



The Ohio Chapter
American Academy
of
Orthotists and Prosthetists

2010 Annual Spring Meeting

April 17, 2010
Hilton Hotel at Easton Town Center
Columbus, Ohio



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Welcome

to the very exciting 2010 Ohio Chapter—AAOP

Annual Spring Technical meeting. The 2010 meeting offers a unique and innovative program and venue for orthotists, prosthetists, pedorthists, technicians, and allied health professionals.

This year's meeting features, for the first time, two half-day workshops on Friday, April 16th. The workshops are free to registrants of the Saturday meeting. The sessions are presented by Davin Heyd, CO, Bracemasters International, LLC, and Rob Kirstenberg, MPH, CP, LP, FAAOP. Each workshop is four-hours long with certification and PCE credits for attendees.

Davin Heyd covers, "Alignment and Fine Tuning of Pediatric and Adult AFOs, Utilizing the Strathclyde Approach and the Dynamic Response Ankle Foot Orthosis" (Davin will also present a brief version of his session on Saturday). Rob Kistenberg's prosthetic workshop will be the "Touch Bionics I-Limb Certification Course."

Saturday's general session once again features Rob Kistenberg, one of the country's great teachers and presenters, who will speak on his international work and how practitioners might get involved.

Following Kistenberg, a very special guest, Dana Bowman, SFC (Ret.), will present, "Its Not the Disability, its the Ability". Bowman's story is poignant, yet—ultimately—profoundly uplifting. He has held



audiences from around the world spellbound. You will not want to miss Sergeant First Class Bowman's account of his frightening and tragic accident and his ultimate recovery and life journey.

The afternoon session on the Saturday once again provides the four breakout groups so well-liked by attendees—prosthetics, orthotics, pedorthics and technical.

The Chapter meeting will host approximately 60 exhibits consisting of many of your favorite companies with new technologies to show you and new services to offer. There will also be new vendors with exciting products for your evaluation.

The Board of Directors and staff of the Ohio Chapter sincerely hope you enjoy this year's very special meeting and find it fulfilling professionally. As always, your feedback and comments are important to us, so be sure to complete your attendee evaluation to let us know what you liked and what we can do to improve.



Featured Speakers at the Ohio Meeting

Keynote Speaker: Rob Kistenberg

Robert S. Kistenberg, MPH, CP. FAAOP is Prosthetics Clinical Coordinator for the Master of Science Program in Prosthetics & Orthotics; Georgia Institute of Technology in Atlanta, Georgia. Kistenberg received his B.S. at the University of North Carolina and Long Term Certificate Program in Prosthetics from University of California, Los Angeles, California. He earned his Master of Public Health from the University of Houston Health Science Center. (Thesis Title: *Amputation Prevention Strategies in Developing Nations: A Study of Belize.*)

He is a Fellow of the American Academy of Orthotics and Prosthetics and is an American Board for Certification, Inc.-certified Prosthetist. He is Southeast Region Clinical Coordinator for LIVING-SKIN Prosthetics and is Vice President of Prosthetic Hope International (formerly Sonrie, Inc.), committed to providing prosthetic and orthotic care and rehabilitation services for the disabled in Central America and the Caribbean. He also serves as Clinical Director of

Project Hope Belize (PHB) a Belizean charity dedicated to the provision of prosthetic and orthotic rehabilitation.

Kirstenberg is Director of Digital Resource Foundation for Orthotics and Prosthetics (DRFOP) and holds memberships in the American Academy of Orthotists & Prosthetists, ISPO, Association of Children's Prosthetic and Orthotic Clinics, Amputee Coalition of America and the Georgia State Orthotic and Prosthetic Association.

Kistenberg serves as Chairman of the United States National Member Society of the International Society of Prosthetics and Orthotic. He established the Prosthetic Orthotic Component Clearinghouse (POCC) in coordination with the Barr Foundation and Medshare (Atlanta). He is currently involved in various activities supporting and coordinating Haitian relief.



Special Presenter: Dana Bowman, SFC (Ret.)



Dana Bowman has astounded the nation and the world with his drive, determination, and will to succeed. He is a retired First Class Sergeant with the U.S. Army where he was a Special Forces Soldier and a member of the U.S. Army's elite parachute team, the Golden Knights. Dana Bowman is a double amputee. He lost his legs in an accident during the annual Golden Knights training in Yuma, Arizona, in 1994.

