

Ohio Chapter
American Academy of Orthotists and Prosthetists

2009 Annual Spring Technical Meeting



May 2, 2009
Hilton Hotel Columbus
at Easton Town Center



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The Ohio Chapter-AAOP

2009 Annual Spring Technical Meeting

May 2, 2009
Hilton Hotel — Columbus.

GENERAL SESSION:

9:00–10:00 **New Overall Balance Summation for the Conservative Treatment of Idiopathic Scoliosis in Determining Orthosis Design**
Keith M. Smith, CO, LO, OLC, Director of Education
Orthotic & Prosthetic Lab, Inc.—(American Academy of Orthotics & Prosthetics) — St. Louis, MO

10:00–10:30 **Morning Break and Exhibits**

10:30–11:15 **Amputee Sports and Fitness**
Brian Frasure, CP
OSSUR North America, Inc. – Aliso Viejo, CA

12:00–1:30 **Lunch / Exhibits / Product Showcase**

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11:15–11:30 am **Becker Orthopedic – Sterling Heights, MI**
Russ Hornfisher

11:30–11:45 am **Endolite North America, Ltd. – Centerville, OH**
Matt Doering

11:45–12:00 pm **360 Orthotics and Prosthetics – Tampa, FL**
Greg Bauer, CPO

12:00–12:15 pm **Allard USA, Inc. – Rockaway, NJ**
Jim Lagerstrom, CP

12:15–12:30 pm **Freedom Innovations, Inc. – Irvine CA**
Steve Sherman

12:30–12:45 pm **Ohio Willow Wood Co. – Mt. Sterling, OH**
Mark Ford

12:45–1:00 pm **Extremity Games IV – Rochester MI**
Beth Geno

1:00–1:15 pm **OTS Corporation – Weaverville, NC**
Terry Pansiera

PROSTHETIC SESSIONS

1:15–2:45 **Advances in Vacuum Suspension Techniques**
Andy Marsland, CP, LPO, BOCPO
Ohio Willow Wood — Mt. Sterling, OH

2:45--3:00 **Afternoon Break**

3:00–4:30 **Following Invisible Forces to Documented Improvement in Prosthetic Care**
David Boone, CP, MPH, PhD
OrthoCare Innovations, LLC — Oklahoma City, OK

ORTHOTIC SESSIONS

1:30-2:45 **Dobbs Clubfoot Treatment: Trends and Outcomes with the Latest Advances in Clubfoot Management**
Keith Smith, CO, LO, OLC, Director of Education
Orthotics and Prosthetic Lab, Inc.

2:45--3:00 **Afternoon Break**

3:00-3:45 **Overview of Becker Stance Control**
Derek Hellenberger, Director of Technical Services
Becker Orthopedic – Sterling Heights, MI

3:45-4:30 **BlurRocker: Partial Foot Prostheses**
James Lagerstrom, CP National Account Manager
Allard USA, Inc. – Rockaway, NJ

PEDORTHIC SESSIONS

1:30-2:45 **Pedorthics from A-to-Z**
Carrie Melton, C.P.O.
OrPro, Inc. — Dayton, OH

2:45--3:00 **Afternoon Break**

3:00-4:30 **Off the Shelf Solutions for Difficult Foot Problems**
Jim Bussey
APIS Footwear Company – South El Monte, CA

TECHNICAL SESSIONS

1:15-2:45 **Feet that Can Walk the Walk and Talk the Talk!**
Rhonda Hoffman, CP, Clinical Education Coordinator
Endolite North America — Centerville, OH

2:45--3:00 **Afternoon Break**

3:00-3:45 **Fabrication Techniques for the Integrated Ankle**
Timothy T. Pansiera, CO, President
OTS Corporation — Weaverville, NC

3:45-4:30 **Fabrication and Technical Considerations for Becker Stance Control**
Rodger Broick
Becker Orthopedic – Sterling Heights, MI

QUIZ: A quiz will be administered to all participants at the end of the meeting day for additional PCEs

Program

New Overall Balance Summation for the Conservative Treatment of Idiopathic Scoliosis in Determining Orthosis Design

Keith M. Smith, CO, LO, OLC, Director of Education

Orthotic & Prosthetic Lab, Inc. — (American Academy of Orthotics & Prosthetics) — St. Louis, MO

Program Description:

This session presents a new system of radiograph measurement that can be used to help orthotists determine the most appropriate orthosis design when treating idiopathic scoliosis. The Overall Balance Summation (OBS) allows practitioners to quantify the compensation of the spine quickly in a clinical setting and assist in design criteria such as using shifts to decrease scoliosis imbalance and Cobb angles.

