



**ACPOC 2010 Annual Meeting  
combining with the  
Orthopaedic Rehabilitation Association**

**WEDNESDAY, June 2, 2010**

10:00 am - 5:00 pm                      **REGISTRATION**                      Island Ballroom Foyer

2:00 pm - 6:00 pm                      **TECHNICAL WORKSHOPS**                      Beach Room

2:00 pm - 3:00 pm  
**WORKSHOP A1**  
SWASH Neuromuscular Implications  
*Robert H Meier, CO, Allard USA, Inc.*

4:00 pm - 5:00 pm  
**WORKSHOP A3**  
Managing R1 & R2 with Day/Night Orthotic  
Solutions  
*Taffy Bowman, CPO, Ultraflex Systems, Inc.*

3:00 pm - 4:00 pm  
**WORKSHOP A2**  
SWASH Certification Fitting Lab  
*Robert H Meier, CO, Allard USA, Inc.*

5:00 pm - 6:00 pm  
**WORKSHOP A4**  
TBD

6:00 pm – 6:05 pm  
**Introduction:** *Janet G. Marshall, CPO*

6:05 pm - 6:25 pm  
**SPECIAL PRESENTATION**  
Grand Ball Room

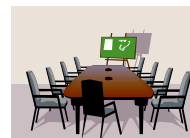
Clearwater Marine Aquarium Presentation - “Winter”  
*Joe Malo, Director of Education*



6:30 pm - 8:00 pm  
**WELCOME RECEPTION**  
Island Ballroom



7:00 pm - 10:00 pm  
**BOARD OF DIRECTORS DINNER MEETING**  
Sand Key Room



## THURSDAY, June 3, 2010

7:00 am - 8:00 am	<b>CONTINENTAL BREAKFAST</b>	Island Ballroom
7:00 am - 5:00 pm	<b>REGISTRATION</b>	Island Ballroom Foyer
8:00 am - 12:30 pm	<b>GENERAL SESSION</b>	Grand Ball Room

8:00 am - 8:10 am

### **WELCOME**

*Robin C Crandall, MD, President*



8:10 am - 9:45 am

### **SESSION I -Lower Limb Prosthetics**

Moderator: *Kenneth J Guidera, MD*

08:10 am - 08:30 am

### **Challenging Case #1**

Reconstruction of Congenitally Unstable, Ligament Deficient Knees

*J Ivan Krajbich, MD; Sabrina M Huston, CPO; Shannon J Kelly, MPT; Kelly M Alexander, RN*

8:30 am - 8:40 pm

### **Paper #1**

Cruciate Ligament Dysplasia in Fibular Deficiency

*Janet L Walker, MD; Vishwas R Talwalkar, MD; Robert Royalty, MD*

8:40 am - 8:50 am - DISCUSSION

8:50 am - 9:00 am

### **Paper #2**

The Utility of Gait Analysis to Enhance Clinical Recommendations in a Patient with Hemipelvectomy

*Meridith Anne Grasso, DPT; Joanne Kanas, DPT, CPO; Dave Hutchinson, PT, MS, ECS*

9:00 am - 9:15 am

### **Challenging Case #2**

The Challenges of Designing and Fitting a Tri-Lateral Amputee with a Low Profile Hip Disarticulation Prosthesis and a Very Short Trans-Femoral Prosthesis.

*Daniel E Griner, BS*

9:15 am - 9:20 am - DISCUSSION

9:20 am - 9:40 am

### **Research Award Winner**

Parent and Self-reported Participation and Health-related Quality of Life in Dutch Children and Adolescents with Congenital Lower Limb Deficiencies

*Anka Michielsen, PT, MSc; Iris van Wijk, MD, PhD; Marjolijn Ketelaar, PhD;*

9:40 am - 9:45 am - DISCUSSION



1:30 pm – 2:30 pm

**HECTOR KAY LECTURE**

Introduction: *Robin C Crandall, MD*

**Pediatric Orthopaedic Update: New Trends in the Field of Pediatric Orthopaedics**

Kenneth J. Guidera, MD, Chief of Staff, Shriners Hospital, Twin Cities, Minnesota

