



The Ohio Chapter

American Academy
Orthotists and Prosthetists

2009 Annual
Fall Scientific Meeting

Doubletree Hotel
Columbus/Worthington, Ohio

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The Ohio Chapter-AAOP
2009 Annual Fall Scientific Meeting

October 24, 2009
Doubletree Hotel Columbus/Worthington
Worthington, Ohio

Program

8:00 – 8:45 Journal Club

Joe Nye, CP, Ohio Orthopedic Services—Fremont, OH

8:00 – 8:30 Registration/Continental Breakfast

8:30–8:45 Welcome and Announcements

Kathy Simmons, CO, President

Ohio Chapter, American Academy of Orthotists and Prosthetists—Columbus, OH

8:45–9:30 National Update

Russ Hornfisher, American Orthotic and Prosthetic Association

Wendy Beattie, CPO, American Academy of Orthotists and Prosthetists

9:30–10:15 Benefits To You In Using the Paul E Leimkuehler Online Learning Center

Bob Leimkuehler, CPO, Leimkuehler, Inc.—Cleveland, OH

10:15–10:30 Break

10:30–11:30 Choosing a Correct Brace for the High-End Athlete

Dr. Mark Merrick, The Ohio State Medical Center—Columbus, OH

11:30–12:15 Dynamic Response Ankle Foot Orthosis, a Look to the Future for Pediatric Management

Davin Heyd, CO, Children's Care Hospital and School—Sioux Falls, SD

12:15–1:30 Lunch and Ohio Chapter and Annual Business Meeting

1:30–3:15 Biomechanical Analysis of a Novel Automatically Self-Aligning Ankle-Foot Prosthesis

Rhonda Hoffman, CPO, Endolite North America, Ltd.—Centerville, OH

3:15–3:30 Break

3:30–4:15 Advances in Bionic Technology by Ossur

Jeff Gerber, OSSUR North American, Inc.—Alisa Viejo, CA

Mark Shamp, CP, Shamp Bionics—Akron, OH

4:15–4:45 Rehabilitation Assistance Clinical Evaluation (RACE) Team

John Carpenter, Touch Bionics—Hilliard, OH

Susi Ebersbach, Touch Bionics--Hilliard, Oh

David J. Garcia, L..P., L.Ped., Manuel Garcia Prosthetic and Orthotic Center—Cleveland, OH

4:45–5:00 Quiz

Hands Around the World



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Product with

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people fitted
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to extend a huge
thank you to the
Prosthetic
Community for
their help in
bringing this
product to market

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For address details and further information please
visit our website www.touchbionics.com

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Sessions

Benefits to You in Using the Paul E Leimkuehler Online Learning Center

Robert V. Leimkuehler, C.P.O.
Leimkuehler, Inc. — Cleveland, OH

Description:

A history of how the Paul E Leimkuehler Online Learning Center originated. We all need continuing education credits. How and where do we get them? How can you see the online learning center at work or in the comfort of your home?

Biography:

Robert V. Leimkuehler attended NYU for his prosthetic education, and became ABC certified in Orthotics and Prosthetics in 1975. He then attended Northwestern University and became certified in orthotics in 1979. Leimkuehler is currently immediate past president and former president of the Ohio Orthotics & Prosthetics Association.

Bob is a past president of Region V (including Ohio, Michigan, and West Virginia) for AAOP. He was on the membership committee for the association from 1986-1995. He also served as an Appraisal Accreditor for ABC in 1985, and 1991

Bob is past president of the Amputees in Motion of Ohio, as support group for amputees. He is also on the Board of Trustees for Youth Challenge, a group which helps physically disabled children with youth volunteers."

