

Program

2014 Annual Spring Meeting

*March 21-22, 2014
Hilton Hotel at
Easton Town Center
Columbus, OH*



Ohio Chapter--AAOP



REGULATE HEAT. REDUCE SWEAT.

Almost every amputee longs for an easy way to reduce sweating of their residual limb while wearing a prosthetic liner. The solution is here! The Alpha® SmartTemp Liner blends silicone with Outlast®, the original heat management technology, to absorb and store excess heat from a residual limb. The result is less sweating, less chafing, and all-day comfort.

The Facts:

- An Alpha SmartTemp Liner with Outlast® responds to an individual's constantly changing skin temperature to help keep an amputee comfortable for a longer period of time.
- The Outlast® technology proactively manages the build-up of heat and moisture within the liner to help delay the onset of sweat.
- Liners use medical-grade silicone but as the liner temperature increases the silicone softens and feels

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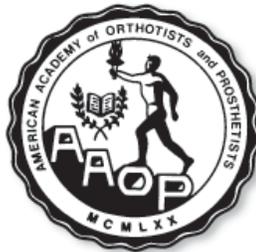
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2014 Annual Spring Program

Friday Workshops

- 9:00–12:00. A Straightforward Approach to Transradial Myoelectric Fitting**
Julie Schick, CP, Upper Limb Clinical Specialist Prosthetics
Ottobock—Minneapolis, MN—
- 9:00–12:00 Stability in Motion: Functional Solutions for the Hypotonic Gait**
Pam Boardman, PT, C/NDT
LaPorte, IN
- 1:00–4:00..... Computer Software and New Functions for Orion MPK**
Amanda Hebert, CPL, Clinical Education Coordinator
Endolite—Miamisburg, OH
- 1:00–4:00..... LE Gait Biomechanics and Innovative Customization of Carbon Fiber AFO's**
Jackie Valdez, BS, CO, Clinical Education Manager
Trulife—Poulsbo, WA

Saturday General Sessions (AM)

- 7:30–8:15..... Journal Club/Resident Presentations**
Michelle Horstman, Resident
Hanger Clinic—Dayton, OH
- 8:30–8:45..... Academy Update--Announcements**
Jeff Denune, President, Ohio Chapter—AAOP
WillowWood—Mt. Sterling, OH
- 8:45–9:30..... No Man Walks Alone (Keynote Address)**
John Alvarez, Col, USAF, AFSOC (ret), Director, Special Operations and
Missions, Commuter Air Technology
—Senior Fellow, Joint Special Operations University (JSOU)
- 9:30–10:15 It's the End of the Word as We Know It (And I Feel Fine)**
Linda Collins, Director, Market Access
Ossur Americas—Foothill Ranch, CA
- 10:45–11:30 Successfully Navigating the PrePay/RAC Audit Process**
Melissa Konop, Audit Specialist/Area Office Manager – Ohio Valley
Hanger Clinic—St. Charles, MI
- 11:30–12:15 Bionic Technology: The Science of the Products and the Art
of Getting Reimbursed**
Carin Erbland, CPO, Clinical Specialist, Prosthetics
Ossur Americas—Foothill Ranch, CA

Saturday Breakout Session — Prosthetics

- 1:30–2:30..... Computerized Gait Analysis Update**
Robert Meier, CO, BOCO, President
Kassel Group Inc—Adrian, MI
- 2:30–3:30..... Liner Technology for the Future**
Matt Wernke, Ph.D., Applied Research Engineer
Andy Marsland, CP/LPO, BOCPO, Clinical Support Practitioner
for Education and Marketing
WillowWood—Mt. Sterling, OH
- 4:00–5:00..... Innovations in materials and composites: A Paradigm Shift**
Richard Sainz, CPO, National Clinical Manager
Ability Dynamics—Tempe, AZ

Saturday Breakout Session — Orthotics

- 1:30–2:30..... Customized Orthotic Solutions for Pediatric Lower Extremity Challenges**
John Brinkmann, CPO, FAAOP, Instructor in Physical Medicine and Rehabilitation
Northwestern University - Prosthetic Orthotic Center—Chicago, IL
- 2:30–3:30..... Cranial Remolding**
Mark Horwitz, CPO, Clinical Director of Orthotics
Michelle Horstman, Resident
Hanger Clinics – Dayton, OH
- 4:00–5:00..... Functional Solutions for the Hypotonic Gait: Success Stories**
Pam Boardman, PT, C/NDT
LaPorte, IN

Saturday Breakout Session — Compliance

- 1:30–2:30..... How to Survive the Constantly Changing World of Documentation & Regulation**
Mark Ford, Director of Business Development
OPIE Software—Gainesville, FL
- 2:30–3:30..... Importance of Evidence-based Justification for Documentation of Patient Care**
Scott Williamson, MBA, CAE, President
Quality Outcomes, Inc.
- 4:00–5:00..... Steps to Successful Reimbursement**
Linda Collins, Director, Market Access
Ossur Americas—Foothill Ranch, CA

