Since being introduced over 20 years ago, the Alpha Family of liners has grown to include a variety of fabrics, interface materials, and profiles. This presentation will provide an overview of the various options, and will identify the clinical applications for which each liner is best suited. Emphasis will be placed on the most recent additions to the product line, such as the capability to stabilize the residual limb skin temperature.

Presenter by Jennifer Dowell, CPO - WillowWood

WillowWood One Transfemoral Socket System – Certification Course

This workshop will detail the components of a system developed by WillowWood in response to a Department of Veterans Affairs request to improve the fit, function, and comfort of prosthetic sockets for Veterans with transfemoral amputations. Fabrication and fitting techniques, along with outcomes research and a demonstration, will be provided.

Presenter by Jennifer Dowell, CPO - WillowWood

Using Spectracarb in Your O&P Fabrication

SpectraCarb is a unique tubular stockinette developed specifically for the O&P industry by Comfort Products. It is a combination of Spectra and Carbon fibers. It is, pound-for-pound, ten times stronger than steel, and more durable than polyester. Spectra is common in body armor and as reinforcement for military boat hulls that need bullet-proof capabilities. Carbon fiber has become common in orthotic and prosthetic applications. Technicians appreciate that the material does not itch, while practitioners love the heat-and-relieve characteristics that allow changes in the laminated device with use of a heat gun.

Presented by Fred Lanier - Comfort Products

Current Concepts in Diagnostic Socket Fabrication Utilizing Chrystal Ringmaster Technology

Traditional PETG/Vivak has been the prevalent choice for diagnostic check socket fabrication for decades. The inability to achieve repeatable results has been centered on how the fabricators thermoform. Utilizing a preformed ring/frame appliance that holds the thermoplastic will help decrease errors and assist the technician in keeping wall thickness consistent. Currently, a new proprietary ring that utilizes high quality Vivak offers the technician greater control in their fabrication methods. The Ringmaster technology sheet offers an alternative that will help decrease bad pulls & waste.

Presented by Daniel Hickey, Technical Fabrication Manager - Bulldog Tools
Prosthetics Track

3:30-4:00  BREAK - EXHIBIT HALL

4:00-6:00  Lower Limb Cosmetic Covering
            This presentation goes over the “how to” fabricate prosthetic cosmetic covers. Attendees will get first hand exposure on fabricating AK/BK covers that are widely used today.
            Presented by Brad Mattear, LO, CPA, Central US & National Strategic Account Manager - Cascade Orthopedic Supply, Inc.

6:00-6:30  Oklahoma State Meeting

6:30-8:00  RECEPTION - EXHIBIT HALL
            Sponsored by PrimeCare Management Services

Saturdays • April 23

7:00-8:00  EXHIBIT HALL OPENS

8:00-10:00  Socket-less Socket Transfemoral – NASA Research Leads to Transfemoral Fabric Socket Technology
            Sockets have been re-invented from the ground up. No more static socket shape. No more hard ischial seat. No more loss of suction. Using NASA-based hammock-fit technology, the socket-less socket truly conforms to the user, providing a custom-fit socket every time. Fitting a prosthetic socket is now micro-adjustable in real-time, eliminating the need for antiquated casting, modification, and iterative test socket fitting methods from the past. The open air designs makes wearing the prosthetic significantly lighter, cooler, and more breathable.
            Presented by Jay Martin, CP, LP, FAAOP - Martin Bionics Innovations, LLC

10:00-10:30  BREAK - EXHIBIT HALL

10:30-12:30  Socket-less Socket Transfemoral – NASA Research Leads to Transfemoral Fabric Socket Technology
            (Continued)
            Presented by Jay Martin, CP, LP, FAAOP - Martin Bionics Innovations, LLC

12:30  MEETING CONCLUDES
A New Age of Carbon Graphites and the Use of Gait Analysis to Enhance Outcomes and the New Custom Matrix AFO

With the advent of new methodologies and materials a focus is on a paradigm shift from the traditional materials to new improved carbon composites. When making decisions regarding patient care there should be evidence regarding the best options for intervention. This course is designed for CPOs, COs, CPs, CGAs, CRPs and ECPs who want to increase their knowledge of gait biomechanics and gait analysis using new technologies such as Video Observational Gait Analysis. Participants will develop a better understanding of normal gait as well as gait deviations that are typically observed in patients who walk with an orthosis. New improved carbon graphite orthoses for patient care will also be discussed. Trulife will be introducing and teaching the NEW Custom Matrix System. This new Custom Matrix AFO will provide patients with neurological conditions tri-planar control and a true custom fitting orthosis that we have been unable to achieve with current OMT designs.

