



*The Ohio Chapter  
American Academy of Orthotists and Prosthetists*

*2008 Annual Fall Scientific Meeting  
October 11, 2008*

# ***The Compleat Practitioner***

***Improving Quality through Outcomes Assessment***

**I**n 1653, Isaak Walton published his classic book, “The Compleat Angler”. This resource for fishermen was Walton’s ongoing development of everything a fisherman needed to know for his craft. Walton continued to update his work for the next quarter century, through five editions.

Like Walton, O&P practitioners seek the highest and most “compleat” levels of practice through continuing development of knowledge and skills.

**T**oday’s most pressing issue for practitioners is developing means and methods for assessing outcomes and documenting work with patients. TQM and CQI are terms well known in the manufacturing sector. Now *Total Quality Management* and *Continuous Quality Improvement* are showing their great promise to the O&P Community.

This fall’s Ohio Chapter Scientific Meeting will reveal more about this new direction for expanding knowledge and how it will help you in your practice.

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**Kalahari Convention Center  
Kalahari Resort  
Sandusky, Ohio**

**Ohio Chapter—AAOP  
2007-2008 Board of Directors**

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The Ohio Chapter-AAOP

## 2008 Annual Fall Scientific Meeting

**October 11, 2008**  
**NIC Convention Center**  
**Kalahari Resort**  
**Sandusky, Ohio**

### *Program*

#### **Morning**

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**8:00–8:30 ..... Registration/Continental Breakfast**

**8:30–8:45 ..... Welcome and Announcements**

*Randy Daniel, CPO, President*  
*Ohio Chapter, American Academy of Orthotists and Prosthetists—Columbus, OH*

**8:45–9:00 ..... National Update**

*Keith M. Smith, CO, FAAOP, President-elect*  
*American Academy of Orthotists and Prosthetists—Saint Louis, MO*

**9:00–10:00 ..... Amputee Wound Care**

*Clay Kelly, MD, FAAPMR, PM&R Service Chief*  
*Louis Stokes Cleveland Medical Center—Cleveland, OH*

**10:00–10:15 ..... Break**

**10:15–11:00 ..... Clinical Outcomes in Elevated Vacuum for Transtibial and Transfemoral Amputees**

*Jeff Denune, CP, FAAOP, Clinical Director of Prosthetics*  
*Ohio Willow Wood—Mt. Sterling, Oh*

**11:00–12:00 ..... Clinically Relevant Outcome Measures in Orthotics and Prosthetics**

*Phil Stevens, CPO, FAAOP, Director of Orthotics and Clinical Education*  
*Hanger P & O, Inc. (dba Specialized Prosthetic & Orthotic)—Salt Lake City, UT*

**12:00–1:15 ..... Lunch and Ohio Chapter Annual Business Meeting**

#### **Afternoon**

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**1:15–4:15 ..... Clinical Outcomes (detail)**

*Jeff Denune, CPO, FAAOP, Clinical Director of Prosthetics*  
*Ohio Willow Wood—Mt. Sterling, OH*

**3:00–3:15 ..... Break**

**1:15–4:15 ..... Clinical Applications of Evidence-based Practice**

*Phil Stevens, CPO, FAAOP, Director of Orthotics and Clinical Education*  
*Hanger P & O, Inc. (dba Specialized Prosthetic & Orthotic)—Salt Lake City, UT*

**4:15–5:00 ..... Quiz**



# Sessions

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## **Skin Conditions of the Amputee**

**Clay Kelly, MD, Chief, PMR Service  
Louis Stokes Cleveland Medical Center  
—Cleveland, OH**

### **Program Description:**

Due to the nature of the prosthetic socket and weight bearing issues, skin issues and problems are ubiquitous in the life of the Amputee. This lecture will review basic anatomic structure and physiologic function of skin. Skin conditions frequently seen in the prosthetist's office and Physician's clinic will be reviewed. Basic pathophysiology and treatment will be included.

### **Biographical Statement:**

Clay M. Kelly, MD, FAAPMR has been the PM&R Service Chief at the Louis Stokes Cleveland VA Medical Center for the past year. Prior to that he practiced at MetroHealth Medical Center in Cleveland for 16 years where he most recently was the Outpatient Medical Director, and served as the Chief of the Amputee Rehabilitation Service for the past 14 years. He received his undergraduate and Medical Degrees at Creighton University in Omaha, Nebraska. Today's lecture is based upon his chapter in Kevin Carrol's recently released Textbook, "Prosthetics and Patient Management: A Comprehensive Clinical Approach."