Saturday Breakout Session — Technical

- 1:30–2:30..... Alternative to Carbon Fiber for Flexible Composite Lay-ups**
Matt Perkins, President/CEO
Coyote Design and Rehab Systems—Boise, ID
- 2:30–3:30..... Fabrication Techniques for the Carbon 7 AFO**
Phil McGrath, O&P Tech
Hanger Clinic—Dayton, OH
- 4:00–5:00..... Prosthetic Considerations for the Highly Active Patient**
Jim Lagerstrom, Mid-west Sales Manager
Fillauer Companies, inc.
Chattanooga, TN

Program

FRIDAY WORKSHOPS

Straightforward Approach to Transradial Myoelectric Fitting

Julie Schick, CP, Upper Limb Clinical Specialist
Prosthetics
Ottobock Healthcare—Minneapolis, MN

This workshop is designed for both new and experienced practitioners that do not routinely see upper limb patients and have an interest in expanding their focus on the upper limb patient population at their facility. The course will focus on the transradial amputation level and will help attendees identify appropriate candidates. The course will cover the evaluation procedure and will offer an overview of impression procedures, and component selection. Discussion on the recommended therapy training protocol will also be covered in addition to information on upper limb resources.

About the Presenter

Julie Schick is an ABC Certified Prosthetist. She joined OttoBock Health Care in the Professional Clinical Services Department in February 2001. In her role as a Clinical Specialist in Prosthetics, she is an instructor for upper limb training courses, and has presented at local, national, and international conferences. Her clinical experience includes twelve years in patient management. Julie holds a Bachelor of Science degree in Occupational Therapy from Elizabethtown College and a Certificate in Prosthetics from Northwestern University.

Stability in Motion: Functional Solutions for the Hypotonic Gait

Pam Boardman, PT, C/NDT
LaPorte, IN

The majority of the presentation is a multimedia, Power Point presentation with photos and video. There are several areas of the presentation which lend themselves to good open discussion. Several sample orthoses including traditional braces as well as SureStep are used to demonstrate and show the sharp contrasts in orthotic theory and concept. The SureStep presentation begins with an in-depth discussion of pronation, beginning with some common prevalent misconceptions regarding the biomechanical components and the nature of pronation, distinguishing the differences in the pathology of pronation of the hypotonic foot and the hypertonic foot. This is followed by a discussion on the mechanical, the residual and the developmental effects of pronation on children and their development. Current bracing option and techniques are discussed and explained and the SureStep system is introduced. Differences between the SureStep and more traditional forms of bracing are explained and discussed in depth.

Course/learner objective:

At the conclusion of this program, the learner will be able to more deeply understand the complex biomechanical components of pronation, identify hyperpronation among children with hypotonia and assess the functional, mechani-

cal, residual and developmental effects of pronation in children with hypotonia. Further, through proper assessment of these relationships, the learners will be able to make appropriate recommendations for dynamic orthotic management of the foot and ankle complex, allowing for more efficient joint travel, improved function and more natural development of intrinsic musculature.

About the Presenter

Pamela Boardman is currently a practicing Physical Therapist specializing in early intervention and clinic-based pediatrics in LaPorte, Indiana. She is NDT certified in pediatrics. She has been a practicing Pediatric Physical Therapist for more than 18 years and has been in the PT field for 23 years. She is a graduate of Marquette University.

In addition to being a practicing pediatric PT, Pamela has worked as a professional speaking consultant for SureStep for 12 years. She travels throughout the United States instructing PTs and orthotists in the concepts and use of SureStep SMOs and other products.

Computer Software and New Functions for Orion MPK

Amanda Hebert, CPO
Clinical Education Coordinator
Endolite—Miamisburg, OH

The ORION Knee serves two primary functions:

- a) To provide stability during the stance phase so that the knee doesn't buckle under load and
- b) To facilitate a natural gait over a range of walking speeds by absorbing energy while the limb is flexing and returning energy to assist limb extension.

A supporting hydraulic resistance is set by closing the hydraulic valve via the servomotor as the limb extends towards the end of the swing phase prior to heel strike. The stance support resistance is released by opening the hydraulic valve when load is applied to the toe just after mid-stance (as detected by a change in strain gauge readings within the shin section) but prior to initiation of knee flexion. So during every walking step the servomotor drives the hydraulic valve between high and low resistance settings.

The stepper motor is driven less frequently, only when the walking speed changes from one of the ranges to another (slow, slow/medium, medium, medium/fast and

fast). Walking speed change is determined by monitoring the time intervals between piston strokes via the GMR sensor.

About the Presenter

Amanda brings over sixteen years of experience as a Certified Prosthetist Orthotist. Her experience and continued education throughout her career combined with her family's roots in the O&P industry make her a standout in her field.

LE Gait Biomechanics and Innovative Customization of Carbon Fiber AFO's

Jackie Valdez, BS, CO, Clinical Education
Manager
Trulife, Poulsbo, WA

Introduction

This course provides CO's, CPO's, COA's and CFo's with an overview of lower extremity biomechanics, treatment options and orthotic intervention for the neurological patient. This course will cover how to customize carbon fiber AFO's and KAFO's to accommodate adult neurological disorder as well as partial foot amputations, post-polio, and spinal cord injuries.

