



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.

3:00 pm - 4:00 pm

WORKSHOP A2

SWASH Certification Fitting Lab
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.

5:00 pm - 6:00 pm

WORKSHOP A4

TBD

6:00 pm - 6:30 pm

SPECIAL PRESENTATION

Grand Ball Room

6:00 pm – 6:20 pm

Introduction: *Janet G. Marshall, CPO*

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



6:20 pm – 6:30 pm

Winter’s Prosthetic Tail – How it Was Made

Dan Strezempka, CPO, Hanger

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	CONTINENTAL BREAKFAST	Island Ballroom
7:00 am - 5:00 pm	REGISTRATION	Island Ballroom Foyer
8:00 am - 12:30 pm	GENERAL SESSION	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 - 9:10 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

9:10 pm - 9:20 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

9:20 am - 9:25 am - DISCUSSION

9:25 am - 9:45 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;

9:45 am - 9:50 am - DISCUSSION

9:50 am - 10:30 am

BREAK – Exhibit Hall

Island Ballroom

10:30 am - 12:30 pm

GENERAL SESSION

Grand Ball Room

10:30 am - 10:45 am

NEW INVESTIGATOR RESEARCH AWARD

Introduction: Robin C Crandall, MD

Award Presentations by Todd Anderson

Sponsored by Otto Bock Healthcare



10:45 am – 10:50 am

VERNON NICKEL AWARD

Introduction: *John D Hsu, MD*

10:50 am - 11:05 am

Vernon Nickel Award Presentation

Prevalence of Rotator Cuff Tear in Paraplegic Patients Compared to Controls: A Case-Control-Study

Michael Akbar, MD

11:05 am - 11:10 am - DISCUSSION

11:10 am - 12:30 pm

SESSION II – Spine & Upper Limb

Moderator: *J Ivan Krabjich, MD*

11:10 am - 11:30 am

Research Award Winner

Orthotic Treatment of Pectus Carinatum: A Secondary Retrospective Analysis

Anne E Fecko, OTRL,MSEd,BEO

11:30 am - 11:40 am

Paper #3

Self-report of Appearance, Function, and Pain in Children with Spinal Cord Injury Who Have Used a Thoracic-lumbar-sacral Orthosis

Anita Bagley, PhD; Lynda Painting, BS; Mitell L Sison-Williamson, MS; Craig M McDonald, MD

11:40 am - 11:45 am - DISCUSSION

11:45 am - 12:25 pm

Symposium I

Rehabilitation of Children with Brachial Plexus Injury

Allan E Peljovich, MD; Joshua Ratner, MD; Colleen Coulter-O'Berry, PT, MS, PCS

12:25 am - 12:30 am - DISCUSSION

12:30 pm - 1:30 pm **LUNCH**

Buffet in Exhibit Hall

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, Active Medical Staff, Chief of Staff, Shriners Hospital for Children - Twin Cities, Minneapolis, MN

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

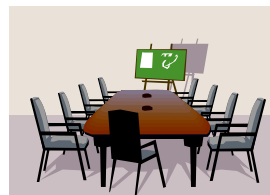
Island Ballroom

4:00 pm - 5:00 pm

WORKSHOPS
(Continued)

5:30 pm

ORA BOARD OF DIRECTORS MEETING



FRIDAY, June 4, 2010

7:00 am - 7:45 am	CONTINENTAL BREAKFAST	Island Ballroom
7:00 am - 5:30 pm	REGISTRATION	Island Ballroom Foyer
7:45 am - 1:00 pm	GENERAL SESSION	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
On the lawn beside the pool area adjacent to the beach
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	CONTINENTAL BREAKFAST	Island Ballroom
8:00 am - 1:30 pm	REGISTRATION	Island Ballroom Foyer
8:00 am - 1:00 pm	GENERAL SESSION	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 A 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; Colleen Coulter-O'Berry, PT, MS, PCS; Brian J Giavedoni, CP; Pamela Patt, RD, CSP, LD, CNSD

11:00 am - 11:10 - DISCUSSION

11:10 am - 11:50 am

Symposium VI

Military Orthopaedics

Joseph Alderete, MD, MAJ, MC; Musculoskeletal Oncologist, 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 - 12:15 - DISCUSSION

12:15 pm - 12:45 pm

Symposium VII

Applications of External Power to Protheses and Orthoses

Robert D Lipschutz, CP

12:45 pm – 12:50 pm - DISCUSSION

12:50 pm – 12:55 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

Transportation will be provided

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

Poster #6

Acceptance of the Dynamic Movement Wrist Hand Orthosis in hemiplegic Cerebral Palsy Patients:
A Pilot Study

Kali Marquardt, MSPO; James Wynne, CPO; Annette Correia, OT; Rayne Dingman, OT;

Martin Matthews, M.Phil