The Overall Balance Summation assesses the lateral deviation from midline of several key vertebral bodies using a PA radiograph of the spine. The values are then summed to provide a single number that generally reflects the net balance of the spine. This value can be utilized to determine the direction of the corrective forces during casting in order to achieve maximum balance of the spine in the orthosis. The value can also be used to compare in- and out-of-brace radiographs and to evaluate outcomes of conservative treatment of scoliosis.

Biographical Statement:

Keith M. Smith CO, LO FAAOP is a practicing Orthotist employed at the Orthotic and Prosthetic Lab, Inc. in St. Louis, Missouri where he specializes in clinics in scoliosis and pediatrics with neurologic involvement.

Keith participated and published with the Academy's first Clinical Standards of Practice Consensus Conference on the Orthotic Treatment of Idiopathic Scoliosis and Scheuermann's Kyphosis. He has been actively involved in research in the field publishing numerous times in the *Journal of Prosthetics and Orthotics* as well as lecturing at numerous Academy as well as AOPA meetings and functions. Keith won the Thranhardt honorarium at the Academy meeting in 2004 for his presentation on *A New Design for Scoliosis and its Coronal Plane Deviations*. Keith has served on the board for the Academy's Spinal Society and currently is devoting his time as the Scientific Societies Chair for the Academy's numerous societies and is the current President-Elect for the Academy.

Amputee Sports and Fitness

Brian Frasure, CP

OSSUR North America, Inc. – Aliso Viejo, CA

Program Description:

This discussion will provide an overview and history of the Paralympics games, including some highlights of the 2008 Paralympics Games in Beijing, China.

Other topics will include discussion on bench, static, and dynamic alignment of running specific feet for transtibial and transfemoral runners. Running gait principles for above and below knee will be analyzed, and the session will end with a brief overview of disabled sports organizations that provide sporting opportunities for amputees.

Biographical Statement:

Brian became a BK amputee in 1992 as a result of a traumatic accident. He later became a Paralympics sprinter, competing in four Paralympics Games from 1996 to 2008. During his 15-year track career, he set five World Records in the 100m, 200,

long jump, and relay events, and won 52 medals (32 Gold). Brian has over ten years experience as a Certified Prosthetist, and currently serves as the Senior Regional Clinical Manager for Ossur Americas.

PROSTHETIC SESSIONS

Advances in Vacuum Suspension Techniques

Andy Marsland, CP, LPO, BOCPO

Ohio Willow Wood — Mt. Sterling, OH

Program Description:

Attendees at this workshop will learn how to create a comfortable and secure suspension for lower-limb amputees using Ohio Willow Wood's LimbLogic™ VS – the only fully integrated, remote controlled vacuum suspension system on the market today. A basic overview of the features, benefits and operation of the system will be given, along with an overview of clinical research and patient outcome data. Significant time will be devoted to the use of LimbLogic™ VS in transfemoral applications, such as the ability to design the socket with a lower trim line than is possible in standard transfemoral socket design, resulting in substantially increased patient comfort and range of motion.

Biographical Statement:

Andy Marsland has worked as a clinical prosthetist/orthotist since 1982, working in both the UK and USA. (BSc P and O Paddington, London, 1987).

Marsland served on the BIST Committee (UK) representing Clinical Practitioners (1992 – 1995) and was involved in the emergence of BAPO in 1995. He presented at conferences, both state and national with lecture presentations at OSU (Physical Medicine and Rehabilitation/Physical Therapy Faculties), Capital Law School (Columbus, Ohio) and Local Rehabilitation Groups.

Andy's current position is Clinical Education Prosthetist for Ohio Willow Wood.

Following Invisible Forces to Documented Improvement in Prosthetic Care

David Boone, CP, MPH, PhD

OrthoCare Innovations, LLC — Oklahoma City, OK

Program Description:

Rationale and Background: Alignment is a key element of optimal lower limb prosthesis function. The alignment of the socket and shank relative to the foot critically alters functional performance and comfort by changing the manner in which the weight-bearing load is dynamically transferred to the amputated limb. The Compas Technology is based on direct measurement of load transfer in terms of socket reactions (torques). The sensor attaches at the base of the socket and is in the form of a standard modular prosthesis connector.