On February 6, 1994, Bowman gained worldwide attention when he and his teammate Sgt. Jose Aguillon collided in midair during the team's annual training. Bowman and Aguillon were practicing a maneuver known as the Diamond Track. The maneuver calls for the jumpers to streak away from each other for about a mile and then turn 180 degrees and fly back toward each other crisscrossing in the sky. Bowman and Aguillon had demonstrated the Diamond Track more than fifty times without a mistake, but this time was different.

Rather than crisscrossing, the two skydivers slammed into each other at a combined speed of 300 miles per hour. Aguillon died instantly. Bowman's legs were severed from his body, one above the knee and one below the knee. Bowman's parachute opened on impact. He was taken to a hospital in Phoenix where doctors closed his leg wounds and stopped his internal bleeding.

Nine months later, he turned this tragedy into a triumph when he became the first double amputee to re-enlist in the United States Army. Bowman re-enlisted in the United States Army airborne style, skydiving with his commander into the ceremony, making his dream a reality. This achievement is just one example of Bowman's many successes under adverse circumstances.

After Dana's re-enlistment, he became the U.S. Parachute Team's lead speaker and recruiting commander. Dana has been fortunate to have the opportunity to let his speeches touch so many from the physically challenged to the able-bodied. He strives to show physically challenged people can still work and excel in today's society and military. Dana emphasizes the words amputee and uselessness are not synonymous.

Dana has given more than 1000 speeches in the last few years and has been featured in magazines such as Sports Illustrated, Reader's Digest, People and many more. There have also been numerous television programs, which focused on Dana and his story. Some of the programs include: Dateline, A Current Affair, Real TV, NBC Person of the Week, Day and Date and Extra.

Dana retired from the United States Army in 1996. He received his bachelor's degree in commercial aviation from UND Aerospace in Grand Forks, North Dakota in May of 2000.

Dana spends a great deal of his personal time working with other amputees and disabled or physically challenged people. He also spends time at different military hospitals helping the wounded soldiers during the current world situation. He enjoys visiting patients at numerous healthcare facilities while on the road speaking.