Most of us are resistant to new approaches which challenge our long standing practice. Gait analysis using the BTS G-Walk system as well as other low cost gait analysis to increase the efficacy of patient care will be also discussed. How to use new methodologies to enhance documentation of patient progress and outcomes in orthotic and prosthetic care as well as look at the efficacy of our product selection, will be explored.

Presentation will include hands on teaching of the New Carbon Matrix System which will enhance patient care and outcomes using carbon graphite technology. New gait analysis technology, terminology and data interpretation will also be discussed. Lectures and case study presentations will encourage participants to develop a basic understanding of normal gait and familiarize themselves with deviations that are typically observed in persons who walk with an orthosis.

Presented by Jackie Valdez, CO, FAAOP, Director of O&P Education - Trulife

Customized Orthotic Solutions for Pediatric Hip Challenges - Certification Course

Certification Course and Fitting Lab for S.W.A.S.H. (Sitting, Walking And Standing Hip), a variable hip abduction orthosis. In this course we will cover:
• Assessment of functional and postural outcomes of pediatric patient with hip instability
• Biomechanics for hip and factors leading to hip displacement
• Dynamic principles of hip abduction orthotic management
• Patient assessment for customized S.W.A.S.H. orthosis
• Assembling, fitting, and adjustments for S.W.A.S.H. orthosis

Presented by Robert Meier, CO, BOCO - Allard USA

12:30-1:30 LUNCH - EXHIBIT HALL

Sponsored by the American Board for Certification
Orthotics Track

1:30-3:30  “The Spine” - Orthotic Intervention, Coverage Criteria and Coding Guidelines

With the knee bracing and supports market is anticipated to be the largest segment within the U.S. orthopaedic bracing and support market by 2018, the overall growth of the market will be driven by spinal braces. The spinal orthotic devices segment is growing at a particularly fast rate due to the strong correlation between an aging population and the incidence of lower back problems requiring support devices. This program is an overview of anatomy and includes cervical, thoracolumbosacral (TLSO), lumbosacral (LSO), lumbar (LO) and sacral (SO) orthoses in both prefabricated and custom formats. Coverage criteria, coding and new ICD-10’s will be discussed.

Attendees will have an in depth review of the spine, specific fracture types as well as the application of Cervical, Lumbar and Thoracic Orthoses. We will also discuss treatment goals and orthotic intervention for best spinal outcomes.

Coverage Criteria, Coding Guidelines including new ICD-10’s and documentation will be covered.

Presented by Jackie Valdez, CO, FAAOP, Director of O&P Education - Trulife

3:30-4:00  BREAK - EXHIBIT HALL

4:00-6:00  Custom Orthotic Solutions for Genu-Recurvatum Challenges

• Assessment and applied concepts to restore gait and stability
• Pathological gait profile of genu-recursatum patient and patient case studies
• Dynamic principles of genu-recursatum orthotic management
• Patient assessment for KD (HELOD) or custom KFO (COMBO) that weighs less than 2 lbs.
• Same day in-house KFO fabrication, combining KFO (ToeOFF/BlueROCKER) with COMBO components
• Facilitate patient use of KFO through gait training

Presented by Bob Meir, CO, BOCO – Allard USA

6:00-6:30  Oklahoma State Meeting

6:30-8:00  RECEPTION - EXHIBIT HALL

Sponsored by PrimeCare Management Services

SATURDAY • APRIL 23

7:00-8:00  EXHIBIT HALL OPENS

8:00-10:00  Carbon Infusion Technology: Taking Polypropylene to a New Level of Performance

The advent of a new thermoplastic prepreg composite material offers improvement to orthotic and prosthetic practitioners in the design of clinical products. Compared to homopolymer polypropylene and copolymer polypropylene, carbon infused polypropylene reduces the ROM up to 5% and 7% respectively, representing an increase of stiffness. Combined with an anticipated reduction in gait induced creep, ProComp offers a demonstrated improvement over generic thermoplastic sheet stock.

Presented by Brad Mattear, LO, CPA, Central US & National Strategic Account Manager - Cascade Orthopedic Supply, Inc.

10:00  MEETING CONCLUDES
Pedorthics Track
FRIDAY • APRIL 22

7:30-8:00  REGISTRATION - EXHIBIT HALL

8:00-9:00  Indications, Applications and Alternatives: Do Custom Shoes Have a Place in Modern Pedorthics?