Bracing the Buckeyes: What We Use, Why We Use It, and What the Literature Says

Mark A. Merrick, Associate Professor & Director, Division of Athletic Training School of Allied Medical Professions, Ohio State University Medical Center — Columbus, OH

Description:

The Ohio State University fields teams in 36 varsity sports and has approximately 1000 student-athletes. In many of these sports and in football in particular, the athletic training staff elects to use prophylactic bracing as well as bracing in response to specific injuries. This session will review our experiences in bracing--which braces we use, why we use them, how we choose them, and what the literature says about their use. This session should help the audience to understand the specific needs of athletes and decision-making processes of sports medicine staffs related to bracing and sports.

Biography:

Dr. Merrick is an Associate Professor and Director of the Athletic Training Division in the School of Allied Medical Professions at the Ohio State University. He is a respected researcher and frequent lecturer on the topics of therapeutic modalities and injury pathophysiology. His work in these areas has earned him both the Outstanding

Research Manuscript Award and the Outstanding Non-Research Manuscript Award from the Journal of Athletic Training where he also serves as an Editor for the Pathology, Physiology, and Biodynamics section. He is also a member of the editorial board the Journal of Sport Rehabilitation and a guest reviewer for 11 other journals.

Dynamic Response Ankle Foot Orthosis, a look to the future for Pediatric Management

Davin Heyd, C.O., Program Manager, Rehab Medical Supply
Bracemasters International
— New Berlin, WI

Description:

The Dynamic Response Ankle Foot Orthosis (DRAFO) is a completely new approach to orthotic intervention in treating children with varying neuromuscular and orthopedic pathologies. Teamed with the new assessment and alignment techniques that are starting to be lectured on in Physical Therapy and O&P, this new design changes how we have addressed pediatric 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 while allowing total contact control in a very streamlined orthosis. Attendees will learn about the function and applicability of this orthosis as well as acquire a simplified understanding of the key gait characteristics and fine-tuning process that need to occur to achieve maximum results.

Biography:

Davin 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, Oklahoma, 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 Exam-

iner 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 Rehabilitation Medical Supply Mr. Heyd was the Central Fabrication Manager with Orthomerica Products, Inc. where he was responsible for the manufacture and development of numerous Orthotic devices including the line of cranial remolding orthoses

Biomechanical Analysis of a Novel Automatically Self-Aligning Ankle-Foot Prosthesis