Results: Using the CompasT System we measured exactly how the socket reactions change with various alignment perturbations. Optimal dynamic prosthesis alignment was then modeled mathematically by analysis of a large database of socket reaction measurements made with the CompasT system under controlled alignment conditions. Over seven million data points were collected from 28 prosthesis users who each walked with 17 different and precisely controlled alignments. This represents over 14 kilometers of walking.

Biographical Statement:

Dr. Boone has spent the past twenty years as an innovator, developer, researcher and instructor in rehabilitation and bioengineering. A frequent lecturer at academic medical centers on a range of prosthetic and rehabilitation topics and widely published author, he is credited with multiple technology patents, including a foot scanning technology that was licensed to Nike. Recently, in the field of prosthetics, he was the inventor and lead developer with the support of the National Institutes of Health of two new patent pending alignment technologies: CompasT and RoboPAL. Dr. Boone received his Ph.D. in Bioengineering from The Hong Kong Polytechnic University and became one of fewer than ten American Ph.D.s with formal training and clinical experience in prosthetics. He began his work in prosthetics and prosthetic research under the direction of a pioneer in the field, Dr. Ernest Burgess, and later assumed leadership of Dr. Burgess' lab, Prosthetic Research Study (PRS) in Seattle. Dr. Boone was recently named

Editor-in-Chief of the *Journal of Prosthetics and Orthotics* by the American Academy of Orthotists and Prosthetists

ORTHOTIC SESSIONS

Dobbs Clubfoot Treatment: Trends and Outcomes with the Latest Advances in Clubfoot Management

Keith Smith, CO, LO, OLC, Director of Education
Orthotics and Prosthetic Lab, Inc.

Program Description:

A Comparison of traditional treatment vs. the Dobbs Method of clubfoot treatment. Topics such as grading systems for clubfoot and the various types of diagnoses, besides idiopathic, that present with clubfoot will be discussed. A compliance study will be presented to demonstrate the success rate with the Dobbs system as well as a retrospective look at the Dobbs system for clubfoot management.

Biographical Statement:

(See Above)

Overview of Becker Stance Control

Derek Hellenberger, Director of Technical Services
Becker Orthopedic – Sterling Heights, MI

Program Description:

Clinical applications of current stance control technology available from Becker Orthopedic; including an overview of stance control knee joints, selection criteria and a review of case studies.

Biographical Statement:

Derek Hellenberger has been with Becker Orthopedic in Troy, MI (www.beckerorthopedic.com) since 1997. He spent the first seven and a half years as an engineer in product development. During that time, he worked on a variety of projects, including integrating the UTX into central fabrication, creating a method to provide custom ankle foot orthoses (AFOs) using TracerCAD software, developing adult

and pediatric hip orthoses, and developing adult and pediatric shoulder orthoses.

He has served in his current position of Director of Technical Services since 2005, overseeing the operations of central fabrication and custom seating fabrication. This tenure has included the launch of a scan-based cranial remolding orthosis, integration of the stance control knee joints into the general production of central fabrication, and emphasizing the use of pre-made sub-assemblies in the custom seating fabrication.

Prior to Becker Orthopedic, he worked for two years as a prosthetic technician and research assistant for COPA and RDA in Kansas City, MO. While working for COPA and RDA, he wrote his thesis for his master's degree in biomedical engineering from the University of Texas at Austin. In addition, he has a bachelor's degree in mechanical engineering from the University of Missouri at Columbia.

BlurRocker: Partial Foot Prostheses

James Lagerstrom, CP National Account Manager
Allard USA, Inc. – Rockaway, NJ

Program Description:

Partial foot amputations are becoming more common, an increase generally associated with the epidemic of diabetes. Any number of orthotic/prosthetic environments can be created to manage the partially amputated foot, but few designs serve in both the preservation of the residual foot and in the restoration of function of the lost segment(s).

This session discusses the normal mechanisms of the foot relating to its flexible function in adapting to the terrain and serving as a more rigid propulsive lever arm for propulsion as well as how the dual goals of foot preservation and gait restoration are synergistic and not competing goals.