The Ohio Chapter-AAOP 2010 Annual Spring Technical Meeting

*April 16–17, 2010
Hilton Hotel–Columbus*

~~~ Program ~~~

General Sessions

- 7:45–8:30** **Journal Club (Prosthetics)**
Facilitator: Mark Shamp, CP
Shamp Bionics
- 8:00 – 8:45** **Registration, Continental Breakfast and Exhibit Hall**
- 8:45 – 9:00** **Opening Remarks**
David Garcia, LP, L.Ped
Manuel Garcia Prosthetic and Orthotic Centers
- 9:00 – 10:00** **P&O International Outreach: What to Do, What Not to Do**
Rob Kistenberg, MPH, CP,, LP, FAAOP
Georgia Institute of Technology Prosthetics Clinical Coordinator
– Master of Science Program in Prosthetics and Orthotics
- 10:00 – 10:30** **Break/Exhibits**
- 10:30 – 11:15** **It's Not the Disability; It's the Ability**
Dana Bowman, SFC (Ret.)
- 11:15 – 12:30** **Partial Hand Restorations**
Bill Hanson, President
Liberating Technologies, Inc.
- 12:30 – 1:30** **Lunch/exhibits**

Prosthetic Break-out Sessions

- 1:30 – 2:30** **New Advancement in Elevated Vacuum the Symmetry Way**
Dana Bowman, SFC (Ret.)
Rick Scussel, CPO (Co-founder/Inventor)
Symmetry Prosthetics, Inc.
- 2:30 – 3:30** **M-Fingers**
Bill Hanson, President
Liberating Technologies, Inc.
- 3:30 – 3:45** **Break**
- 3:45 – 4:45** **A Gait Lab without Walls**
Michael Link, CP
College Park Industries
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Orthotic
Break-out
Sessions

- 1:30 – 2:30** **Advancements in Functional Bracing/OA Bracing and the Role of Magnesium in Brace Design**
Gary Bledsoe
Bledsoe Brace Systems
- 2:30 – 3:30** **Custom Made Devices-Time Saving Strategies for Successful Product Outcomes: Orthotic Considerations**
Jeff Kuhn, RTO
Elite Orthotics, Inc.
- 3:30 – 3:45** **Break**
- 3:45 – 4:45** **Alignment and Fine Tuning of Pediatric and Adult AFOs, Utilizing the Strathclyde Approach and the Dynamic Response Ankle Foot Orthosis: A Brief Overview**
Davin Heyd, CO
Bracemasters International, LLC Elite Orthotics, Inc.

Pedorthic
Break-out
Sessions

- 1:30 – 2:30** **Pedorthic Care of the Partial Foot**
Erick Janisse, CO, C.Ped
National Pedorthic Services
- 2:30 – 3:30** **Advancements and Indications of Walker Boots and Ankle Braces**
Gary Bledsoe
Bledsoe Brace Systems
- 3:30 – 3:45** **Break**
- 3:45 – 4:45** **Shoes, an Integral Part of Wound Management**
Don Weldon, CO, C.Ped
Advanced Anatomical Design

Technical
Break-out
Sessions

- 1:30 – 2:30** **Exposure to Toxic Chemicals in Prosthetic Fabrication**
Rob Kistenberg, MPH, CP, FAAOP
Georgia Institute of Technology Prosthetics Clinical Coordinator
—Master of Science Program in Prosthetics and Orthotics
- 2:30 – 3:30** **Upper Extremity Fab Techniques: Old and new**
Jim Williams
Peaster & Williams Central Fab
- 3:30 – 3:45** **Break**
- 4:00 – 4:45** **Custom Made Devices—Time Saving Strategies for Successful Product Outcomes: Technical Considerations**
Jeff Kuhn, RTO
Elite Orthotics, Inc.

New for 2010
Friday Half-day Workshops
April 16, 2010

- 1:00 – 5:00** **Alignment and Fine Tuning of Pediatric and Adult AFOs, Utilizing the Strathclyde Approach and the Dynamic Response Ankle Foot Orthosis: In-depth with demonstrated casting and fitting**
Davin Heyd, CO
Bracemasters International, LLC
- 1:00 – 5:00** **i-Limb Certification Course**
Robert S. Kistenberg, MPH, CP, FAAOP
Touch Bionics

Note: Space is limited, indicate your preference on registration form.

Program

Friday Workshops:

Alignment and Fine Tuning of Pediatric and Adult AFOs, Utilizing the Strathclyde Approach and the Dynamic Response Ankle Foot Orthosis

Davin Heyd, CO

Bracemasters International — New Berlin, WI

Description

The workshop goes into detail on history of dynamic bracing, key characteristics of core stabilization and, most importantly, in-depth evaluation, casting, and fitting/fine tuning of the orthosis to the patient. This is done with either an actual patient (ideal) or through the use of video presentation on an actual patient so that attendees can see the key attributes to the process. Participants also get a DVD of the process for review.

Biography

Davin T. Heyd, C.O received his bachelor's degree at Concordia College in Moorhead, MN. He received his orthotic training at Century College in White Bear Lake, MN. He attended an accredited Orthotic Residency program at the University of Oklahoma Health Sciences Center, Oklahoma City, OK, and was certified by the American Board for Certification in orthotics. He designed and developed the O.U. Ankle Joint and Motion Control Limiter, two orthotic lower limb devices. He received a Quality Service Award from the governor of Minnesota in 1994, and was awarded Most Outstanding Student at Century College, for 1995-96. He is an Examiner for the Clinical Patient Management

Exam through the American Board for Certification in Orthotics and Prosthetics. Mr. Heyd also formerly served as President of the Minnesota Chapter of the Academy for Orthotics and Prosthetics, Chairman for the Technical Exam Committee through the American Board for Certification in Orthotics and Prosthetics, and Chairman for the Lower Limb Orthotic Society for the Academy for Orthotics and Prosthetics. Mr. Heyd has worked for twenty-two years as a technician and orthotist. Prior to coming to work at Bracemasters international, Mr. Heyd was the Director of orthotics and prosthetics at Rehabilitation Medical Supply. Mr. Heyd was the Central Fabrication Manager with Orthomerica Products, Inc. from 2000 to 2005 where he was responsible for the manufacture and development of numerous Orthotic devices including the line of cranial remolding orthoses.

