas PT & OT Associations</p>	<p>One of the key decisions to be made in the provision process of a power wheelchair is the wheelchair base. In order to make the most appropriate choice to meet a client's specific needs, it is essential to have an understanding of the various technologies and components that comprise a power wheelchair base. This course will provide participants with the opportunity to examine various aspects of power wheelchair bases beyond simply the position of the drive wheel. Areas to be discussed include suspension, transit, overall footprint, batteries, motors, etc.</p>	<p>Objectives:</p> <ol style="list-style-type: none"> 1. Propose three critical questions to include in the interview and/or hands-on portion of the seating and wheeled mobility evaluation to specifically help with the selection of the power wheelchair base. 2. List three components of a power wheelchair base that may impact the client's overall success with utilizing the wheelchair. 3. Identify three considerations to review with the client, caregiver, and evaluating team in relation to transporting a power wheelchair. <p>Timeline:</p> <p>20 min – Overview of the evaluation process and how specific elements link to base selection</p> <p>30 min – Detailed review of power wheelchair base components</p> <p>10 min – Review of objectives and conclusions gleaned from session</p>	Intermediate	Lecture, slide presentation with images, discussion, case stories	<p>Jessica Presperin Pederson, OTD, MBA, OTR/L, ATP/SMS, FAOTA Director of Clinical Education - Sunrise Medical With over 40 years of clinical practice as an OT, Jessica Presperin Pedersen has worked in all sectors of the wheelchair and seating industry as a master clinician, supplier, manufacturing consultant, design representative, and educator. Dr. Presperin Pedersen was a pioneer in the development of the profession of wheelchairs and seating in the 1980s and has spent the last two decades contributing to the research world to demonstrate evidence for knowledge translation in the clinic, advocacy, and product development. She in a RESNA and AOTA Fellow, serves on the Clinician Task Force, the Seating and Wheeled Mobility Committee for AOTA, and has shared her experiences internationally through publications and presentations.</p>
<p>Clinically Speaking - A Practical Guide to Evaluation and Documentation for Power Adjustable Seat Height</p> <p>0.1 CEU / 1 contact hour Approved by Texas PT & OT Associations</p>	<p>This course will examine the coverage criteria, clinical benefits and research in support of a power height adjustable seat, provide the clinician with practical tools to consider and incorporate when evaluating and documenting the need for this power seat option; and assist the supplier in reading and interpreting the information in the medical record to determine when to provide a power seat elevation system.</p>	<p>Objectives:</p> <ol style="list-style-type: none"> 1. Name at least 4 clinical benefits of power adjustable seat height 2. Discuss and utilize evidence-based research and apply to clinical decisions in the selection of a power adjustable seat height system. 3. Identify 2 third party payors that will consider a highly functional power seat elevator for coverage and payment. <p>Timeline: Hour 1</p> <ul style="list-style-type: none"> - Evaluation and documentation expectations of the patient-product match for a highly functional power adjustable height seat 	Beginner/ Review	Lecture, Discussion, Topic Specific Exercise	<p>Wade Lucas, PT, DPT, ATP/SMS Quantum Rehab Clinical Education Manager – Western Region As Quantum's Clinical Education Manager for the Western United States, Wade develops education programs on the clinical uses of company products and delivers continuing education presentations to therapists and DME providers. He also provides education to field sales staff on clinical benefits of Quantum products.</p> <p>Wade Lucas received his Master of Physical Therapy in 2002 and his Doctor of Physical Therapy in 2005 from the University of Nebraska Medical Center. Wade has spent most of his career working in a large inpatient rehabilitation center, but also has experience in outpatient seating clinic, home health, and skilled nursing. He received his Assistive Technology Professional (ATP) certification in 2007 and his Seating and Mobility Specialist (SMS) certification in 2018. He has also spent over 3 years of his career as a Rehab Equipment Specialist for durable medical equipment company.</p>
<p>Clinical Considerations for Mobility and Seating Selection for the Geriatric and Chronic Deconditioning Population</p> <p>0.1 CEU / 1 contact hour Approved by Texas PT & OT Associations</p>	<p>Ambulatory aids, manual wheelchairs, scooters (POVs), and power wheelchairs are designed to augment function when functional mobility is compromised or lost. For many geriatric end-users there is not only medical diagnosis and presentation, but also aging with a disability, additional comorbidities, on top of general deconditioning related to age that all play significant roles in the relationship to the end-user and their mobility equipment. This course will focus on the goals, focus, and recommendations for this population.</p>	<p>Objectives:</p> <ol style="list-style-type: none"> 1. List 3 potential adjustments to a K0005 ultralight manual wheelchair that increases biomechanics for the end-user. 2. Differentiate 3 benefits of power seat functions for medical and positioning management unique to the individual. 3. Describe 3 different mobility solutions based on the end-users presentation and abilities. <p>Timeline - 1 Hour:</p> <ul style="list-style-type: none"> - Evidence based on co-morbidities in regards to participation in daily activities. - Manual wheelchair considerations and impacts on end-user's participation and activity. - Power wheelchair considerations and impacts on the end-user's participation and activity. - Closing and wrap up. 	Beginner/ Review	Lecture	<p>Wade Lucas, PT, DPT, ATP/SMS Quantum Rehab Clinical Education Manager – Western Region As Quantum's Clinical Education Manager for the Western United States, Wade develops education programs on the clinical uses of company products and delivers continuing education presentations to therapists and DME providers. He also provides education to field sales staff on clinical benefits of Quantum products.</p> <p>Wade Lucas received his Master of Physical Therapy in 2002 and his Doctor of Physical Therapy in 2005 from the University of Nebraska Medical Center. Wade has spent most of his career working in a large inpatient rehabilitation center, but also has experience in outpatient seating clinic, home health, and skilled nursing. He received his Assistive Technology Professional (ATP) certification in 2007 and his Seating and Mobility Specialist (SMS) certification in 2018. He has also spent over 3 years of his career as a Rehab Equipment Specialist for durable medical equipment company.</p>