2:30 pm - 5:00 pm

**WORKSHOPS**

Three Concurrent Sessions

**Workshop A – Beach/Gulf**

Physician Guided Case Study Forum

Moderator: *Robin C Crandall, MD*

**Workshop B – Palm/Bay**

A Functional Treatment Approach for the Child With a Lower Extremity Amputation

*Pamela J Versage, PT*

**Workshop C – Sand Key**

Techniques and Procedures in the Correction of Scoliosis Using a Risser Casting Frame to Produce a Wilmington Orthosis

*Daniel E Griner, BS*

3:30 pm - 4:00 pm

**BREAK – Exhibit Hall**

Island Ballroom

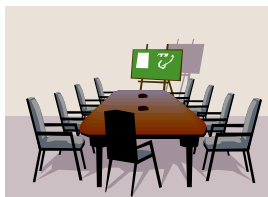
4:00 pm - 5:00 pm

**WORKSHOPS**

(Continued)

5:30 pm

**ORA BOARD OF DIRECTORS MEETING**



## FRIDAY, June 5, 1010

7:00 am - 7:45 am	<b>CONTINENTAL BREAKFAST</b>	Island Ballroom
7:00 am - 5:30 pm	<b>REGISTRATION</b>	Island Ballroom Foyer
7:45 am - 1:00 pm	<b>GENERAL SESSION</b>	Grand Ball Room

7:45 am - 9:45 am  
**SESSION III – Lower Limb Orthotics & Spina Bifida**  
Moderator: *Colleen Coulter-O’Berry, PT*

7:45 am - 9:45 am  
**WORKSHOP D – Bay Room**  
Partial Foot Fabrication: A  
Combined Workshop Symposium  
*Robin C Crandall, MD*

7:45 am - 7:55 am  
**Paper #4**  
Alignment and Fine Tuning of AFOs,  
Utilizing the Strathelvdde Approach  
*Davin Heyd, CO; Mike Watt, CO*

7:55 am - 8:05 am  
**Creative Solution #1**  
Managing Pediatric Crouch with Adjustable Dynamic Response KAFOs  
*Amanda Hall Perine, MPT; Jeffrey E Brooks, CPO*

8:05 am - 8:15 am - DISCUSSION

8:15 am - 8:25 am  
**Paper #5**  
An Innovative Convertible KAFO Design Allows Improved Mobility in a 2-year-old Patient with Spina Bifida  
*Jane Anne Emerson, MD; Lynne Snyder, CO*

8:25 am - 8:30 am - DISCUSSION

8:30 am - 9:30 am  
**Symposium II**  
Spina Bifida, the Orthopaedic Perspective  
*Samuel R Rosenfeld, MD; Laura Lowe Tosi, MD; Hugh Godfrey Watts, MD*

9:30 am - 9:45 am - DISCUSSION

9:45 am - 10:30 am                   **BREAK – Exhibit Hall**                   Island Ballroom

10:30 am - 1:00 pm  
**SESSION IV - Upper Limb Prosthetics**  
Moderator: *David B Rotter, CPO*

10:30 am - 11:25 am

**PRESIDENTIAL GUEST SPEAKER**

Introduction: *Robin C Crandall, MD*

**Amputation, Prosthetics and Rehabilitation in Children**

*René Baumgartner, MD*, Emeritus Professor of Orthopaedic Surgery, Department of Prosthetics, Orthotics and Related Surgery, University of Münster/Germany

11:25 am - 11:45 am

**Research Award Winner**

Developing and Implementing Force Transducers in Gross Motor Tasks as a Means of Quantitative Assessment