Methods

The course will use didactic and collaborative teaching methods with formal presentations and collaborative group work with video case histories. This course combines practical and theoretical knowledge, reviews evidence, and allows opportunities to consolidate learning through the use of videos and case presentations.

Results

Participants should leave with increased understanding and confidence in biomechanics and knowledge of customizing carbon fiber AFO's and KAFO's, which may aid in the clinical reasoning in treatment planning for patients with neurological symptoms.

Discussion

This course will provide an overview of basic lower extremity gait biomechanics and common deviations seen within neurological disorders. To outline a comprehensive assessment to aid appropriate orthotic prescription and to learn a new innovative customization technique in use of carbon fiber AFO's and KAFO's.

Conclusions

An understanding of gait biomechanics, deviations and a comprehensive assessment in how to tune and align orthoses is essential to the orthotic prescription for patients with neurological disorders. A new customization option for carbon fiber AFO's and KAFO's will also be introduced.

About the Presenter

Jackie has over 20-years experience in the Orthotic Profession. She is certified by the American Board for Certifications in Orthotics and is a National ABC Orthotic Examiner. She is a Pediatric Specialist, specializing in cranial remolding orthoses, scoliosis and pectus carinatum bracing. She has worked for NovaCare and Hanger and, while working with Hanger, she was also a Cranial Remolding Mentor and a Practice Manager for over ten years. She was trained at Gillette Children's Hospital in St. Paul, Minnesota. Jackie was also certified by the NATA as a Certified Athletic Trainer in 1988.

In past years Jackie has been a guest speaker at the Pacific Rim Conference as well as at the Hanger Educational Fair. She has presented at AOPA as well as the AAOP conferences. She attended the Orthotic Practitioner Certification Program at Northeast Metro, an affiliation with the Department of Orthopedic Surgery at the University of Minnesota. Jackie has recently joined Trulife and is involved with the Orthotic and Prosthetic Education as well as R&D of new products for the company.

SATURDAY MORNING GENERAL SESSIONS:

Journal Club/Resident Presentation

Michelle Horstman, Resident
Hanger Clinic—Dayton, OH

Abstract

The morning Journal club will feature a presentation by Michelle Horstman, with a guided discussion on the article, *Functional Outcome Measurements of Bilateral Custom Knee Orthoses to Treat Hypermobility and Instability in Ehlers-Danlos Syndrome Type I: A Case Study* Keith R. Sardó, BS, CPO."

Biography

Michelle is originally from Minster, Ohio where she stayed busy with school, athletics, and sports. She went on to the University of Dayton where she studied Pre-Physical Therapy while staying active with multiple clubs, a fraternity, and athletics. It was then that she discovered the world of Or-

thotics and Prosthetics, as she observed a physical therapist at an O&P clinic. Deciding that this was the field for her, she applied to Northwestern University, was accepted, and decided to attend the following semester, studying Orthotics. She began her residency with Hanger Clinic, formerly OrPro, right after school. Realizing that she was not busy enough, she decided to go back to school during her residency to receive her training in a second discipline. Michelle is currently studying Prosthetics through Newington Certificate Program online and will start her residency this April. Michelle's love of her life is her 7-month-old puppy, Lola, and she will be marrying her second love next April.

Academy Update—Announcements

Jeff Denune, CP/LP
President, Ohio Chapter – AAOP
Clinical Director of Prosthetics
Willow Wood—Mt. Sterling, OH

Abstract

This session will provide an overview of the day's session, important information regarding their Ohio chapter, and preview of business meeting later in the day.

No Man Walks Alone

John Alvarez, Col, USAF, AFSOC (ret), Director
Special Operations and Missions, Commuter Air
Technology

Biography

John Alvarez is the director for special operations and missions and international assessment and development for Commuter Air technology (CAT). He also serves as a non-resident senior fellow with the Strategic Studies Department leading research for the JSOU at US Special Operations Command (USSOCOM) in Tampa, Florida. As senior faculty, he instructs on strategy, innovation and technology, aviation, critical thinking, intelligence, counter-terrorism, diplomacy, special operations and irregular warfare. He also facilitates collaboration with USSOCOM staff, and other military, government and civilian advanced education institutions. He conducts seminars/conferences and symposia, and technical reviews of JSOU Press submissions. He is responsible for developing the Special Operations Forces Reference Manual Third Edition and is currently working on the Fourth Edition.

Senior Fellow, Joint Special Operations University (JSOU), Mr. Alvarez has a BS in Architectural Engineering from the University of Miami, Florida and an MS in Aeronautical Engineering from the Naval Postgraduate School. His military education includes an International Fellowship at the Argentine National Defense School, Joint Forces Staff College, Air Command and Staff College, and the Joint Military Attaché School. Mr. Alvarez also served as an Air Force Regional Affairs Strategist for Latin America and is fluent in

Spanish, Brazilian Portuguese, and Italian.