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

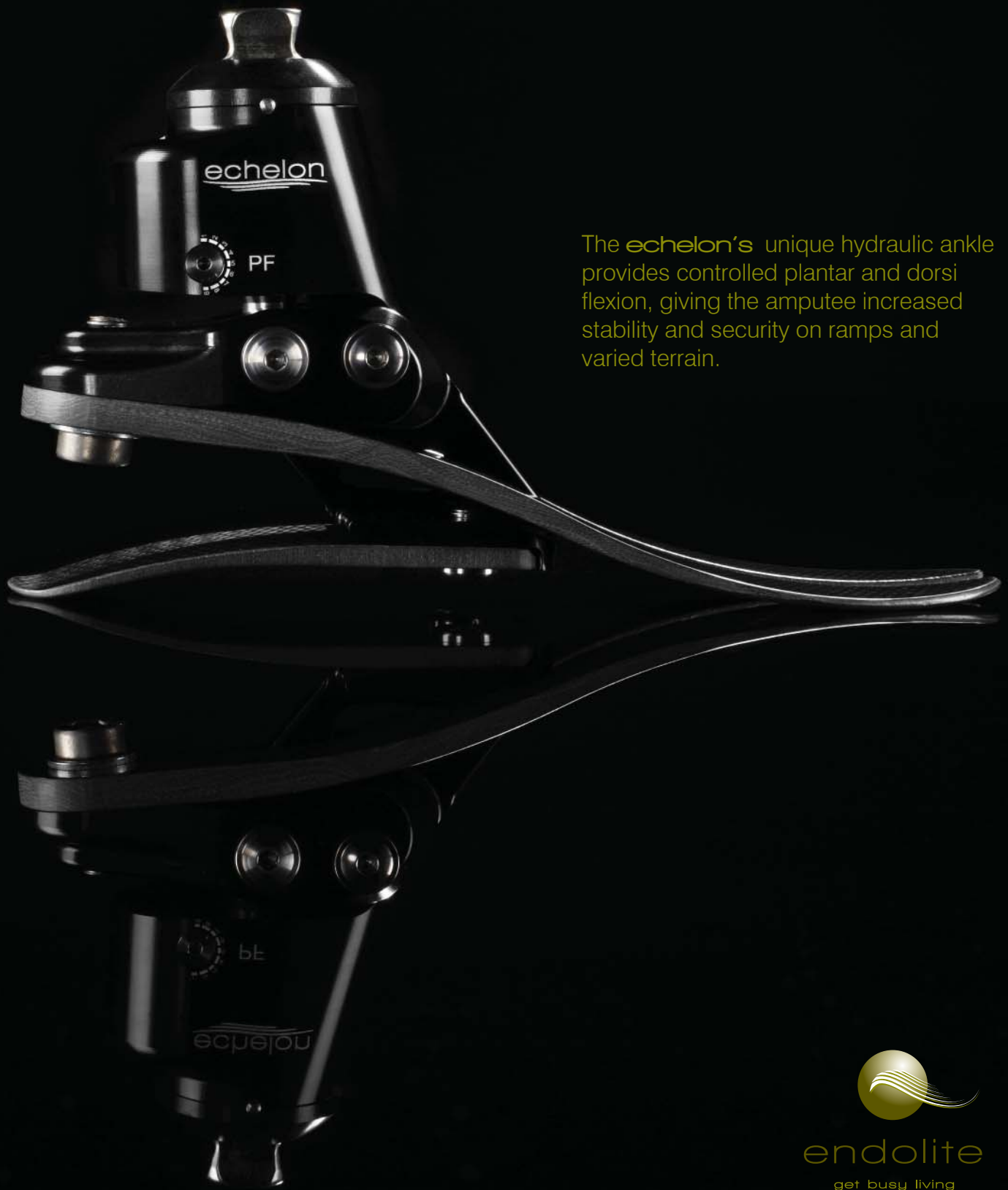
Description:

Endolite's Echelon ankle was recognized as the new product of the year (mechanical) by the British Engineering Excellence Awards. "It's closer than anyone has ever gone before to being able to replicate the human joint and is a brilliant design." The event held at the Globe Theatre in London highlights achievements within various Engineering disciplines, aims to provide a benchmark of excellence=2 0 and demonstrates the power of engineering design innovation. The winning Echelon product is an artificial ankle joint that uses an adjustable hydraulic damping device to restore much of the lower limb=E 2s natural movements. The prosthetic is based on the combined leg-ankle-foot system as opposed to individual component parts that need to be integrated separately. Fitting, alignment, biomechanics, and unique features will be highlighted for successful outcomes using the Echelon foot.

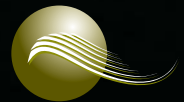
Biography:

Rhonda Hoffman has her B.S. Degree from Southern Illinois University and attended Northwestern University's Prosthetic Program in 1992. She was Facility Manager and Vice President

echelon



The echelon's unique hydraulic ankle provides controlled plantar and dorsi flexion, giving the amputee increased stability and security on ramps and varied terrain.



endolite
get busy living

with Actra Rehabilitation 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.

Advances in Bionic Technology by Ossur

Jeff Gerber, Area Sales Manager
Ossur North American, Inc.
— Aliso Viejo, CA

Mark Champ, CP
Shamp Bionics — Akron, OH

Description:

The newly redesigned RHEO KNEE® features a host of upgrades including improved aesthetics, a higher weight limit, increased torque, and faster swing speed.

The PROPRIO FOOT® provides unprecedented physiological benefits for transtibial amputees. A wide and automated range of ankle flexion with proven Flex-Foot provides for a more balanced, symmetric and confident gait with reduced wear and tear on the back, hips and knees.

