

Surgery and Rehabilitation of the Hand: Seize the Evidence!

March 11 – 14, 2017

Philadelphia Marriott Downtown Hotel

One day pediatric pre-course on March 10, 2017

'17
PHILADELPHIA
MEETING

HONORED PROFESSORS:

Jeanine Beasley, EdD, OTR, CHT, FAOTA

Susan W. Stralka, PT, DPT, MS, ACHE

Francisco Del Piñal, MD

Mike Hayton, BSc(Hons), MBChB, FRCS(Orth),
FFSEM(UK)

P.C. Ho, MD

William H. Seitz, MD

CHAIRMEN:

Terri M. Skirven, OTR/L, CHT

Jane M. Fedorczyk, PT, PhD, CHT

Jenifer M. Haines, MS, OTR/L, CHT

A. Lee Osterman, MD

Lauren M. DeTullio, MS, OTR/L, CHT

Sheri B. Feldscher, OTR/L, CHT

Pediatric Upper Extremity Pre-Course for Surgeons and Therapists

Friday, March 10, 2017

COURSE DIRECTORS: *Joshua M. Abzug, MD; Scott H. Kozin, MD; Dan A. Zlotolow, MD*

A one-day course of pediatric upper extremity surgery and therapy that focuses on the hand, including common, traumatic and congenital conditions

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2017 PHILADELPHIA MEETING

The Philadelphia Hand Rehabilitation Foundation is proud to present the 43rd annual symposium, **Surgery and Rehabilitation of the Hand**. The 2017 program will feature evidence informed practice in the care of upper extremity injuries and conditions with particular emphasis on the wrist. Presented by a distinguished faculty of surgeons and therapists, the program will include surgery videos, anatomy laboratory sessions, panel discussions, hands-on workshops and orthotic fabrication labs, which will complement the general didactic sessions.

TARGET AUDIENCE: Hand Therapists, Occupational and Physical Therapists, Athletic Trainers, Rehabilitation Nurses, Hand, Orthopedic, Plastic and General Surgeons, Physiatrists and Residents.

SATURDAY, MARCH 11, 2017

General Session

- 6:30 Registration/Continental Breakfast**
- 8:00 Welcome and Introduction of Honored Professors**
Lawrence H. Schneider, MD
Terri M. Skirven, OTR/L, CHT

FUNDAMENTALS

Moderator: Joy C. MacDermid, BScPT, PhD

- 8:15 Evidence Informed Practice: What Is It, What Difference Does It Make?**
Joy C. MacDermid, BScPT, PhD
- 8:30 Maximizing Patient Outcomes Across the Tissue Healing Continuum**
Jane M. Fedorczyk, PT, PhD, CHT
- 9:00 Assessment and Management of Edema**
Sheri B. Feldscher, OTR/L, CHT
Norah Malkinski, OTR/L
- 9:20 Assessment and Management of Scars**
J. Martin Walsh, OTR/L, CHT
- 9:40 Assessment and Management of Wounds**
Gayle Severance, MS, OTR/L, CHT
- 10:00 Break/Exhibits**

FUNDAMENTALS *continued*

Moderator: Jane M. Fedorczyk, PT, PhD, CHT

- 10:30 Panel: Clinical Examination: Establishing a Baseline**
Sue A. Emerson, OTR, CHT
Elaine E. Fess, MS, OTR, FAOTA, CHT
Karen S. Schultz, MS, OTR, FAOTA, CHT
- 11:00 AOTA/APTA - Evidence based Resources**
Deborah Lieberman, MSHA, OTR/L, CHT
Jane M. Fedorczyk, PT, PhD, CHT

WRIST

Moderator: Mike Hayton, BSc(Hons), MBChB, FRCS(Orth), FFSEM(UK)

- 11:20 Overview of Wrist Injuries**
Mike Hayton, BSc(Hons), MBChB, FRCS(Orth), FFSEM(UK)
- 11:40 Wrist Anatomy and Biomechanics**
Marc Garcia-Elias, MD, PhD
- 12:00 Clinical Exam of the Wrist**
Terri M. Skirven, OTR/L, CHT
- 12:30 Lunch/Exhibits**