Biographical Statement:

Jim Lagerstrom 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 five Winter Paralympics in Alpine skiing, winning two silver and two 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, Shriner Hospitals, Rotary Club, Lions Club, Kiwanis and Olympic Outreach programs.

In addition to his position as the National Account Manager with Allard USA, he has worked as sales and marketing consultant in the o & p industry since 1994. Jim became certified in prosthetics in 2004 and has presented continuing education seminars at regional, state and in-facility training programs.

Jim has served as a board member on the Orthotic and Prosthetic 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.

PEDORTHIC SESSIONS

Pedorthics from A-to-Z

Carrie Melton, CPO
OrPro, Inc. — Dayton, OH

Program Description:

This presentation will focus on a comprehensive overview of Pedorthics. During this interactive session, together we will discuss the clinical, technical and business aspects of Pedorthics. We will focus on real life issues and how we can work through them with the thought in mind that we desire a positive outcome for our patients and referral sources. We will also review a variety of patient case studies and objectively discuss the many options for Pedorthic intervention.

Biographical Statement:

Carrie Melton has been committed to the Prosthetic, Orthotic and Pedorthic industry for more than 25 years. She is currently the Clinical Director of Prosthetics for OrPro Prosthetics & Orthotics in Dayton Ohio. She has served on various Allied Healthcare Boards including the Ohio Chapter of the American Academy of Orthotists and Prosthetists. Carrie has presented at numerous local and national conferences. She enjoys the opportunity to interact with fellow practitioners.

Does the Shoe Fit?

Jim Bussey
APIS Footwear Company – South El Monte, CA

Program Description:

Off-the-shelf solutions for difficult foot problems; Innovative approach to sizing and fitting. We will fit up to 90% of your patients with our sizing and styles. In addition we offer some unique niches; these include the non-custom off-the-shelf shoes.

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- (b) Extra widths up to 14E
- (c) "Supra" or triple depths
- (d) Shoes up to size 20
- (e) EVA soles for easy modification

Biographical Statement:

(Pending)

TECHNICAL SESSIONS

Feet that Can Walk the Walk and Talk the Talk!

Rhonda Hoffman, CP, Clinical Education
Coordinator
Endolite North America — Centerville, OH

Program Description:

This session will provide all attendees with a complete overview of Endolite feet, utilizing PowerPoint presentation, patient models and hands-on demonstration. The session outcome will be to have all attendees acquire the necessary knowledge to accurately select, align, maintain and deliver Endolite feet.

Biographical Statement:

Rhonda Hoffman has her B.S. Degree from Southern Illinois University and attended Northwestern University's Prosthetic Program in 1992. She was a Facility Manager and Vice President with Actra Rehabilitation at their office in Illinois for ten years. Most recently, she worked at McKinney Prosthetics to gain experience in elevated vacuum design and its applications with lower extremity prosthetics. She joined the Clinical Education Team at Endolite as Clinical Education Coordinator in December 2008.

Fabrication Techniques for the Integrated Ankle

Timothy T. Pansiera, CO, President
OTS Corporation — Weaverville, NC

Program Description:

The Integrated ankle is a lightweight, vacuum formable, metal orthotic ankle joint. It offers a unique blend of mechanical abilities, provided by most traditional ankle joints, mixed with the cosmetic advantages provided by plastic orthoses.

This lecture, designed for orthotic technicians, focuses on the fabrication and finishing techniques necessary to achieve a successful and efficient outcome

Biographical Statement:

Timothy T. Pansiera, lives in Asheville, North Carolina and has two smart, but expensive kids and one faithful hound.

Pansiera is ABC certified orthotist since 1980 and is now a BOC certified orthotist as well. His first experience with Orthotics in Cincinnati, Ohio in 1969. He graduated from Northwestern University's two-year program in 1974 and Started OTS Corp in 1979 where he remains as President.

Pansiera holds several patents including:

- 1) Ratcheting knee joint (StepLock)
- 2) Vacuum formable ankle (Integrated Ankle)
- 3) Close Contour Joint

In 1990, he developed the PDQ Infrared Oven. Today Timothy prefers to concentrate on the technical side of Orthotics.

Fabrication and Technical Considerations for Becker Stance Control

Rodger Broick
Becker Orthopedic – Sterling Heights, MI

Program Description:

Fabrication and technical considerations for Becker's FullStride and SafetyStride stance control systems; including mold modifications, plastic setup, finishing and cable adjustment.