i-Limb Certification Course

Rob Kistenberg, CP, MPH, FAAOP
Touch Bionics — Hilliard, OH

Description

Since the launch of the i-LIMB Hand in 2007, more than 1,200 patients worldwide have been fitted with the first powered prosthetic hand to incorporate articulating fingers. The i-LIMB Hand is the world's first microprocessor controlled, myoelectric hand with five articulating digits, including a rotatable thumb, to offer users a range of grip patterns previously unavailable to them. With a range of covering options available in a variety of different sizes, including low profile feminine, the i-LIMB Hand is designed to meet the varied needs of its users.

Touch Bionics' training sessions cover basic grip patterns, product updates, coverings, clinical background, patient training (OT Protocol), patient study, and service and support.

Biography

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Saturday General Sessions:

Journal Club (“The Prevalence of Dermatological Problems for Transtibial Amputees Using a Roll-on Liner”)

*Mark Shamp, CP, Facilitator/Moderator
Shamp Bionics—Akron, OH*

Description

This new feature of the Ohio Meeting, instituted in the Fall '09 meeting was so well-received that the Chapter has decided to keep it as an offering to attendees. This year's article for discussion will be e-mailed to registrants and made available at the registration desk as well. This is a great way to meet friends and colleagues and discuss issues of topical importance of the day.

P&O International Outreach: What to do, what not to do

*Rob Kistenberg, MPH, CP, LP, FAAOP,
Coordinator of Prosthetics, MSPO Program
Georgia Institute of Technology/Prosthetics
Clinical Coordinator—Master of Science
Program in Prosthetics and Orthotics—Atlanta,
GA*

Description

This presentation will provide an overview of the different methods that P&O international outreach has performed, including the benefits of the different approaches as well as the drawbacks.

Biography

(See above)

It's not the Disability; It's the Ability

*Dana Bowman, SFC (Ret.)
— Weatherford, TX*

Description

We all have myriad disabilities. As a living example himself, Dana shows us how to focus on what we

can accomplish, and encourages the physically challenged and the able-bodied to achieve their goals—no matter how wonderfully large or seemingly small. As Dana's highly personal and passionately told story illustrates, abilities are endless. Disabilities are nonexistent.

Biography

An Incredible Story of Spirit and Determination.
It's not the disability, it's the ability.

Dana Bowman has astounded the nation and the world with his drive, determination, and will to succeed. He is a retired First Class Sergeant with the U.S. Army where he was a Special Forces Soldier and a member of the U.S. Army's elite parachute team, the Golden Knights. Dana Bowman is a double amputee. He lost his legs in an accident during the annual Golden Knights training in Yuma, Arizona, in 1994.

On February 6, 1994, Bowman gained worldwide attention when he and his teammate Sgt. Jose Aguillon collided in midair during the team's annual training. Bowman and Aguillon were practicing a maneuver known as the Diamond Track. The maneuver calls for the jumpers to streak away from each other for about a mile and then turn 180 degrees and fly back toward each other crisscrossing in the sky. Bowman and Aguillon had demonstrated the Diamond Track more than fifty times without a mistake, but this time was different.

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strives to show physically challenged people can still work and excel in today's society and military. Dana emphasizes the words amputee and uselessness are not synonymous.

Dana has given more than 1000 speeches in the last few years and has been featured in magazines such as Sports Illustrated, Reader's Digest, People and many more. There have also been numerous television programs, which focused on Dana and his story. Some of the programs include: Dateline, A Current Affair, Real TV, NBC Person of the Week, Day and Date and Extra.

Dana retired from the United States Army in 1996. He received his bachelor's degree in commercial aviation from UND Aerospace in Grand Forks, North Dakota in May of 2000.

Dana spends a great deal of his personal time working with other amputees and disabled or physically challenged people. He also spends time at different military hospitals helping the wounded soldiers during the current world situation. He enjoys visiting patients at numerous healthcare facilities while on the road speaking.

Partial Hand Restorations

Bill Hanson, President

Liberating Technologies, Inc. — Holliston, MA

Description

It is estimated that approximately 42% of all upper-limb amputations are partial hands or fingers. Therefore, this is a common occurrence and a significant problem for prosthetists who deal with upper-limb prosthetics. Unfortunately relatively little attention has been paid to this population and as a result the prosthetist has limited choices for treatment. The clinician must decide if they want to provide a cosmetic restoration or a more functional device. Functional devices vary by amputation level and solutions for patients with amputations at the metacarpal joints differ from those with either more distal or more proximal amputations. This session will describe these prosthetic options.