THE ULNAR WRIST

Moderator: Lauren M. DeTullio, MS, OTR/L, CHT

- 1:30 The Ulnar Wrist: Anatomy, Biomechanics and Clinical Applications**
Emily Altman, PT, DPT, CHT, OCS, CLT
- 1:50 The Four Leaf Clover Treatment Algorithm; A Practical Approach for Ulnar Wrist Conditions**
Sanjeev Kakar, MD
- 2:10 Post-operative Therapy for Ulnar Wrist Conditions**
Terri M. Wolfe, OTR/L, CHT
- 2:30 Orthotic Interventions for Ulnar Wrist Conditions/Procedures**
Lauren M. DeTullio, MS, OTR/L, CHT
- 2:50 Q & A**
- 3:00 Break/Exhibits**
- 3:30 Concurrent sessions 1 – 10**
Please refer to the list of concurrent sessions at the right.
Registration fee includes one concurrent session. Kindly indicate 3 sessions, in order of preference, on the attached registration form.
Concurrent sessions will be assigned based on your list of preferences and availability of space.
- 5:30 Saturday Sessions End**

CONCURRENT SESSIONS
SATURDAY, MARCH 11, 2017
3:30-5:30 PM

1. Treatment of Thumb CMC OA

Moderator: Virginia H. O'Brien, OTD, OTR/L, CHT
Joy C. MacDermid, BScPT, PhD
Terri L. Wolfe, OTR/L, CHT

This session will focus on the biomechanics of treatment of the painful arthritic thumb, including manual techniques and exercises to increase dynamic stability of the thumb CMC joint and the role of orthoses. The techniques covered in this session will empower therapists and patients to reduce the pain that is associated with using the thumb to pinch, pull and grasp. An overview of outcome assessment tools appropriate for this patient population will be presented.

2. Hand Assessment: Where is the Evidence?

Elaine E. Fess, MS, OTR, FAOTA, CHT

This session will cover the use of standardized upper extremity assessments including tests of sensibility, dexterity, strength and hand function. Recent research regarding the correlation between handedness and grip strength will be discussed. Standardization, validity, and reliability of procedures and tests will be covered as well as the connection between clinical reasoning, treatment planning and evidence based practice.

3. Orthosis Fabrication: Ulnar Sided Wrist Conditions

Moderator: David M. Wolfe, OTR/L, CHT
Katie Burkhart, MS, OTR/L, CHT
Meredith McCaffery, MS, OTR/L
Lauren J. O'Donnell, OTR/L, CHT

This workshop will present an overview of orthotic fabrication principles and orthosis designs for ulnar sided wrist conditions such as TFCC injuries, DRUJ instability, and ECU subluxation. Participants will have the opportunity to fabricate an orthosis.

4. Therapy Practice Management

Kristen A. Valdes, OTD, OT, CHT
Nancy M. Cannon, OTR/L, CHT

This session will cover a variety of topics related to therapy practice management including coding and billing for hand therapy services, an update on orthotics reimbursement, marketing and suggestions for containing costs. Participants are encouraged to bring questions to participate in an open discussion.

5. Ergonomic Trends and Interventions in the Workplace

Sue A. Emerson, OTR, CHT, CEES

This session will provide an overview of ergonomic trends in the workplace such as sit-stand stations and the emerging evidence for their proper use and set-up; as well as the current perspectives regarding carpal tunnel syndrome and computer keyboard use.

6. Extensor Tendon Injuries: Repair and Rehabilitation

Moderator: Roslyn B. Evans, OTR/L, CHT
Julianne W. Howell, PT, MS, CHT; Eon K. Shin, MD

This session will present extensor tendon anatomy and biomechanics; surgical management of extensor tendon injuries and timetables for healing; post-operative management for tendon repairs; and case examples; current evidence for management will be discussed.

7. Understanding How the Thumb Moves

Judy C. Colditz, OTR/L, CHT, FAOTA

This session will provide a thorough review of the anatomy and biomechanics of the thumb; participants will participate in an exercise designed to enhance the appreciation of the thumb muscles.

8. Overuse Shoulder and Elbow Injuries in the Overhead Athlete

Moderator: Angela Tate, PT, PhD
Brian J. Eckenrode, PT, DPT, MS, OCS

Overuse injuries can frequently affect the overhead athlete. Understanding the biomechanical demands of the shoulder and elbow in conjunction with the kinetic chain is paramount to management of these injuries. This session will present the current best practice treatment of upper extremity overuse injuries in the athlete while focusing on the assessment, management and return to sport guidelines.

9. Hand Therapy Certification Commission

J. Martin Walsh, OTR/L, CHT

This session will cover the history of hand therapy certification, scope of practice and practice analysis. The certification test blueprint and item writing process will be reviewed as well as eligibility requirements. Test preparation strategies, study groups and resources will also be covered.