Mr. Alvarez, a Miami native, was commissioned into the US Navy in 1987 and has earned designation as a Naval Aviator and US Air Force Special Operations pilot and Combat Aviation Advisor (CAA). He was the Navy's first pilot to be selected for the personal exchange program with USSOCOM and completed an inter-service transfer to the US Air Force in 1998. He is a graduate of the Kremenchug Air College, Ukraine and has qualified and flown in over 30 military and civilian aircraft primarily flying the MH-53E, MH 53J/M "Pave Low", UH-1H/N "Huey" and Russian built Mi-8/17 helicopters. Mr. Alvarez has served as joint mission commander and flown the MH-53 J/M Pave Low in combat and SOF missions with elite SOF units in Operations JOINT ENDEAVOR, ASSURED RESPONSE, and ALLIED FORCE. As a CAA he led counter narco-terrorism missions throughout Latin America and in Plan Colombia. He has led CAA missions in Operation ENDURING FREEDOM in Pakistan, Yemen, Colombia, the African Pan Sahel and Philippines. During Operation IRAQI FREEDOM, Mr. Alvarez stood up and commanded the first combat direct-assistance aviation advisory mission since Vietnam rebuilding the new Iraqi Air Force. Mr. Alvarez served on NATO Allied Forces South staff where he was responsible for special operations air and personnel recovery operations in the Balkans and the Mediterranean. He also served as an advisor to the Hungarian Air staff and advised Bosnian, Bulgarian, Croatian, and Romanian helicopter and rescue forces.

Mr. Alvarez served as deputy commander of the 1st Special Operations Group and as operations officer and commander of the 6th Special Operations Squadron (SOS). As operations officer and commander of the 6th SOS, he established the CAA qualification course and established the U.S. Air Force's first aviation adviser training course. He was assigned to the US Military Group in Buenos Aires, Argentina and his last assignment on active duty was as the Defense and Air Attaché to Bolivia.

Mr. Alvarez retired as a colonel in September 2010. Mr. Alvarez is a sought after inspirational and motivational speaker on overcoming adversity and on the power of Faith. He and his wife Shelley are peer mentors with the Wounded Warrior Project and the Care Coalition as advocates for our Special Operations Forces (SOF) severely wounded warriors and their families. They reside in Tampa Florida with their three children and a Labrador retriever.

It's the End of the World as We Know It (And I Feel Fine)

Linda Collins, Director, Market Access
Össur Americas—Foothill Ranch, CA

Abstract

An overview of the current status of denials, audits, appeals and a positive outlook on resources available to be successful.

Biography

Linda Collins is the Director of Market Access in Össur's Reimbursement Department. In that role, she is responsible for helping identify and explore payer markets while also building relationships with those payers. Ms. Collins has over 20 years' experience in all phases of managed care including network development, sales, account management and claims/billing. Ms. Collins has specialized in the DME/Medical Device field for the past ten years and has significant experience with non-surgical orthopedic devices. She received her Bachelor's of Science in Psychology from the University of Iowa and a Masters of Psychology from Arizona State University. She is co-author of the Össur Reimbursement and Regulatory Bulletin.

Successfully Navigating the Prepay/RAC Audit Process

Melissa Konop, Audit Specialist/Area Office
Manager, Ohio Valley Region
Hanger Clinic—St. Charles, MI

Abstract

This course will provide a complete overview of the different types of audits the O&P Industry is seeing and how to respond to each. We will review each appeal process and the timelines for each level of appeal. We will also discuss the different denial types and understanding the denial reasons to ensure that the response is appropriate and according to policy. Finally, everyone will provide essential resources that can be used to streamline the process and ensure consistent responses.

Biography

Melissa has 20+ years in the Medical field. She has worked for Hanger Clinic since July 2002. In her 12 years with Hanger Clinic, she has worked as an Office Administrator, Area Office Manager, and most recently, as an Audit Specialist/Area Office Manager.

As an Audit Specialist/AOM, Melissa supports 54 Clinics across Ohio, Michigan, Indiana, Kentucky, & West Virginia. Melissa's primary focus is to review, respond, and to track the numerous audit requests across the Ohio Valley Region. Of the numerous audits she has assisted with in the past 20 months, she has a 92% success rate in reimbursement.

Bionic Technology: The Science of the Products and the Art of Getting Reimbursed

Carin Erbland, CPO, Clinical Specialist, Prosthetics
Össur Americas—Foothill Ranch, CA

Abstract

Bionic Technology by Ossur aims to restore true anatomical function. Our intelligent structures contain sensors, artificial intelligence and actuator technology that create the bionic model: Sense-Think-Act. This brief synopsis will further explore the Power Knee, Rheo Knee, Symbionic Leg, and Proprio Foot design and function, while providing evidence of the clinical benefits of this technology.

Pre-authorization requirements, issues of medical necessity, and audits all impact the delivery of high end prosthetic devices. Learn strategies for implementing best practices that will increase your chances of obtaining coverage and reimbursement for bionic products. Topics to be covered included medical policies, documentation requirements, appeals process, and resources available to your practice.