The POWER KNEE™ offers unprecedented levels of functionality and performance. The POWER KNEE™ is unique in its ability to anticipate and pro-actively provide the function appropriate to daily activities.

Biography:

Jeff Gerber is the Ohio Area Manager for Ossur Prosthetics. Jeff has a B.A. From Ohio State University and has been employed by Ossur for 15 years.

Rehabilitation Assistance Clinical Evaluation (RACE) Team

John Carpenter, Central Regional Manager
Touch Bionics — Hilliard, OH

Susi Ebersbach, Director, RACE
Touch Bionics, Inc. — Hilliard, OH

David Garcia, LP, LPED.
Manuel Garcia Prosthetics Lab, Inc. —
Strongsville, OH

Description:

David Garcia will introduce his experience with evaluation, fitting, billing of i-LIMB™ Hand services. John Carpenter will give a brief overview of the i-LIMB™ Hand. Susi Ebersbach will introduce the Touch Bionics RACE (Rehabilitation Assistance and Clinical Evaluation) program. The RACE Team offers assistance in conducting comprehensive Candidate Evaluation Processes, which are designed to identify those UELA (upper extremity limb absent) patients who will substantially benefit from i-LIMB™ and LIVINGSKIN™ prostheses. She will discuss the RACE Guide, which provides additional materials and information to assist practitioners in obtaining third party payer approval for the technology for those patients who require this technology to achieve their maximum physical, mental and social results, as well as the evaluation process to identify which patients show specific improvements in functional capability and how those improvements benefit the patient.

Biography—John Carpenter:

John R. Carpenter, BS, is the Central Region Manager for Touch Bionics, Inc. As small business owner in Michigan, he brings his management and business ownership experience to the prosthetic and orthotic industry. Mr. Carpenter also is a congenital “amputee” and a lifelong user of both myo-electric and body powered prosthetics. John was fit with an i-Limb hand in June of 2008 and was so impressed with its functionality, he decided to join Touch Bionics to help bring the i-Limb to others in need.

Biography—Susi Ebersbach:

Susi Ebersbach, MT (ASCP), MBA, is the Director of the Rehabilitation Assistance and Clinical Evaluation (RACE) program for Touch Bionics, Inc. As a healthcare marketing and management professional, she has served as an independent

consultant to healthcare clients in practice management, business development, marketing and contracting activities. Susi has prior instructional experience as an adjunct faculty member in the Allied Health Division at Sinclair Community College in Dayton, Ohio. She has over 25 years experience in healthcare management and marketing of ancillary health services including 12 years experience in the orthotics and prosthetics fields with extensive experience in contracting and reimbursement issues in a former role as director of business development for POINT Health Centers of America, Inc.

Biography—David Garcia:

David Garcia LP, LPED is a clinician at Manuel Garcia Prosthetic and Orthotic Centers in Strongsville Ohio. He received his BCP certification in Pedorthics in 1995 and his BOC Credentials in prosthetics in 1999. He became licensed in Ohio and was awarded his ABC/CP Certification. In 2001 David received his C-leg Certification and has fit and assisted in fitting over 50 Microprocessor Knees.

FYI

Membership renewals and Membership invitations will be sent out in November for the membership year of 2009-2010.

The Chapter now has a new, invigorated and up-to-date electronic newsletter for members. So, stay in the loop, renew your membership, or if you are not a current member, join your fellow practitioners in the Ohio Chapter--AAOP