10. Tendon Transfers

Moderator: Marie G. Sayers, OTR/L, CHT
Leonid I. Katolik, MD
Gayle Severance, MS, OTR/L, CHT

This session will cover the indications and biomechanics of tendon transfers. The rationale for selecting the specific tendon to be transferred, surgical procedures, postoperative orthoses, precautions and tendon transfer training techniques will be included.

SUNDAY, MARCH 12, 2017

8:00 Concurrent Sessions 11-20 Session A

Please refer to the list of concurrent sessions at the right.

Kindly indicate 3 choices for the 8:00 session, in order of preference, on the attached registration form.

Concurrent sessions will be assigned based on your list of preferences and availability of space.

10:00 Break/Exhibits

10:30 General Session

2:50 Q & A

3:00 Break/Exhibits

3:30 Concurrent sessions 11-20 Session B

Please refer to the list of concurrent sessions at the right.

Kindly indicate 3 choices for the 3:30 session, in order of preference, on the attached registration form.

Concurrent sessions will be assigned based on your list of preferences and availability of space.

5:30 Sunday Sessions End

CARPAL INSTABILITY

Moderator: Francisco Del Piñal, MD

10:30 The Spectrum, Pathomechanics and Treatment for Carpal Instability

Scott W. Wolfe, MD

10:50 Role of Muscles in the Stabilization of Ligament Deficient Wrists

Marc Garcia-Elias, MD, PhD

11:10 Carpal Instability Associated with Distal Radius Fractures

Francisco Del Piñal, MD

11:30 Arthroscopic Reconstruction of Carpal Instability

P. C. Ho, MD

11:50 Rehabilitation Guidelines for Carpal Instability

Julianne W. Howell, PT, MS, CHT

12:10 Rehabilitation Strategies for Wrist Sensori-motor Control

Christos Karangiannopoulos, PT, PhD, MEd, ATC, CHT

12:30 Lunch/Exhibits

DISTAL RADIUS FRACTURES

Moderator: William H. Seitz, MD

1:30 Distal Radius Fractures: Classification and Management

William H. Seitz, MD

1:50 Plates and Tendon Rupture

A. Lee Osterman, MD

2:05 Therapy Following Distal Radius Fracture: Content and Context

Nancy Naughton, OTD, OTR/L, CHT

2:30 Wrist Outcome Measures and Correlation to the International Classification of Functioning (ICF)

Kristen A. Valdes, OTD, OT, CHT



**RELAX YOUR MIND-
ENERGIZE YOUR BODY!**

**ZUMBA FUNDRAISER
for the
Hand Rehabilitation Foundation**

Sunday evening

March 12th at 6:00 pm

Minimum donation of \$10.00 per person

Bring appropriate clothing

CONCURRENT SESSIONS SUNDAY, MARCH 12, 2017

*These sessions run twice on Sunday
from 8:00 am – 10:00 am
and from 3:30 pm – 5:30 pm*

11. Clinical Examination of the Elbow

Moderator: Jason A. Suda, MS, OTR/L, CHT
Ariana Bells, OTR/L, CHT
Marianne K. Dunphy, OTR/L, CHT
Laura Walsh, MS, OTR/L, CHT
Teresa M. Zapotochny, PT, CHT

This session will cover clinical assessment of the elbow including tests for stability, mobility, strength and special tests for the elbow and interpretation of findings. Clinical reasoning in the development of a treatment plan based on findings will be illustrated. Reliability and validity of the techniques will be emphasized.

12. Clinical Examination of the Wrist

Moderator: Emily Altman, PT, DPT, CHT, OCS, CLT
Alison Babula, MS, OTR/L, CHT
Caitlin McCormick, MS, OTR/L
Brady McGuire MS, OTR/L
Gayle Severance, MS, OTR/L, CHT

This hands-on workshop will guide the participants through a systematic clinical examination of the wrist. A review of the anatomy and biomechanics will precede the lab. The provocative tests for wrist instability patterns will be demonstrated and practiced. Emphasis will be placed on the recognition of the signs and symptoms of a variety of common wrist conditions.

13. Orthosis Fabrication: Creative Orthosis Solutions

Moderator: Marie G. Sayers, OTR/L, CHT
Colleen C. Burke, PTA
Karen Davis, COTA
Sheri Feldscher, OTR/L, CHT
David M. Wolfe, OTR/L, CHT

This hands-on workshop will include a presentation of several examples of creative orthosis applications. Participants will practice a variety of orthosis fabrication techniques to accommodate pins and open wounds.