Biography

Carin Erbland, CPO, is a Regional Clinical Specialist with Össur. She completed her undergraduate degree at Calvin College (Grand Rapids, MI), majoring in Biology-Psychology. She attended Northwestern University (Chicago, IL) for her educational studies in Orthotics and Prosthetics, and finished her training with residencies at Scheck and Siress (Chicago, IL) and Dynamic Orthotic and Prosthetics (Houston, TX).

Carin joined Össur last April.

AFTERNOON BREAKOUTS PROSTHETIC SESSIONS:

Computerized Gait Analysis Update

Robert Meier, CO, BOCO, President
Kassel Group Inc—Adrian, MI

Abstract

Patient wearable gait lab technology has been available for several years. New software upgrades have made the data more complete, useful and easier to understand. This program will discuss new data that are available, and how those objective data help the O&P practitioner relate the benefits of intervention to patients, referral sources and third party reimbursement agencies. Gait symmetry will be a special focus in this presentation. A new method of reviewing the closed chain linkage between foot/ankle function and pelvic kinematics during gait will also be discussed.

Biography

Robert Meier has been involved in closed chain, tri-planar gait biomechanics since 1980. He has lectured on adult and pediatric gait in over 15 different countries for both O&P and PT professions, and is a sought-after lecturer for regional and national meetings.

Innovations in Materials and Composites: A Paradigm Shift

Richard Sainz, CP, National Clinical Manager
Ability Dynamics—Tempe, AZ

Abstract

Ability Dynamics has made a radical departure from the use of carbon fiber as the primary composite traditionally used in Energy Storing/Energy Returning flex feet for the past 25 years. The impetus for such a paradigm shift in the use of materials has been the conundrum that carbon fiber feet have always presented: The trade-off between flexibility and durability. The revolutionary new RUSH Foot successfully achieves both, and in the process accomplishing a number of engineering goals as well as critical gait characteristics and indicators.

Biography

Rich brings a wealth of experiential knowledge, clinical skills & product feedback to Ability Dynamics. As a life-long amputee and Certified Prosthetist, his insight and expansive knowledge not only in the prosthetic foot market, but of prosthetic feet in general from the point of the end user is an invaluable asset. Rich gained experience at Hanger Clinic where he used state-of-the-art tools and technology to design and fabricate high-quality prosthetic limbs. Rich's philosophy has always been to educate and empower patients and provide them with the absolute best products available on the market. Mr. Sainz obtained his BA and MA in Social Services and Rehabilitation from the University of Arizona and his prosthetic education and certification from The Newington Program in Hartford, CT, an affiliate of the University of Connecticut.

Liner Technology for the Future

Matt Wernke, Ph.D., Applied Research Engineer
Andy Marsland, CP/LPO, BOCPO, Clinical Support
Practitioner for Education and Marketing
WillowWood—Mt. Sterling, OH

Abstract

Clinicians have used prosthetic liners for more than 20 years with the goal of providing a variety of benefits such as comfort, skin protection, and suspension. This presentation will include an overview of the progression of liner technology

over the years, with a focus on currently available options. Clinical conditions that remain a challenge for today's product offerings, along with possible solutions offered by future technology, will be addressed.

Biography (Matt Wernke)

Matthew Wernke is an applied research engineer for The Ohio Willow Wood Company. He earned a PhD in Biomedical Engineering from the University of South Florida in 2013 as research assistant for the Center for Assistive, Rehabilitation, and Robotic Technologies. His dissertation focused on the development of an optic-based device and motion analysis model to quantify motion of the residual limb relative to the prosthetic socket. His current research interests aim to improve the comfort, fit, and functional utility of prosthetic limbs. Matt earned a BS in Chemical and Biomedical Engineering from Florida State University in 2009. He also earned his PhD Biomedical Engineering from University of South Florida in 2013.

Biography (Andy Marsland)

In 1982 Andy Marsland began his career at Paddington College in London, UK, from which he earned his Bachelor of Science degree in prosthetics and orthotics. For 17 years, Marsland worked with C.A. Blatchford (Endolite) at various London locations, fulfilling numerous roles including senior practitioner and prosthetic services manager. Marsland expanded his prosthetic and orthotic experience by working with military veterans at St. Mary's Hospital in Roehampton, and working at the Royal National Orthopedic Hospital in Stanmore and hospitals in Central London, Harold Wood and Crystal Palace.

In 1999, Marsland moved to the United States and continued working in the industry at American Orthopedics, Inc. and the Hanger Orthopedic Group. Over the next several years, he began developing an interest in educating and training practitioners. In 2007, Marsland joined The Ohio WillowWood Company as a clinical support practitioner for education and marketing. In addition to teaching clinicians at WillowWood's education center, Marsland regularly presents at local, regional, national, and international industry venues. His presentations focus on training clinicians about prosthetic componentry as well as the orthotic and prosthetic applications of CAD.