Mark Your Calendar

April 17, 2009

**Ohio Chapter
2010 Annual
Spring Technical Meeting**

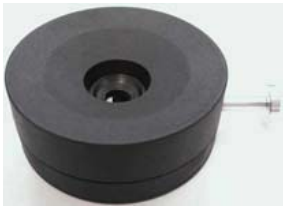
**Hilton Hotel
at Easton Town Center
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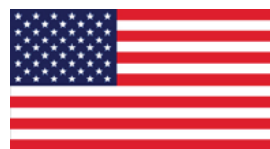
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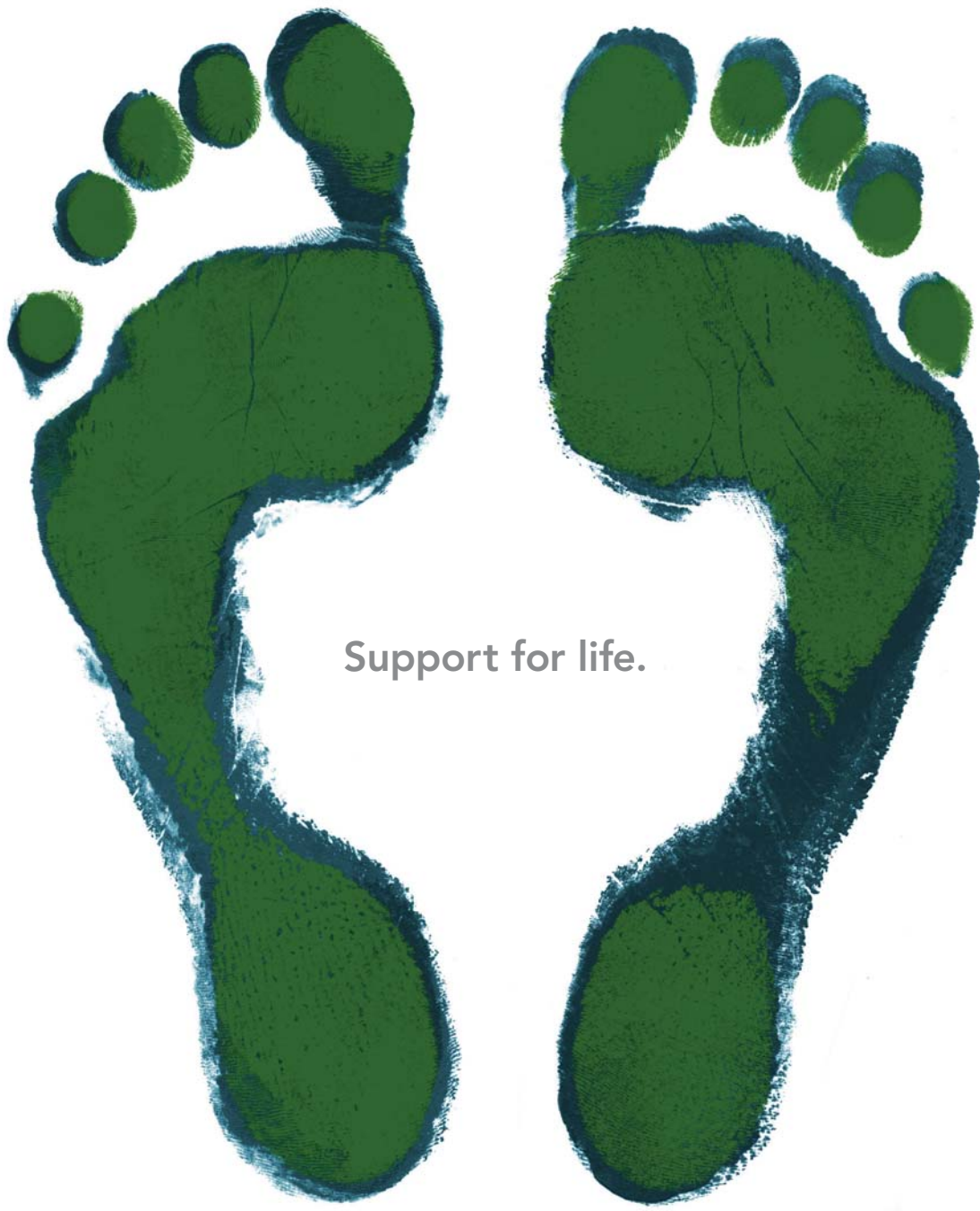
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