There is a growing trend in pedorthics veering away from custom shoes. However, there are times when nothing but a custom made shoe will suffice. This presentation will review what options are available to today's pedorthist for patients who require something more than off-the-shelf footwear.
Presented by Dennis Janisse, CPed - OHI

9:00-10:00  The Evolution of Foot Scanning and CNC Foot Orthosis Milling Technology

CAD-CAM foot orthosis production has come a long way. During this session, we will look at where these techniques began and how they have grown and changed as technology improves. We will also discuss how to integrate this technology into an existing pedorthic practice.
Presented by Jeremy Janisse, CPed - National Pedorthic Services

10:00-10:30  BREAK - EXHIBIT HALL

10:30-11:30  Utilizing Pedorthic Modalities for Fall Prevention in Geriatric Population

Falls are one of the leading causes of death in the elderly population. Many pedorthic modalities such including shoes, orthoses and fall-specific devices like the Moore Balance Brace can be used to help prevent falls.
Presented by Dennis Janisse, CPed - OHI

11:30-12:30  Pedorthic Management of the Partial Foot

Partial foot amputations are an unfortunate and avoidable sequelae of diabetes, yet they can and do happen every day. The certified pedorthist needs to know what options are available for post-amputation care in aiding to prevent further complications.
Presented by Jeremy Janisse, CPed - National Pedorthic Services

12:30-1:30  LUNCH - EXHIBIT HALL

Sponsored by the American Board for Certification

CEU Credits

Prosthetics = 12 hours
Pedorthics = 12 hours
Orthotics = 10 hours
Pedorthics Track

1:30-3:30 The Shifting Paradigms of the Pedorthic Practice – Part I: Retail vs. Clinical
For years there has been an ongoing debate between the supposed two camps of pedorthics: Retail Pedorthists and Clinical Pedorthists. This presentation will explore these two ideologies and explain how, ultimately, the two are not so different. In fact, it is the blurring of these distinctions that will ensure the survival of pedorthics in the modern healthcare landscape.
Presented by Dennis Janisse, CPed - OHI

3:30-4:00 BREAK - EXHIBIT HALL

4:00-5:00 The Shifting Paradigms of the Pedorthic Practice – Part 2: Fabricate or Outsource
Mirroring the dilemma in O&P, many recent pedorthic graduates are not well-versed in fabrication. Also, many pedorthic facilities are neither equipped nor staffed for in-house fabrication. Through this session, we will compare and contrast the two approaches and discuss the pros and cons of each in order to help practitioners determine which route is best for them.
Presented by Jeremy Janisse, CPed - National Pedorthic Services

5:00-6:00 Fulfill Your Potential: Understanding Your Pedorthic Scope of Practice
Questions abound about exactly which devices and services a board certified pedorthist can and cannot provide. Where does your scope start and stop? What devices need prescription and many more questions and help to ensure that certified pedorthists are maximizing their abilities.
Presented by Dennis Janisse, CPed - OHI

6:00-6:30 Oklahoma State Meeting

6:30-8:00 RECEPTION - EXHIBIT HALL
Sponsored by PrimeCare Management Services
Pedorthics Track

SATURDAY • APRIL 23

7:00-8:00  EXHIBIT HALL OPENS

8:00-9:00  The Diabetic Foot Update
Are we winning or losing the battle against the diabetes pandemic? What does the future hold in regards to pedorthists and their patients with diabetes? Can the battle be won? During this session we will examine current trends in diabetes and the updated outlook for American diabetic feet.

9:00-10:00  Increasing Your Bottom Line Through Complimentary Add-On Sales
Pedorthists who fill the prescription and do nothing more are losing out on vast cash-and-carry sales opportunities. There are a great many easy-to-inventory devices and products that a pedorthist can keep on hand to compliment and improve treatment protocols all while increasing cash sales. This presentation will explore many of these options and explain how and why to use them and sell them.

10:00-10:30  BREAK - EXHIBIT HALL

10:30-11:30  Do SCFOs Really Work?
Spoiler Alert: Yes, they do! This presentation will review which foot and ankle pathologies that pedorthists commonly encounter can be treated better with a SCFO than traditional foot orthoses. The presenter will share the results of an exhaustive literature review to demonstrate the efficacy of SCFOs.

11:30-12:30  The Future of Pedorthics and the New U.S. Healthcare Model
How will pedorthists fare once the far reaching implications of the Affordable Care Act are fully realized? Will this massive expansion of Medicaid help or hinder pedorthic practices? This session will explore likely scenarios and possible solutions.

12:30  MEETING CONCLUDES