AFTERNOON BREAKOUTS ORTHOTIC SESSIONS:

Customized Orthotic Solutions for Pediatric Lower Extremity Challenges

John Brinkmann, Consultant
Allard USA—Rockaway, NJ

Abstract

Customized orthotic solutions for pediatric lower extremity challenges Pediatric AFOs are required to address multiple issues including deformity, spasticity and functional concerns. This course will address causative factors leading to spasticity and deformity, and present proven principles that can be used to design more effective orthotic interventions that address all the issues without inducing disuse atrophy or further inhibiting developmental processes.

Biography

John Brinkmann is an ABC-certified and Illinois state-licensed prosthetist/orthotist, with over 20 years of experience treating a wide variety of patients. John received a Bachelor of Science degree in Prosthetics & Orthotics from Southwestern Medical Center in Dallas Texas in 1990. His clinical background includes a broad range of orthotic and prosthetic patient management, fabrication, and facility management. John is a Fellow in the American Academy of Orthotists & Prosthetists, a Midwest Chapter board member, and Chairs the Academy Gait Society. He is an Instructor at Northwestern University's Prosthetic Orthotic Center, and was recently awarded a Fellowship through the Feinberg School of Medicine.

Cranial Remolding

Mark Horwitz, CPO, Clinical Director of Orthotics
Michelle Horstman, Resident
Hanger Clinic—Dayton, OH

Abstract

TBA

Biography (Michelle Horstman)

(see above)

Biography (Mark Horwitz, CPO)

For over forty years, Mark Horwitz has been on the forefront of innovation in orthotics. He is also committed to using these breakthroughs to better serve the residents of southwest Ohio. "My goal has always been to be number

one in O & P service to this community,” says Horwitz. “To physicians, that means assisting them in providing effective care to their patients. To patients, my job is to help them help themselves, to give them the orthotic/prosthetic “tools” they need to become more productive. To insurers, service means offering value: being available to their members, staying on top of developments in the field, and producing functional outcomes cost-effectively.

Functional Solutions for the Hypotonic Gait: Success Stories

Pam Boardman, PT, C/NDT
SureStep—South Bend Indiana

Abstract

As a follow-up to Ms. Boardman’s Friday presentation on, Stability in Motion: Functional Solutions for the Hypotonic Gait, she will discuss several success stories relating to application of ideas discussed in the workshop.

Biography

(see above)

AFTERNOON BREAKOUTS COMPLIANCE SESSIONS:

How to Survive the Constantly Changing World of Documentation & Regulation

Mark Ford, Director of Business Development
OPIE Software—Gainesville, FL

Abstract

O&P practices have been forced to dramatically change how they operate in order to survive in a new world of regulations, compliance, and documentation requirements. Whether it’s the new privacy rules related to the HITECH Act, preparing for ICD-10, or managing through the maze of CMS audits, these compliance requirements are here to stay. In fact, they are beginning to be used by private insurers too! This discussion will address the latest techniques to successfully manage these issues and prepare your company for the future of healthcare in the US.

Biography

Mark Ford graduated from Wittenberg University in 1988, with a degree in International Business, and immediately entered the business world. After spending several years in the banking and insurance industries, Mark moved into the health-

care field in 1999 when he joined a lower limb prosthetic limb manufacturer, Ohio WillowWood. Mark joined WillowWood as Marketing Manager and was promoted to Director of Marketing in 2000. During his tenure, Mark oversaw the acquisition of the leading CAD/CAM supplier in the industry, introduced and developed an entirely new European division, and managed the effort that led to the creation of four new CMS L-codes.

In 2008, Mark was recruited to join Touch Bionics, the developer and manufacturer of the world’s first multi-articulating prosthetic hand. He initially joined as the Director of North American Sales & Marketing and was soon promoted to Vice President of North American Operations. While with Touch Bionics, Mark oversaw dramatic sales growth of the company’s wholesale products, developed a clinical organization for direct care of a highly specialized product line, and managed the process that led to the establishment of two new CMS L-codes related to upper limb prosthetic services.

Based upon his long history in the healthcare industry, in late 2011 Mark joined O&P Digital Technologies to serve as their Director of Business Development. In his new role, Mark helps to direct all sales and marketing activities, manages the relationships with integrated suppliers and is helping to develop the new OPIE Business Builder consulting team. Mark also serves as a business consultant to several different patient care organizations within the O&P field.

Mark lives on a small farm in rural Ohio with his wife, Channin, and their two children. The family is involved in breeding and showing horses while also raising hay.

Importance of Evidence-based Justification for Documentation of Patient Care

Scott Williamson, MBA, CAE, President
Quality Outcomes, Inc. —
Fredericksburg, VA

Abstract

There is a significant shift in the way O&P is being thought about by payers. Tremendous pressure is being brought to bear on lowering overall cost of care, but there is a huge misunderstanding of the value of O&P services. We will talk about steps you can take, starting tomorrow, to change the way your care is perceived by the health care and payer communities.