14. Graded Motor Imagery

Moderator: Susan W. Stralka, PT, DPT, MS, ACHE
Lisa M. Smurr Walters, MS, OTR/L, CHT

This session will describe the uses of Graded Motor Imagery for the rehabilitation of patients with complex pain conditions including CRPS and phantom limb pain. The developmental approach of laterality training, mental imagery and mirror therapy will be described. Participants will gain knowledge in the theory behind GMI as well as learn practical skills for clinical application of techniques.

15. Taping Techniques for the Upper Extremity

Moderator: Mary F. Loughlin, OTR/L, CHT
MaryBeth LaPlant, PT, CHT
Nancy Naughton, OTD, OTR/L, CHT
Terri Speakman, OTR/L, CHT

The use of kinesiology taping for a variety of upper extremity injuries and conditions will be demonstrated and practiced in this hands-on session. Instruction on the fundamentals of kinesiology taping will be given. Taping for facilitation, inhibition, protection, scar management and edema management will be addressed.

16. Flexor Tendon Injuries: Repair and Rehabilitation

Moderator: Nancy M. Cannon, OTR/L, CHT
Roslyn B. Evans, OTR/L, CHT
Rowena McBeath, MD, PhD
Karen M. Pettengill, MS, OTR/L, CHT

This session will cover flexor tendon anatomy and biomechanics, surgical management of flexor tendon injuries and healing, therapy for flexor tendon injuries/repairs and an overview of the literature related to rehabilitation of flexor tendon repairs.

17. Orthosis Fabrication: Relative Motion Orthoses

Moderator: Julianne W. Howell, PT, MS, CHT
Angie Dickerson-Schnatz, MPT, CHT, OCS
Annalisa Synnestvedt, MOT
Janice L. Trope, OTR/L, CHT
Ellen G. Wilson, OTR/L, CHT

This lab will provide an overview of the relative motion concept, orthotic fabrication methods and techniques and indications. Participants will have the opportunity to fabricate a relative motion orthosis with training in variations unique to each finger.

18. Joint Play in Motion

Moderator: Karen S. Schultz, MS, OTR, FAOTA, CHT
Lois Bencardino, OTR/L
Shanna Corbin, MS, OTR/L, CHT

This hands-on workshop will review traditional joint mobilization techniques for the elbow, forearm, wrist and hand as well as introduce techniques to combine accessory motions with physiologic motion to reduce joint pain and/or improve range of motion.

19. Orthopedic Assessment of the Nervous System

Moderator: Mark T. Walsh, PT, DPT, MS, CHT, ATC
Lauren M. DeTullio, MS, OTR/L, CHT
Jenifer M. Haines, MS, OTR/L, CHT
Ann M. Lucado, PhD, MS, PT, CHT
Deborah K. Reich, PT, DPT, CHT

This hands-on session will provide the rationale, indications, treatment guidelines, precautions and contraindications for nerve mobilization. The process of neurodynamic testing of the upper extremity will be demonstrated and practiced.

20. Wrist Biomechanics: Dynamic Stability and Function

Moderator: Kristen A. Valdes, OTD, OT, CHT
Marc Garcia-Elias, MD, PhD
Christos Karangiannopoulos, PT, , PhD, MEd, ATC, CHT

This session will present an overview of wrist biomechanics, proprioception and the concept of dynamic stability of the wrist. Assessment of function, kinematics and patient expectations and satisfaction in self-identified activities for a range of wrist pathologies will be discussed.

MONDAY, MARCH 13, 2017

General Session

6:30 Continental Breakfast

FLEXOR & EXTENSOR TENDON CONDITIONS

Moderator: Rowena McBeath, MD, PhD

- 8:00 **Overview of Extensor Tendon Anatomy, Injuries and Repairs**
Mark S. Rekant, MD
- 8:20 **Clinical Reasoning for Extensor Tendon Injuries by Zone of Injury**
Roslyn B. Evans OTR/L, CHT
- 8:40 **Relative Motion Concept Applied to Extensor Tendon Rehabilitation**
Julianne W. Howell, PT, MS, CHT
- 9:00 **Overview of Flexor Tendon Anatomy, Injuries and Repairs**
Mark E. Baratz, MD
- 9:20 **Wide-Awake Flexor Tendon Repair**
Blane A. Sessions, MD
- 9:40 **Factors that Influence Healing and Postoperative Management**
Rowena McBeath, MD, PhD
- 10:00 **Break/Exhibits**