*Katelynn Craig; Carly Genn; Edmund N Biden, PhD;*

*Victoria Chester; Wendy L Hill, OT*

11:25 am - 1:00 pm

**WORKSHOP E – Bay Room**

Medically-based Evidence Relating to Subtalar Neutral Posture for Pediatric AFOs

*Robert Meier, CO; David C Ruthastz, CPO*

11:45 am - 11:50 - DISCUSSION

11:50 am - 12:00 pm

**Paper #6**

Findings of the Upper Limb Prosthetic Outcome Measures(ULPOM) Working Group

*Wendy L Hill, OT*

12:00 pm - 12:05 pm - DISCUSSION

12:05 pm - 12:20 pm

**Paper #7**

Shoulder Disarticulation Interface Designs

*Gerald E Stark, CPO*

12:20 pm - 12:30 pm

**Creative Solution #2**

Riding a Tricycle Without Arms

*Lynn White, OTRL; Natasha Casimir, MS, PT*

12:30 pm - 12:45 pm

**Challenging Case #3**

5-year-old Unilateral Shoulder Disarticulation

*Nicole T Soltys, CP*

12:45 pm – 1:00 pm - DISCUSSION

1:00 pm - 2:00 pm

**MEMBERS' BUSINESS MEETING**

Grand Ball Room

2:00 pm - 5:30 pm  
**GENERAL SESSIONS**  
Grand Ball Room

2:00 pm - 3:50 pm  
**SESSION V – Lower Limb Orthotics & Cerebral Palsy**  
Moderator: *Sandra Smith, PT*

2:00 pm - 2:10 pm  
**Paper #8**  
Long-Term Retrospective Functional Out-comes in SMO Dynamic AFO Wear in Moderate to Severe Cerebral Palsy  
*Nancy M Hylton, PT, LO*

2:10 pm - 2:20 pm  
**Paper #9**  
A Comparison of Constraint Induced Movement Therapy to Intensive Conventional Therapy Provided to Pediatric Patients with Hemiplegic Cerebral Palsy  
*Lynn White, OTR/L, ATP; Alfred Hess, MD; Adrian Karol, MOTRL; Pamela J Versage, PT; Natasha Casimir, MS, PT; April Luedecke, MPT; Lisa Green, RH*

2:20 pm - 2:30 pm - DISCUSSION

2:30 pm - 3:40 pm  
**Symposium III**  
Cerebral Palsy: Pediatric to Adult Transition  
*Laura Lowe Tosi, MD; Mindy Aizen, MD; Kevin Murphy, MD*

3:40 pm - 3:50 pm - DISCUSSION

3:50 pm - 4:30 pm                      **BREAK – Exhibit Hall**                      Island Ballroom

4:30 pm - 5:20 pm  
**Symposium IV - Rehabilitation Facility Standards**  
Achieving Excellence in Pediatric Amputee Specialty Programs  
CARF, An Approach to Consider  
*Christine M MacDonell, Managing Director, Medical Rehab & Int'l Aging Services*

5:20 pm - 5:30 pm - DISCUSSION

6:00 pm - 10:00 pm  
**BEACH PARTY**  
*See Preliminary Program for details*



2:00 pm - 2:30 pm  
**WORKSHOP F – Bay Room**  
The Ipsilateral Scapular Cutaneous  
Anchor: Application in Consumer Use  
*Debra Ann Latour, MEd*

## SATURDAY. June 5, 2010

7:00 am - 8:00 am	<b>CONTINENTAL BREAKFAST</b>	Island Ballroom
8:00 am - 1:30 pm	<b>REGISTRATION</b>	Island Ballroom Foyer
8:00 am - 1:00 pm	<b>GENERAL SESSION</b>	Grand Ball Room

8:00 am - 9:45 am  
**SESSION VI – Femoral Abnormalities**

Moderator: *Robin Crandall, MD*

8:00 am - 8:15 am  
**Challenging Case #4**

Right Proximal Femoral Focal Deficiency and  
Left Sided Spastic Hemiplegia

*Brian J Giavedoni, CP; Jorge Amelio Fabregas, MD;  
Colleen Coulter-O'Berry, PT, MS, PCS*

8:15 am - 8:20 am - DISCUSSION

8:20 am - 8:35 am  
**Challenging Case #5**

High AK Amputation Coupled with Severe Contralateral Spastic Hemiparesis  
*Robin C Crandall, MD*

8:35 am - 8:40 am - DISCUSSION

8:40 am - 8:55 am  
**Challenging Case #6**

Implementation of a Modular Lower Extremity Prosthesis in Conjunction with External Fixation to  
Optimize Stump Alignment and Function

*Maureen C Suhr, DPT; Magdalena M Oledzka, PT, MBA, PCS; Daniel W Green, MD; Glenn W  
Garrison, CPO*