Biography

Scott Williamson, MBA, CAE, is President of Quality Outcomes, a company dedicated to establishing a consensus building approach to identify broad-based O&P outcomes

data to identify and teach professional best practices. He just celebrated his 20th year in the nonprofit community and has worked in professional certification since 1992. Scott is a member of the National Quality Forum and is on the Quality Measures Research Council.

Most recently, Scott worked for the American Board for Certification in Orthotics, Prosthetics and Pedorthics, Inc. (ABC) from 2002 - 2010. He was the Director of Facility Accreditation and played a key role in establishing and maintaining the national standards for quality O&P care. Scott has been a liaison between the O&P profession and CMS during the development of the CMS Quality Standards and their mandatory accreditation program. He is currently the Chairperson of the Healthcare Knowledge Taskforce of the American Society of Association Executives, a member of the Agency for Healthcare Research and Quality (AHRQ), and a member of the National Quality Forum. In 1995, Scott earned his Master of Business Administration degree from the University of Richmond and his undergraduate degree is in Management Economics from Hampden-Sydney College. While earning his MBA, Scott worked for MWH MediCorp (a hospital holding Corp.) where he developed and maintained billing and performance data and was responsible for corporate safety and security. In 2005, Scott earned his Certified Association Executive (CAE) credential from the American Society of Association Executives (ASAE). Scott is a frequent speaker on DMEPOS accreditation processes and standards, the CMS Quality Standards, and speaks about how pending regulations and developments in the delivery of care are transforming the profession.

Steps to Successful Reimbursement

Linda Collins, Director, Market Access
Össur Americas—Foothills Ranch, CA

Abstract

Pre-authorization requirements, issues of medical necessity, and audits all impact the delivery of high end prosthetic devices. Come to this informative presentation and learn strategies for implementing best practices that will increase your chances of obtaining coverage and reimbursement for bionic products. Topics to be covered included medical policies, documentation requirements, appeals process, and resources available to your practice.

Biography

Linda Collins is the Director of Market Access in Össur's Reimbursement Department. In that role, she is responsible for helping identify and explore payer markets while also building relationships with those payers. Ms period Collins has over 20 years experience in all phases of managed care including network development, sales, account management and claims/billing. Ms period Collins has specialized in the DME/Medical Device field for the past ten years and has

significant experience with non-surgical orthopedic devices. She received her Bachelor's of Science in Psychology from the University of Iowa and a Masters of Psychology from Arizona State University. She is co-author of the Ossur Reimbursement and Regulatory Bulletin.

AFTERNOON BREAKOUTS TECHNICAL SESSIONS:

Alternative to Carbon Fiber for Flexible Composite Lay-ups

Matt Perkins, President/CEO
Coyote Design and Rehab Systems—Boise, ID

Abstract

Reduce the itch and improve safety in your lab with help of this workshop on the use of Coyote Composite in lay-ups in place of carbon fiber. Coyote Composite braid, made of volcanic rock, is a safe and tough alternative to carbon fiber. It is used in a variety of industries because of its great characteristics. The workshop will discuss the benefit and construction of flexible sockets and AFOs using Coyote Composite.

Biography

Matt is the President and CEO of Coyote Design, a manufacturer of orthotic and prosthetic components and Rehab Systems, patient care facilities in Idaho. Matt began in the industry as a technician before moving into product development and marketing and eventually taking over both companies. He is an amputee himself, and an athlete, competing in the 1998 Paralympic Games in Nagano Japan, and is a five-time ITU World Champion in triathlon.

Fabrication Techniques for the Carbon 7 AFO

Phil McGrath, O&P Tech
Hanger Clinic—Dayton, OH

Abstract

TBA

Biography

Philip McGrath was born and raised in a suburb of Pittsburgh, Pennsylvania. He graduated from Median School of Allied health within Orthotics/Prosthetic Technician degree. In is 18+ years of experience, Phil has been a technician, manager, and owner.

While working for several O&P facilities, Phil has gained a wide array of experience. This includes extensive pediatric work, fabrication, and patient interaction. Assist-

ing practitioners at the Children's Rehabilitation Center in Pittsburgh, Phil has focused on fitting and adjusting RGO and full control bracing.

Phil has had the opportunity to implement procedures for a startup fabrication facility and make management decisions pertaining to daily operations. He has also developed coding and pricing while assuring a timely expediting of client orders. Currently working for Hanger Clinic, Phil resides in Dayton, Ohio with his wife, Jean. He is a father of four and grandfather of two.

Prosthetic Considerations for the High Activity Patient

Jim Lagerstrom, CP, Midwest Area Sales Manager
Fillauer Companies—Chattanooga, TN

Abstract

Amputation is no longer viewed as the end of an active lifestyle. From the back yard to the back nine, from track and field to the battlefield, amputees are defining new limits after limb loss. The prosthetist and technician face a unique challenge in creating and adapting prosthetic devices that will to enable their patients to return to activities that in many ways, may define their lives.

The technical challenge of helping patients meet those goals requires the knowledge of component choices and the ability to adapt those components for specific sports and activities. Jim Lagerstrom, Certified Prosthetist and Paralympic Medal winner in skiing, will present component choices and prosthetic adaptations options for your active patients.