## **Clinically Relevant Outcome Measures in Orthotics and Prosthetics**

**Phil Stevens, CPO, FAAOP, Director of Orthotics and Clinical Education  
Hanger P & O, Inc. (dba Specialized Prosthetic & Orthotic)—Salt Lake City, UT**

### **Program Description:**

Third party payers are increasingly scrutinizing the benefit derived from every healthcare dollar. As this reality become more pervasive, it will become incumbent upon practitioners to justify the value of the services they provide. Fortunately, much as been done within rehabilitation to develop outcome measures that can be quickly and cheaply administered. The goal of this presentation is to suggest eight outcome measures that have been found to be both valid and reliable among the patient populations we commonly service, including patients with cerebral vascular accidents, spinal cord injuries, multiple sclerosis, amputation and osteoarthritis. Presented outcomes will include timed measures, such as the 10 meter walk test, six minute walk test, the timed-up-and-go test, and the L-test of functional mobility. Additionally, patient assessment questionnaires will be presented including the Activities-specific Balance Confidence Scale and the Ankle

Osteoarthritis Scale. In reviewing these measures, suggestions will be made with respect to selecting the appropriate measure for the assessment of our various interventions.

### **Biographical Statement:**

Phil Stevens is a graduate of the University of Washington's prosthetics and orthotics program. After completing his orthotic residency in Hartford, Connecticut, he spent several years practicing within the Texas Medical Center in Houston Texas. While in Texas, he completed his prosthetic residency and secured a masters degree in education and administration from the University of Houston. He has been published in the Journal of Prosthetics and Orthotics, Prosthetics and Orthotics International and the Journal of Craniofacial Surgery and has presented at numerous Academy and ISPO functions. He currently practices in Salt Lake City, Utah.

## **Clinical Outcomes in Elevated Vacuum for Transtibial and Transfemoral Amputees**

**Jeff Denune, CP, FAAOP, Clinical Director of Prosthetics  
Ohio Willow Wood—Mt. Sterling, OH**

### **Program Description:**

A constant source of elevated vacuum used in lower limb prosthetic suspension provides a range of benefits to the amputee. These benefits, while noteworthy, can be confusing to the clinician and amputee. This presentation will examine these benefits, with a focus on new socket designs that incorporate lowered trim lines to increase the amputee's range of motion and comfort. This presentation will also provide an introduction to outcome measures currently being reviewed for transtibial and transfemoral amputees, along with a review of vacuum settings and their effects on the residual limb.

### **Biographical Statement:**

Denune began in the O & P profession in 1986 at American O & P Lab Inc. located in Columbus Ohio. He is a graduate of Columbus State Community College with an Associate of Science degree. His practice focus has been lower extremity prosthetics and CAD/CAM. He joined the Ohio Willow Wood company in Nov. of 2004 as an Educational Prosthetist. In July of 2006 Took over Clinical testing and is currently the Clinical Director of prosthetics. He is

involved in R&D of traditional and CAD products, while assisting engineering with new product and service development.

## **Clinical Applications of Evidence-based Practice**

**Phil Stevens, CPO, FAAOP, Director of Orthotics and Clinical Education  
Hanger P & O, Inc. (dba Specialized Prosthetic & Orthotic)—Salt Lake City, UT**

### **Program Description:**

Within our industry, more and more emphasis is being placed on the concept of evidenced based practice. In this session, we discuss the practical, clinical applications of these principles addressing the notion of how an awareness of published literature can improve our clinical outcomes and reimbursements. The process of taking clinical warrants from the literature is modeled with respect to the orthotic management of multiple sclerosis. The process of incorporating published papers into seeking insurance authorizations is modeled with respect to microprocessor controlled knee units. Those who find value to this introductory discussion should consider viewing the AAOP's Certificate Program on Evidenced Based Practice on the Academies on-line learning center.

### **Biographical Statement:**

Phil Stevens is a graduate of the University of Washington's prosthetics and orthotics program. After completing his orthotic residency in Hartford, Connecticut, he spent several years practicing within the Texas Medical Center in Houston Texas. While in Texas, he completed his prosthetic residency and secured a masters degree in education and administration from the University of Houston. He has been published in the Journal of Prosthetics and Orthotics, Prosthetics and Orthotics International and the Journal of Craniofacial Surgery and has presented at numerous Academy and ISPO functions. He currently practices in Salt Lake City, Utah.

O&P, C.Peds, BOC practitioners, Technicians...



# Mark Your Calendar

## Ohio Chapter

**2009 Spring Technical Meeting**  
**Hilton Hotel Easton Town Center**  
**May 2, 2009**



- ~ ~ General Sessions
- ~ ~ Breakout Sessions
- ~ ~ 60+ Exhibitors



November '08							December '08							January '09							February '09							March '09							April '09						
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May '09							June '09							July '09							August '09							September '09							October '09						
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