Biographical Statement:

Rodger Broick has been with Becker Orthopedic in Troy, MI since 1980. Starting at the age of seven-

teen, he spent his first six years working in various departments of Becker's manufacturing division that included machining knee and ankle components, as well as components for spinal orthoses. In 1986, Rodger began his training in the fabrication of lower limb orthoses.

In 1987, Becker Orthopedic opened a new building specifically for its central fabrication services. From 1988 to 2004, Rodger managed Becker's central fabrication services and trained its staff. During that time, Rodger also developed bending fixtures and tools to expedite production for various products.

Since 2004, Rodger has been working in Becker's Research & Development department and has helped in the development of various products including Becker's extensive stance control line. Rodger also answers technical questions on Becker products and assists practitioners in choosing the correct components that will best fill the needs of their patients.

QUIZ SESSION

A quiz will be administered to all participants at the end of the meeting day.

Exhibitors

360 Orthotics and Prosthetics

5311 E. Fletcher Avenue
Tampa, FL 33617
Phone: 813/989-0360
Fax: 813/985-4499
Web: www.360oandp.com

ACOR Orthopaedic, Inc.

18530 South Miles Parkway
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E-mail: cwurts@acor.com
Web: www.acor.com

Aetrex Worldwide, Inc.

414 Alfred Avenue
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Phone: 201/833-2700
Fax: 800/526-2739
Toll-Free: 800/831-2739
E-mail: gvazquez@aetrex.com
Web: www.aetrex.com

Description:

Aetrex Worldwide Inc, (formerly Apex Foot Health Industries) has been serving the medical foot care profession for over 60 years. Aetrex manufactures the iStep scanner as well as therapeutic, dress, casual and athletic footwear, Lynco orthotics and Copper socks. Aetrex is represented by a national staff of Certified Pedorthists.

Allard, USA, Inc.

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Description:

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Fax: 727/528-8862
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Web: www.easyliner.com

Anatomical Concepts, Inc.

1399 E. Western Reserve Road
Poland, OH 44514-3250
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Toll-Free: 800/837-3888
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Apis Footwear

2239 Tyler Ave., Suite B
 South El Monte, CA 91733
 Phone: 626/448-8905
 Fax: 626/448-8783
 Toll-Free: 888/937-2747
 E-mail: alexhorta@apisfootwear.com
 Web: www.bignwideshoes.com

Becker Orthopedic

635 Executive Drive
 Sterling Heights, MI 48083
 Phone: 734/673-8366
 Fax: 800/923-2537
 Toll-Free: 800/521-2192
 E-mail: hornfisher@aol.com
 Web: www.beckerorthopedic.com

BioSculptor Innovative Solutions

2480 W 82nd St Ste 8
 Hialeah, FL 33016-2726
 Phone: 305/556-5815
 Fax: 305/823-8304
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 E-mail: afinnieston@biosculptor.com
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Description:

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 Orlando, FL 32804
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 Toll-Free: 800/425-0012
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 Web: www.boltsystems.com

Description:

BOLT Systems, Inc. is the manufacturer of prefabricated, custom, leather and metal orthopedic devices. This includes spinals, upper limb and lower

limb appliances. Our prices are very competitive. Prefabricated devices are shipped the same day as ordered and custom products, including Baldwin Braces and CROW Walkers, are completed within three to five working days. Our staff is experienced in all aspects of orthopedic products and we strive to meet your applications and time frame.

Brightree, LLC

2763 Meadow Church Road, Ste 205
 Duluth, GA 30097
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 Fax: 678/775-7294
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Description:

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 Web: www.cascade-usa.com

College Park Industries, Inc.

17505 Helro Drive
Fraser, MI 48026
Phone: 586/294-7950
Fax: 586/294-0067
Toll-Free: 800/728-7950
E-mail: bgeno@college-park.com
Web: www.college-park.com

Description:

College Park Industries, a prosthetics industry leader for 20 years, manufactures anatomically correct, customizable foot/ankle systems for lower limb amputees of all ages and activity levels. Emulating human anatomy, CPI products enrich the lives of tens of thousands of satisfied users throughout the world. Known for exceptional customer care, College Park Industries sets the standard with prompt and responsive service. With state-of-the-art design and precise engineering, College Park Industries remains committed to research and development of the finest prosthetic products in the world.

Comfort Products, Inc.