Practitioners and Technicians attending this presentation will learn about new prosthetic components, sports specific prosthetic adaptations, alignment considerations, as well as some tips and tricks that other active amputees have found helpful.

Biography

Jim has been active in the field of orthotics and prosthetics since 1986. He is a below knee amputee and started his career in patient care as an orthotic and prosthetic technician assisting staff prosthetists and orthotists with the evaluation, fabrication and fitting process.

Jim has competed in 5 Winter Paralympics in Alpine skiing, winning 2 silver and 2 bronze medals. He designed a downhill skiing prosthesis that he has presented on numerous times that has benefited many below knee amputees. He has given several motivational speeches to the O & P community, Shiner's Hospitals, Rotary Club, Lions Club, Kiwanis and Olympic Outreach programs.

Jim became certified in prosthetics by the American Board for Certification (ABC) in 2004. Prior to his certification, he worked as a prosthetic technician for 6 years. Jim has presented continuing education seminars at national, regional, state and in-facility training programs. He has

worked as a sales and marketing consultant in the O & P industry since 1994. His current position is Midwest Area Sales Manager for The Fillauer Companies.

Jim has served as a board member on the Orthotic and Prosthetics Assistant Fund (OPAF) aiding individuals with physical disabilities to benefit from the rewards of personal achievement, physical fitness and social interaction. He is currently a board member on the United States Olympic Committee (USOC) Athlete Advisory Council (AAC). He is responsible for educating athletes on the policies and initiatives of the USOC.

Exhibitors

5280 Prosthetics, LLC

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Toll-Free: 800/837-3888
Web: www.anatomicalconceptsinc.com

Description

Since 1990, Anatomical Concepts, Inc. has developed industry-leading medical devices, quality custom-fit and custom-fabricated orthoses for both upper and lower extremities. It is a team of practitioners, designers, and manufacturers utilizing advanced technology to develop superior products that not only deliver effective outcomes, but present ease-of-use for the medical professional. The company is the original concept developer of the ever popular PRAFO® Orthosis, used in medical facilities internationally. The PRAFO® Orthoses family of custom-fit AFO's, which

includes the gold standard PRAFO® Orthosis & RAPO™ Orthosis, articulating variations including the APU® Orthosis, DDA™ Orthosis, EV™ Orthosis, Dual Action Orthosis and the PKA Orthosis. These orthoses are available in adult, pediatric and also infant sizes. Anatomical Concepts, Inc. also offers the new custom-fit PENTAGON® Five-Function ROM Knee Orthosis & the KMO™ (Knee Management Orthosis) in adult and also pediatric sizes. Another addition to our knee products is the custom-made V-VAS™ Orthosis. This varum-valgum adjustable stress custom offloading knee orthosis will help all of your OA patient's needs. Also ask us about our Pre-fab KAFO products, our highly demanded ELLIOTT™ Patient Management System which is used in rehab facilities throughout the country and our unique ROM elbow orthoses.

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Description

Baker College of Flint is the site of an NCOPE accredited technician program that has been offering this career oriented Associates Degree for over a decade. We are staffed by practitioners and technicians who are passionate about providing the basis for developing skilled individuals that can add value to the O&P professions and practices.

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Description

Bulldog Tools, Inc. is a family owned and operated Genuine U.S.A. Company providing Prosthetic and Orthotics supplies. We are located in Lewisburg, Ohio near Dayton. We specialize in designing, engineering, and manufacturing our own line of certified high quality products and materials at a revolutionary low cost while continuously providing new and innovative products. At Bulldog, it's our unsurpassed commitment to make our valued customers and their customers happy by simply treating them with straight forward respect, fairness, and honest business practices while providing the best products at the best prices we ourselves would want and expect.

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Description

Cascade Dafo, Inc. created the original DAFO® (Dynamic Ankle Foot Orthosis) in 1985. Today they manufacture the most complete system of pediatric lower-extremity bracing in the industry, including custom and prefabricated devices. Cascade believes better mobility gives all children a wider range of experiences, greater success in their activities, and more control over their lives. To that end, the company is committed to providing innovative orthoses unmatched in quality, fit, and function—complete with a full 90-day warranty. At Cascade Dafo product design, technical support, education, and research and development have a sole focus: helping kids lead healthier, happier lives.

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College Park Industries designs and manufactures a full line of anatomically correct, customizable prosthetic foot and ankle systems. We continue to transform lower-limb prosthetic technology through incorporation of innovative electro-mechanical devices like the award-winning iPecs®. The College Park tagline for the past 25 years, "Technology for the Human Race," encapsulates our passion for creating new benchmarks in prosthetic design and restoring maximum function for lower limb amputees of all ages and activity levels. For more information, visit www.college-park.com or call 800-728-7950.

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Description

OPGA (Orthotics & Prosthetics Group of America) is the largest network of independent O&P facilities in the nation. OPGA is a full line member service organization with benefits/services that are aimed at advancing the independent

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The Adaptive Adventure Sports Coalition (TAASC)

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The Bremer Group Company

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Description

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