FLEXOR & EXTENSOR TENDON CONDITIONS *continued*

Moderator: Sheri B. Feldscher, OTR/L, CHT

- 10:30 **Understanding the Ambiguous Work of Flexion in Flexor Tendon Rehabilitation**
Judy C. Colditz, OTR/L, CHT, FAOTA
- 10:50 **Historical Perspective on Tendon Protocols and Current Relevance**
Karen M. Pettengill, MS, OTR/L, CHT
- 11:10 **Clinical Reasoning for Tendon Rehabilitation: One Size Does Not Fit All!**
Sheri B. Feldscher, OTR/L, CHT
- 11:30 **Secondary Tendon Procedures: Tenolysis, Staged Tendon Reconstruction, Tendon Transfers**
Leonid I. Katolik, MD
- 11:50 **Rehabilitation Following Secondary Tendon Procedures: Tenolysis, Staged Tendon Reconstruction, Tendon Transfers**
Nancy M. Cannon, OTR/L, CHT
- 12:10 **Case Presentation**
Alison Babula, MS, OTR/L, CHT
- 12:20 **Q & A**
- 12:30 **Lunch/Exhibits**

OA OF THE THUMB CMCJ

Moderator: Jeannine Beasley, EdD, OTR, CHT, FAOTA

- 1:30 **Anatomy, Pathomechanics for Thumb CMCJ OA**
Peter M. Stern, MD

- 1:45 **Dynamic Stability Approach in the Conservative Intervention of the CMCJ of the Thumb**
Virginia O'Brien, OT, CHT
- 2:05 **Orthotic Intervention for Thumb CMCJ OA**
Jeannine Beasley, EdD, OTR, CHT, FAOTA
- 2:20 **Surgery for Thumb CMCJ OA**
Jeffrey Yao, MD
- 2:40 **Postoperative Therapy Following Surgery for Thumb CMCJ OA**
Jenifer M. Haines, MS, OTR/L, CHT
- 3:00 **Break/Exhibits**
- 3:30 **Concurrent Sessions 21-28**
Please refer to the list of concurrent sessions at the right.
Registration fee includes one concurrent session. Kindly indicate 3 sessions, in order of preference, on the attached registration form.
Concurrent sessions will be assigned based on your list of preferences and availability of space.
- 5:30 **Monday Sessions End**

**BACK BY
POPULAR
DEMAND!**

Project Splint Pan

**Monday, March 13th
6:30 pm**

A competition involving audience volunteers. Take a chance to participate in a splint design and fabrication competition.

Host: Terri L. Wolfe, OTR/L, CHT

Panel of Judges: Julianne W Howell, PT, MS, CHT
Jeanine Beasley, EdD, OTR, CHT, FAOTA
Elaine E. Fess, MS, OTR, FAOTA, CHT
David M. Wolfe, OTR/L, CHT
Lauren J. O'Donnell, OTR/L, CHT



**DON'T FORGET
THE HRF
ZUMBA
FUNDRAISER!**

Sunday evening

March 12th at 6:00 pm

Minimum donation of \$10.00 per person

BRING APPROPRIATE CLOTHING

CONCURRENT SESSIONS
MONDAY, MARCH 13, 2017
3:30-5:30 PM

21. Clinical Examination of the Shoulder

Martin J. Kelley, PT, DPT, OCS

Brian G. Leggin, PT, DPT, OCS

This hands-on workshop will review surface anatomy, clinical evaluation of and special tests for the shoulder complex. Common shoulder pathology will be discussed in relation to physical findings. The role of the cervical spine in the production of shoulder pain will also be addressed.

22. Orthosis Fabrication: Static Progressive Wrist Extension Orthosis

Moderator: Lauren J. O'Donnell, OTR/L, CHT

Katie L. Burkhart, OTR/L, CHT

Marianne K. Dunphy, OTR/L, CHT

Michelle Gorman, MS, OTR/L

Participants will fabricate a static progressive orthosis to resolve limitations in wrist extension range of motion. Indications, tips, and techniques and alternative splint designs will be discussed.

23. Arthroplasty of the PIP and DIP Joints

Moderator: Jeanine Beasley, EdD, OTR, CHT, FAOTA

John D. Lubahn, MD

Terri L. Wolfe, OTR/L, CHT

This session will present the indications, surgical procedures and post-operative management following arthroplasty of the MCP and PIP joints. Healing timetables, orthotic intervention and precautions will be stressed for the various procedures and implants.