705 Linton Avenue
Croydon, PA 19021
Phone: 215/781-0300
Fax: 215/785-5737
Toll-Free: 800/822-7500
E-mail: jfayter@comfortoandp.com
Web: www.comfortoandp.com

Description:

Comfort Products is the leading innovator for knitted orthotic and prosthetic products in the United States and is the oldest manufacturer of prosthetic socks in the country. Comfort was the first company to use X-Static® yarn in the U.S. and has been issued several patents for their innovations in O & P products, along with their vast line of diabetic socks. We are also the U.S. distributor for Bauerfeind modular components. Bauerfeind specializes in lower extremity prosthetics and works closely with patient care facilities, surgeons and research specialists to develop the highest quality products available on the market today. These same products enable amputees to increase their mobility and enhance the quality of their lives. Call us today for a catalog 800-822-7500.

Coyote Design & Mfg.

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Boise, ID 83709
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Fax: 208/429-0028
Toll-Free: 800/819-5980
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Web: www.coyotedesign.com/

Description:

Coyote Design is a leading developer of prosthetic suspension and devices, including the Summit Lock and the Airlock. Coyote has also developed a new transibial socket design used in locking and suction fitting. www.coyotedesign.com

Custom Brace & Limb

8974 Kirby Drive
Houston, TX 77054
Phone: 713/305-8779
Fax: 281/596-4530
Web: www.custombraceandlimb.com

Description:

Custom Brace & Limb Full Service O & P Central Fabrication Company

Custom Composite Mfg. Co.

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Cranston, RI 02920
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Fax: 401/275-4901
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E-mail: barry@cc-mfg.com
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Description

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Web: www.extremitygames.com

Freedom Innovations, Inc.

30 Fairbanks, Suite 114
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Web: www.gpfinc.com

Homed-McNeil and Company, Inc

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Fax: 607/756-6225
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Medi-USA, L.P.

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Description:

Medi-USA LP is a manufacturer and distributor of innovative Prosthetic and Orthotic products, such as the OFM2 friction brake/manual lock knee, 300 lb weight limit hydraulic and friction units, the Relax system for phantom pain, energy-storing pylons systems, and a full range of quality silicone liners such as the RELAX and AKOS Transfemoral liner with

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E-mail: opent@aol.com
Web: www.oandpenterprises.com

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O&P Enterprises provides a superior quality thermo-plastic to the O&P Industry, using all virgin resin. Additionally, we stock prosthetic components, porolated and non-porolated foam, PVA bags, The Plaster Trap, saw repair service, cast saw blades, OPE vise, vacuum adapters. Our staff can also provide technical assistance and support to our customers. We invite you to stop buy our table to see products fabricated from our outstanding materials.

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E-mail: kims@owwco.com
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Ohio Willow Wood, an international leader in designing and manufacturing prosthetic products, is dedicated to leveling the playing field between the physically unchallenged and those challenged by limb loss. Ohio Willow Wood is committed to the research and development of products that provide comfort and functionality. Ohio Willow Wood products, including the complete family of Alpha® Liners, OMEGA® Tracer®, LimbLogic™ VS and new Fusion™ foot, help amputees around the world be freed in body and in spirit!

OPIE Software

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E-mail: valerie@oandp.com

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Web: www.optecusa.com

Description:

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OrthoCare Innovations, LLC

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Toll-Free: 800/672-1710
Web: www.orthocareinnovations.com

Description:

Compas™ is a breakthrough in easy-to-use, sophisticated instrumentation for clinical prosthetists. This unique system of electronic hardware embedded into the prosthesis combines with computer software to harness the power of objective kinetic gait data to ensure optimal outcomes in everyday prosthesis fitting.

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Orthomerica Products, Inc.

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Web: www.orthomerica.com

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OTS Corporation

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Otto Bock Health Care

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 E-mail: rthurman@insight.rr.com
 Web: <http://buckeyeamputees.com/>

Description:

Robert Thurman is currently leading the Ohio initiative to assure that Ohio amputees receive adequate insurance coverage. He has been an amputee since April of 2009 and is a retired Project Manager with Lucent Technologies. Mr. Thurman a resident of New Albany, Ohio. He is President of the Military Veterans Education Foundation and Vice President of Northland Community Council.

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 Web: www.pelsupply.com

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E-mail: Shoeguy@alltel.net
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