Biography

William Hanson is President of Liberating Technologies, Inc. (LTI), a Massachusetts-based corporation specializing in upper-limb prosthetic devices for adults and children. The company was originally

part of the Liberty Mutual Research Center for Safety and Health (Liberty Mutual Insurance Group) and through a management acquisition, became independent in 2000. In addition to designing and manufacturing state-of-the-art prosthetic devices, the company also imports products from two of the leading international suppliers of prosthetic and orthotic components. The product line includes; the Boston Arm, electric, passive and mechanical hands, wrists, shoulders, gloves, batteries, chargers, input devices and prosthetic controllers. LTI provides technical support and services the products it sells.

Prosthetic Sessions

New Advancement in Elevated Vacuum the Symmetry Way

*Dana Bowman, SFC (Ret.)
Rick Scussel, CPO, Co-founder/Inventor
Symmetry, Prosthetics Inc. — Dothan, AL*

Description

It can't be done. That's what industry manufacturers said to Symmetry Founder Rick Scussel. He knew better. "I have patients who've been told that. They've heard, 'You'll never walk again. It can't be done.' They didn't believe it when they heard it, and I didn't either!"

After months of developing a working prototype and refining his original concept, Scussel had a suction-based socket and liner system that provides many advantages over conventional prosthetics. Symmetry's unique silicone liner is completely contained inside the socket, allowing for a much lower socket wall with no external sleeve. This provides ultimate comfort, greater mobility and increased range of motion, resulting in a much lighter feeling prosthesis.

Clinics across America are quickly stocking the Symmetry system and changing lives one step at a time

Biography

Rick Scussel is the co-founder/inventor of the Symmetry System. After graduating from Auburn University, Rick decided to attend Northwestern University to become a CPO. Rick lives in Dothan,

AL with his wife and two kids. He has been in the prosthetic world for over 25 years and he has forever changed the way everyone will now look at elevated vacuum.

M-Fingers

*Bill Hanson, President
Liberating Technologies, Inc. — Holliston, MA*

Description:

M-Fingers are the latest development in products for partial hand restorations. Unlike previous prosthetic solutions, M-Fingers provide functional restoration for patients with amputations at the metacarpal joints or the proximal phalanges. This system enables the patient to grasp irregular shaped objects effectively and achieve different grasp patterns. Recent developments in powered fingers may become an option, but body-powered prostheses provide a cost-effective solution that is easy to fabricate and simple for the patient to use. M-Finger kits allow the prosthetist to customize the prosthesis for the patient, providing appropriate fingers or finger segments as required. This session will focus on the components and assembly techniques for M-Fingers.

Biography

(See above)

A Gait Lab without Walls

*Michael Link, CP
College Park — Fraser, MI*

Description

Break down the walls and get lab quality results from real-world activities. In the quest for accurate patient outcome measures, College Park will be presenting their new research-grade tool, the iPecs (Intelligent Prosthetic Endo Component Systems). Equipped with a wireless load cell with six degrees of freedom, the iPecs is able to accurately measure all the forces and moments of amputee gait. Unobtrusive and light weight, the it can measure forces from everyday activities—in everyday environments—in real time. The demonstration will show the vital link of utilizing this technology to better understand the functional benefits of components, alignment and socket forces, with discussions relating to current and future applications.

Biography

Michael Link, CP Is a certified prosthetist with 30 years experience in the field. He is currently the Technical Director for College Park and is responsible for Technical/Customers Service, International Sales and heavily involved in new product development and product improvement programs.

Orthotic Sessions

Custom Made Devices-Time Saving Strategies for Successful Product Outcomes: The orthotic case

Jeff Kuhn, RTO

Elite Orthotics, Inc. —Zelienople, PA

Description

The goal of this presentation will be to focus on methods of streamlining processes and to see orthotics from a different perspective. Emphasis will be on critical areas of importance needed to assure successful product outcomes. Discussion will include several simple techniques that will help reduce the time and cost involved with custom made Orthotic products. This session will show how a little bit of your time invested early will pay dividends in the end.

Biography

