



all Scientific Meeting

September 27, 2003

The Columbus Marriott Northwest Hotel

The Ohio Chapter ~ ~ AAOP

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The Ohio Chapter-AAOP

# 2003 Annual Fall Scientific Meeting

September 27, 2003  
Columbus Marriott West Hotel

## Program

- 9:00 – 10:00 ..... **Evolution of Ischial Containment Socket**  
*Marlo Ortiz Vazquez del Mercado, P.O.*  
*Ortiz Internacional S.A. de C.V. — Guadalajara Jalisco, Mexico*
- 10:00 – 10:15 ..... **Break**
- 10:15 – 11:15 ..... **Managing Posterior Tibial Tendon Dysfunction: What, How, and Why**  
*Roger Marzano, C. Ped, C.P.*  
*Yanke Bionics, Inc. — Akron, Ohio*
- 11:15 – 12:00 ..... **Medicare Spinal Coding and Reimbursement**  
*Bill Gustavson*  
*Orthomerica, Inc. — Orlando, Florida*
- 12:00 – 1:00 ..... **Lunch**
- 1:00 – 1:30 ..... **Business Meeting**
- 1:30 – 2:00 ..... **Recreation is for Everyone**  
*Carrie Melton, C.Ped, BOC-P, CP*  
*Orpor Prosthetics and Orthotics, Inc. — Dayton, Ohio*
- 2:00 – 3:00 ..... **Advanced Features and Uses of the C-Leg**  
*Todd Anderson, C.P., FAAOP*  
*Otto Bock Health Care — Minneapolis, Minnesota*
- 3:00 – 3:15 ..... **Break**
- 3:15 – 4:15 ..... **Collaborative Effort for Community Re-entry**  
*Sheila Roush, P.T. , Linda Markstein, P.T.*  
*Comprehensive Outpatient Rehab Program — Dayton, Ohio*
- 4:15 – 5:00 ..... **Hands-on Demonstration by Marlo Ortiz Vazquez del Mercado, P.O.**



# Sessions

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## Evolution of Ischial Containment Socket

Marlo Ortiz Vazquez del Mercado, P.O.  
Ortiz Internacional S.A. de C.V.  
– Guadalajara Jaiscol, Mexico

### Program Description:

Through the years there has been a transition in the sockets designs for transfemoral amputees since the plug fitting, pre quad, quadrilateral and the latest ischial containment .

To get an ischial containment socket there are many socket shapes variations such as: SABOLICH, UCLA, LONG, DOMINGUEZ HILLS and prefabricated brims like IPOS, BREakey and other devices.

The use of anatomical shapes are not new; in the past Thomas Canty and the U.S. Navy made some attempts to create an anatomical A/K socket.

In our new design M A S (Marlo Anatomical Socket) there are some differences in the trim lines. In the conventional design posterior trim lines includes part of the gluteus maximus. In the new design, however, at first we lowered the height of the posterior wall to the gluteal fold to permit the gluteus maximus to be out of the socket to improve cosmesis, so there is no gluteal support and with this we found out that ischial tuberosity and part of the ischial ramus can be encapsulated easily with no restriction

There are several benefits with this new socket design: the patient sits more comfortably, there is no plastic underneath, it is easy to put it on, has a full range of

motion, proprioception, stability, security, better functional gait, and something important for patients, cosmesis.

Functional gait is also improved, the base gait is narrow, there is no any rotation of the foot, lateral trunk bending or lateral displacement of the center of gravity is minimized

### Biographical Statement

Marlo Ortiz Vasquez del Mercado graduated as an Engineer in 1977 and took O & P courses until 1979. He was a guest professor at UCLA Prosthetic school in 1989 and 1990, and a sought after speaker in a number of countries including: Argentina, Costa Rica, Panama, Cuba, Spain, Germany, and the United States. His most recent participations were at the AOPA convention in Phoenix, October 2001, AAOP Orlando March 2002, Orthopaedik Reha-Technik Leipzig Germany, May 2002, Orlando, Jabeurs Utrecht Holland September 2002, AOPA Chicago October 2002, Georgia Society Annual meeting February 2003, BAPO Glasgow Scotland March 2003, Neuhof seminar Nurenberg Germany, March 2003, Symposium at AAOP in San Diego March 2003, Florida Academy Chapter April 2003, Loth Fabenim seminar in Mandaag Netherlands, April 2003, Belgium seminar April 2003, Japanese Academy of O & P meeting in Ube Japan July 2003.