8:55 am - 9:00 am - DISCUSSION

9:00 am - 9:10 am  
**Creative Solution #3**

The Use of Custom Liner and Shuttle Lock in Van Ness Prosthesis  
*James Kallen, CPO*

9:10 am - 9:15 am - DISCUSSION

8:00 am - 9:45 am

**WORKSHOP G – Bay Room**

Advanced Therapeutic Orthotic  
Management Techniques for the  
Child with Spastic Cerebral Palsy  
*Keith M Smith, CO; Janice E Brunstrom-  
Hernandez, MD; Ashley Cavendar, PT;  
Courtney Dunn, PT*

9:15 am - 9:25 am

**Paper #10**

Prosthesis for Patient with Proximal Femoral Focal Deficiency: A Case Report

*Kristopher de Paz de Leon, MD; Gaerlan D Inciong, MD*

9:25 am - 9:35 am

**Paper #11**

Preservation of the Native Knee in Patients with Malignant Bone Tumors in the Metaphyseal Area of the Distal Femur and Proximal Tibia, Using Massive Allografts

*J Ivan Krajbich, MD; Kelly M Alexander, RN*

9:35 am - 9:45 am - DISCUSSION

9:45 am - 10:15 am

**BREAK – Exhibit Hall**

Island Ballroom

10:15 am - 1:00 pm

**SESSION VII – Global Implications**

Moderator: *Janet Marshall, CPO*

10:15 am - 11:00 am

**Symposium V**

Challenges and Solutions in Treating the Orthopedic Needs of Children with Obesity

*Sandra Smith, MS, PT; Maureen J Maciel, MD; Janet G Marshall, CPO; Jane Becker, RD; Ann B Stomkin, SW; Colleen Coulter-O’Berry, PT, MS, PCS; Brian J Giavedoni, CP; Pat Johnson, PT*

11:00 am - 11:10 - DISCUSSION

11:10 am - 11:50 am

**Symposium VI**

Military Orthopaedics

*Joseph Alderete, MD, MAJ, MC; Musculoskeletal Onocologist, Brooke Army Medical Center*

11:50 am - 12:00 pm - DISCUSSION

12:00 pm - 12:10 pm

**Creative Solution #4**

Exploring Cultural Differences in the Iraqi Limb-Loss Patients

*Kelly M Alexander, RN; Sabrina M Huston, CPO*

12:10 pm - 12:20 pm

**Challenging Case #7**

A Multidisciplinary Approach to Meet the Needs of a Patient from Rural Peru

*Pamela J Versage, PT; Carmen Aranda, MOTRL; Bryan Sinnott, CPO; Daniel E Griner, CPO*

12:20 pm - 12:30 - DISCUSSION

12:30 pm - 12:50 pm

**Symposium VII**

Applications of External Power to Prostheses and Orthoses

*Robert D Lipschutz, CP*

12:50 pm – 12:55 pm - DISCUSSION

12:55 pm – 1:00 pm

**Closing Remarks**

Janet Marshall, CPO

1:00 pm – 4:00 pm

**BOARD OF DIRECTORS LUNCH MEETING**

Sand Key Room

4:45 pm – 9:00 pm

**CLEARWATER MARINE AQUARIUM**

Tour, Dolphin Show & Dinner

*See Preliminary Program for details*

**POSTERS – Grand Ball Room Foyer**

**Poster #1**

The Influence of Foot Orthoses on the Function of a Child with Developmental Delay

**Deborah A George, PhD**

**Poster #2**

Serial Casting with Anterior Cut-out to Increase Dorsiflexion ROM for Dynamic AFO Wear

**Nancy Hylton, PT, CO**

**Poster #3**

Case Study: Moderate to Severe Spastic Diplegia Comparison of 3 Different Dynamic AFO Styles

**Nancy Hylton, PT, CO**

**Poster #4**

Clearance Adaptations in Children with Limb Loss during Early Walking

**Mark Geil, PhD; Colleen Coulter-O'Berry, PT, MS, PCS**

**Poster #5**

The Role of a Prosthetic Knee on Temporal and Spatial Parameters of Crawling

**Mark Geil, PhD; Colleen Coulter-O'Berry, PT, MS, PCS; Carolyn B Heriza, PT, EdD**