Jeff Kuhn, an ABC registered technician and the owner and President of Elite Orthotics, Inc., has been in the orthotic industry since 1985. His professional experience includes work as a hands-on technician as well as holding supervisory positions for several well-known O & P facilities spanning five different states throughout the country. In 1998, Jeff opened Elite Orthotics, Inc., an Orthotic Central Fabrication company located just north of Pittsburgh, Pennsylvania. For the past five years he has dedicated his time toward researching new methods and materials with the objective of improving fit,

comfort, and overall patient satisfaction. With his experience and knowledge of the orthotic industry, Jeff has taken Elite Orthotics, Inc. from a simple one room shop to a modern, state-of-the-art facility that provides services to customers throughout the United States.

Alignment and Fine Tuning of Pediatric and Adult AFOs, Utilizing the Strathclyde Approach and the Dynamic Response Ankle Foot Orthosis: A brief overview

Davin Heyd, CO

Bracemasters International—New Berlin, WI

Description

Over the past three years we have been utilizing the alignment techniques and fine-tuning process developed at Strathclyde University, Scotland UK. We have found that achieving quality gait characteristics has greatly improved and we have discovered that, as per their statements, ROM changes can be positively affected with solid ankle AFOs. Incidence of fitting issues has decreased as well as noted standing balance and stability are better. It also came to light during this time that current methodology may not be appropriate and, in fact, may be causing increased tone and potential deformity of the foot and ankle structure. The approach at Strathclyde is one of the first documented and studied alignment and fine-tuning process in the orthotic industry. The Dynamic Response Ankle Foot Orthosis (DRAFO) is a completely new approach to orthotic intervention in treating children and adults with varying neuromuscular and orthopedic pathologies. Teamed with the new assessment and alignment techniques outlined above, this new design changes how we have addressed gait in the past. The flexibility of the design allows for many configurations and ground reaction biomechanics. Flexible, yet rigid, the DRAFO has reduced historic pressure issues and enhanced gait mechanics while allowing total contact control in a very streamlined orthosis. Attendees will learn about the function and applicability of this orthosis as well as a simplified understanding of the key gait characteristics and fine tuning process that needs to occur to achieve maximum results. The goal of this presentation is to

explain this processes of alignment and the orthosis in a simplified fashion and to demonstrate via case presentations the success of utilizing this process.

Biography
(See Above)

Advancements in Functional Bracing/OA Bracing and the Role of Magnesium in Brace Design

*Gary Bledsoe, President
Medical Technology, Inc.—Bledsoe Brace
Systems—Oklahoma City, OK*

Description

The biomechanics of Functional and OA bracing are presented along with new techniques in dynamic bracing and the use of lighter weight materials such as magnesium are discussed

Biography

Gary Bledsoe is the President of Medical Technology, Inc.—Bledsoe Brace Systems. He has over thirty years experience at the leading edge of post-operative and functional brace design, and has numerous patents in this area. Mr. Bledsoe gives dozens of lectures and seminars each year on the fundamentals and biomechanics of bracing. He is currently on lecture circuits in Europe, Russia, China, Cuba, Japan, and the United States, specifically on the fields of Biomechanics of Bracing, Neuro-Physiology of the Knee, and Biomechanical Principles of Diabetic Walking Boots.

Mr. Bledsoe's educational background includes majors in BioChemistry and Engineering (with minors in Math, Physics and Biology) at the University of Texas at Arlington and the University of Texas Health Science Center (Southwest Medical School) in Dallas. Additional coursework includes Biomedical Engineering courses at MIT. His career experience includes Chemical Research, Chemical Plant Design and Project Management, Business Management and Biomechanical Engineering.

Pedorthic Sessions

Advancements and Indications of Walker Boots and Ankle Braces

*Gary Bledsoe, President
Medical Technology, Inc.—Bledsoe Brace
Systems—Oklahoma City, OKK*

Description

The biomechanics and key features that make walker boots and ankle braces function properly are described along with some specialty applications and variations of these products that are unique

Biography
(See Above)

Pedorthic Care of the Partial Foot

*Erick Janisse, CO, C.Ped, Director, St. Louis
National Pedorthic Services—Milwaukee, WI*

Description

Amputation is not necessarily an admission of failure. While sometimes unavoidable, it can be the first step to returning a patient to an active and healthy lifestyle. The primary goals of the certified pedorthist when working with partial foot amputees is to restore stability and function lost due to an amputation, facilitate energy-efficient gait, maintain support, and prevent any further complications. In this session, we will review the causes of partial foot amputations, the different levels of amputation and the role a pedorthist plays in the care of partial foot amputees using shoes, shoe modifications, foot orthoses and AFOs.

Biography