Marlo Received his Mexican Prosthetic certification in November 2002

He has also served as President of the Mexican Orthotic & Prosthetic Association in 1980-1982 and 1994-1996. Marlo has been attending the National AAOP and AOPA meetings for more than twelve years.

## Managing Posterior Tibial Tendon Dysfunction: What, How, and Why

Roger Marzano, C.P., C.Ped  
Yanke Bionics, Inc.  
Akron, Ohio

### Program Description:

Managing those with posterior tibial tendon dysfunction requires a sound foundation of foot and ankle pathomechanics, as well as the patience often demanded of those that manage this pathology. Widely used diagnostic terminology will be reviewed, as well as the frequently prescribed methods of treatment for acute and chronic PTTD. Orthotic protocol will be discussed in a organized presentation to provide the attendee with a comprehensive "cookbook" approach to this frequently treated pathology. The importance of footwear design, fit, modification, and function will be highlighted to further the clinicians success in managing PTTD. Orthotic intervention will be discussed including the use of the UCBL, functional and accommodative foot orthoses, ankle gauntlets, and custom ankle foot orthoses. Several clinical examples will be presented in order to compare and contrast the many ways of managing this challenging yet successfully treated foot and ankle disorder

### Biographical Statement:

Roger Marzano, C.P.O., C.Ped. has worked at Yanke Bionics for 25 years and is Vice President of Clinical Services. A licensed practitioner in all three disciplines, Roger oversees clinical services, employee recruitment and training, and central fabrication services for seven locations in Ohio. Roger is a graduate of the University of Akron and Northwestern Universities Prosthetic/Orthotic Center. Roger is a past president of the Pedorthic Footwear Association and is a recipient of the Seymour Lefton Award, and has carried the pedorthic message at hundreds of allied health meetings both nationally and internationally. Roger also produces and distributes "The Grill Doctor BBQ Sauce & Marinade" locally in Ohio with a physician as his partner. Roger is married to his wife Susie, with 2 dogs and two cats as their children.

## Medicare Spinal Coding and Reimbursement

Bill Gustavson  
Orthomerica, Inc.  
Orlando, Florida

### Program Description:

This seminar will provide a historical perspective of how the Medicare intermediaries have responded to the OIG fraud and abuse studies for spinal orthoses. Spinal coding, reimbursement and future regulatory challenges will be discussed during this presentation.

### Biographical Statement:

William P. Gustavson is the Director of Marketing for Orthomerica Products, Inc. He is a nationally recognized speaker and has over twenty years of progressive responsibility and achievement in the O&P profession. Over the past three years, Bill has devoted much time to spinal and cranial regulatory issues regard

## Recreation is for Everyone

Carrie Melton, C.P., C.Ped.  
Orpro Prosthetics and Orthotics, Inc.  
Dayton, Ohio

### Program Description:

Something to think about -- Why did you choose to work within the field of Orthotics and Prosthetics? Was it because of the fabulous reimbursements? Was it because you knew that HIPPA was coming and you didn't want to miss out on all of the fun?

Where, then, is all of the glory in O&P? Have you ever seen a small child take their first step? Remember the pride you feel when you assist a patient in obtaining a goal.

We have many obligations to our patients. We educate them, we provide what the physician prescribes, and in many cases, we see them take their first steps.

Community re-entry includes increased confidence, and self esteem and promotes leadership skills. Adaptive Recreational Programs provide competitive programs (sport specific), camps, and family-oriented programs.

Question: Why did we choose this field?

Answer: Because we want to make a difference!

### Biographical Statement:

Carrie Melton is a practitioner at OrPro Prosthetics and Orthotics in Dayton Ohio. She has been committed to the Prosthetic, Orthotic and Pedorthic industry for more than 22 years. She has served on various Allied Healthcare Boards over the years and is currently serving as a board member on three boards. TAASC The Adaptive Adventure Sports Coalition, Ohio Chapter AAOP and is on the Kettering Medical Center Community Advisory Council. When Carrie is away from the office, she spends much of her time volunteering as a Certified Adaptive Ski Instructor and as a Certified Kayak instructor. Carrie strongly believes that services we provide should not stop at the parallel bars but should be carried out into the community.

## Advanced Features and Uses of the C-Leg

Todd Anderson, C.P., FAAOP  
Otto Bock Health Care  
Minneapolis, Minnesota

### Program Description:

It is well accepted that the C-leg provides improved efficiency and stability, resulting in better functional outcomes for the trans-femoral patient. With the experience of hundreds of fittings, the Professional Services Team has developed advanced methods of fitting and training patients. This presentation will share some of those methods with a goal of assisting practitioners in helping their patients achieve even better outcomes in less time.

### Biographical Statement:

Todd Anderson is Otto Bock's C-Leg expert. He earned his CP certification in 1986, along with a distinguished career in Prosthetics at Northwestern Artificial Limb and Brace Co (Minneapolis), Director of Prosthetics (Green Bay Orthopedic, Co.), and Prosthetic Manager and Clinical Prosthetist (Shriners Hospitals for Children)

Anderson is well published and has spoken at numerous national and international conferences and workshops. He is also a past board member of the International Society of Prosthetists and Orthotists and has participated in several international athletic events, nationally and internationally.

## Collaborative Effort for Community Re-entry

Sheila Roush, P.T.  
Comprehensive Outpatient Rehab Program  
Dayton, Ohio

Linda Markstein, P.T.  
Comprehensive Outpatient Rehab Program  
Dayton, Ohio

### Program Description:

This presentation will focus on the team approach to prescribing and problem-solving orthotics and prosthetics. We have found that a collaborative effort enables greater patient satisfaction and compliance which significantly improves patient outcomes. As physical therapists, we will discuss our evaluation, emphasizing our goal-setting and physical therapy prognosis. The intervention of the appropriate orthotic and prosthetic can facilitate attainment of physical therapy goals and most importantly, the

patient's goals. Establishing a good working relationship between orthotist, prosthetist and physical therapist is essential. Case studies will be used to illustrate the points of the presentation and allow for open discussion at the end of the talk.

### Biographical Statement - Sheila Roush, P.T.:

Sheila Roush, PT graduated from Ohio University in 1991 with a bachelors of Physical Therapy. Sheila has worked at the Miami Valley Hospital in Dayton, Ohio for the past 11 years in various settings—acute, inpatient rehab, and outpatient rehab where she currently works. She has also completed the three-week NDT adult hemiplegic course. Sheila is a part-time faculty member at the University of Dayton, where she teaches Intro to PT to undergraduates in the pre-PT program. She also guest lectures and assists in the neurology practical lab at Andrews University, Dayton campus masters physical therapy program.

### Biographical Statement - Linda Markstein, P.T.:

Linda Markstein, PT, graduated from Ohio State University in 1982 with a bachelors of Physical Therapy. She completed her NDT training in Adult Hemiplegia in 1986. She has served on the Board of Directors of NDTA for 2 consecutive terms. Linda has worked at Miami Valley Hospital since 1994 in the Comprehensive Outpatient Treatment Program treating survivors of CVA, SCI and brain injury. Previous work settings include Middletown Regional Hospital, Middletown, Ohio, VNS of Phoenix, Arizona and Fidelity Home Health Care. She has worked in in-patient, outpatient and home health settings. She is a member of APTA, Neurology and Geriatric sections and a member of NDTA.

## Special Session: Hands-on Demonstration — Marlo Anatomical Socket

Marlo Ortiz Vazquez del Mercado, P.O.  
Ortiz Internacional S.A. de C.V.  
— Guadalajara Jaiscol, Mexico

### Program Description:

Mr. Ortiz will follow up his morning presentation with a hands-on demonstration of his Marlo Anatomical Socket