Erick Janisse is an ABC-certified pedorthist and orthotist. He is currently vice president of National Pedorthic Services, Inc and has been involved with pedorthics since 1993. Mr. Janisse is a respected clinician, author and speaker. His publishing credits include textbook chapters, medical journal articles and numerous trade and health magazine articles. He has been invited to lecture about pedorthics and orthotics internationally and across the United States, working with PFA, AOPA, AAOP, AOFAS,

APMA, Washington University School of Medicine, Scott & White and Ball State University, among others. He resides in St. Louis, MO with his wife.

Shoes: an Integral Part of Wound Management

*Don Weldon, CO, C.Ped
Advanced Anatomical Design—Canfield, OH*

Description

This presentation emphasizes the importance of protecting the at-risk foot from skin breakdown from wearing footwear. In addition, this session will discuss the importance of the team approach, which includes patient, physician, nursing, and other necessary, skilled allied health professionals.

As a board-certified pedorthist, I am sometimes the first to see a patient with an open wound. These can be new, or former patients, coming in for evaluation, fitting or follow-up appointments. These patients usually have one common denominator, which is neuropathy. Recognizing the type and grade of wound is important, but the management is the same. If the patient has not seen a physician regarding the wound, they need to be referred to their physician or an emergency room as soon as possible. If they have seen a physician for wound care, the physician has given them a prescription for footwear for ulcer treatment.

Because of the neuropathy, most patients are visually aware that something is wrong, but because the injury does not hurt, the wound is not always a priority in their minds. This is when the patients immediate and ongoing education and communication are important; it is vital to explain to the patient the importance of checking their feet, or having a family member do so. Unfortunately, the significance of this information may not become apparent to the patient until an amputation is necessary.

Wound management can be successful with the proper pedorthic management; however, we pedorthists are only one aspect of an important team with one common goal of maintaining patient health for an active lifestyle

Biography

Don Weldon started in the O&P profession as a technician in the fall of 1984 at the Cleveland Clinic Foundation. He became a Certified Pedorthist in 1990, and served on the Board of Directors for the Board of Certification in Pedorthics from 1990 until

2000. He has been chairperson as well as presented at numerous PFA sponsored seminars. He left the Cleveland Clinic in June of 2000 and became a BOC Orthotist in 2001. Currently, he is licensed in Orthotics and in Pedorthics and is part owner of Advanced anatomical Design in Canfield, Ohio.

Technical Sessions

Exposure to Toxic Chemicals in Prosthetic Fabrication

*Rob Kistenberg, MPH, CP, LP, FAAOP Coordinator of Prosthetics, MSPO Program
Georgia Institute of Technology/Prosthetics Clinical Coordinator—Master of Science Program in Prosthetics and Orthotics—Atlanta, GA*

Description:

Exposure to Toxic Chemicals in Prosthetic Fabrication: This presentation will review the fabrication processes used in prosthetic manufacturing as well as exposures to toxic agents there from

Biography:

(see above)

Custom Made Devices and Time Saving Strategies for Successful Product Outcomes: The technical case

*Jeff Kuhn, RTO
Elite Orthotics, Inc.—Zelienople, PA*

Description

The goal of this presentation will be to focus on methods of streamlining processes and to see orthotics from a different perspective. Emphasis will be on critical areas of importance needed to assure successful product outcomes. Discussion will include several simple techniques that will help reduce the time and cost involved with custom made Orthotic products. This session will show how a little bit of your time invested early will pay dividends in the end.

Biography:

(See Above)

Upper Extremity Fab Techniques: Old and new

Jim Williams

*Peaster & Williams Central Fab—Cummings,
GA*

Description

This session will concentrate on fabrication of upper extremity prosthetics to include body powered and externally powered limbs using thermoplastics, resins, as well as many types of fabrics. Some coverage of components will all so be covered

Biography

Jim Williams has been a central fab technician for the past 24 years with the last 18½ years concentrating on upper extremity. He started with the SPS Central Fab in January of 1986 through June, 2001. After the shop closed, Jim and his partner, Johnny Peaster bought the equipment and opened their own fab facility which is still in operation. Peaster & Williams Central Fab's main focus is on UE fabrication.

Exhibitors

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Cascade Orthopedic Supply has been an O&P distributor in the US for over 30 years. We represent over 200 industry suppliers. We have two fully stocked warehouses, one in Chico, CA, and the other in Lancaster, PA. Cascade provides the convenience of a one-stop-shop and offer competitive volume-based discounts. We value our customers and take pride in their business success.

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