24. Work Capacity Evaluation

Sue A. Emerson, OTR, CHT, CEES

Functional Capacity Evaluation provides essential objective information as a basis for work simulation programs and return to work. The participants will learn techniques to determine safe function and predict an individual's readiness to return to work. The evaluation of the upper extremity physical demands and techniques for meaningful reporting will be emphasized.

25. Key Concepts for Mobilizing the Stiff Hand

Judy C. Colditz, OTR/L, CHT

This workshop will explore our current state-of-the-art, evidence-based rationale for treating stiffness in the hand. Common myths of treating stiffness will be discussed and evidence for central concepts such as ideal mobilization approaches, duration of treatment and the role of intrinsic muscle tightness will be considered. This information will be applied to the biomechanics of each joint of the hand, as relevant treatment approaches specific to each joint are discussed.

26. Differentiation of Upper Limb Neurogenic Pain

Moderator: Jane M. Fedorczyk, PT, PhD, CHT

David Ebaugh, PT, PhD, OCS

Mark T. Walsh, PT, DPT, MS, CHT, ATC

This session will present an overview of the anatomy of the cervical spine and peripheral nerve entrapment points. Examination techniques and key points to differential diagnosis will be discussed to delineate the numerous sources of upper limb neurogenic pain.

27. Rotator Cuff Disorders

Philip J. McClure, PT, PhD

This session will present current concepts in the examination and management of patients with rotator cuff disorders. A new functional performance test will be presented. Current studies related to the efficacy of exercise; the influence of pain and pain relieving injection on voluntary activation of the RC musculature; and a new classification scheme will be discussed.

28. Edema Management

Moderator: Sheri B. Feldscher, OTR/L, CHT

Norah Malkinski, OTR/L, CLT

Nancy Naughton, OTD, OTR/L, CHT

This session will provide an overview of post-traumatic and post-surgical edema management for the upper extremity. The pathophysiology of edema including basic anatomy and physiology of the lymphatic and venous systems will be covered as a foundation for understanding management techniques. Examination and interventions such as compression bandaging and manual edema mobilization will be demonstrated and practiced.

TUESDAY, MARCH 14, 2017**General Session**

6:30 Continental Breakfast

PAIN CONDITIONS OF THE UPPER EXTREMITY

Moderator: A. Lee Osterman, MD

- 8:00 **Advancements in the Neuroscience of Pain and Clinical Applications**
Susan W. Stralka, PT, DPT, MS, ACHE
- 8:20 **Medical Management of Pain**
Patrick M. Kane, MD
- 8:40 **Shoulder Pain in Competitive Swimmers**
Angela Tate, PT, PhD
- 9:00 **Shoulder Arthroplasty**
Martin J. Kelley, PT DPT, OCS
- 9:30 **Rotator Cuff Voluntary Activation and the Influence of Pain and Pain Relieving Injection**
Philip J. McClure, PT, PhD
- 9:50 **Lateral Elbow Tendinopathy and the Role of Scapular Strengthening**
Ann M. Lucado, PhD, MS, PT, CHT
- 10:10 **Break**

PAIN CONDITIONS OF THE UPPER EXTREMITY

Moderator: Terri M. Skirven, OTR/L, CHT

- 10:30 **Power Over Pain**
Sara Wenger, PT, DPT, OCS
- 10:50 **Partial Hand Amputation**
Lisa M. Smurr Walters, MS, OTR/L, CHT
- 11:10 **Aquatic Therapy**
Caryn Reichlin-Johnson, MS, OTR/L, FAOTA
- 11:30 **Panel: In search of Evidence: "I saw this on the internet" - Copper, Magnets...**
Moderator: Jane M. Fedorczyk, PT, PhD, CHT
Panelists: Jeannine Beasley, EdD, OTR, CHT, FAOTA
Joy C. MacDermid, BScPT, PhD
Karen S. Schultz, MS, OTR, FAOTA, CHT
Terri M. Wolfe, OTR/L, CHT
- 12:00 **Adjourn**

TUTORIAL

Wednesday – Friday
March 8-10, 2017

\$495.00 additional registration fee

3-Day Tutorial
The Philadelphia Hand Center, PC
Physician and Therapy Staff

Hand Rehabilitation Foundation is pleased to offer a 3-day tutorial prior to the opening of the symposium.

- 1 day in the operating room observing surgical procedures performed by a surgeon of The Philadelphia Hand Center
- 1 day with the surgeon at The Philadelphia Hand Center observing patient office hours
- 1 day with The Philadelphia Hand Center therapists in the Therapy Department observing treatment techniques
- Registration is limited and is offered on a first-come, first-served basis
- Registrants must be registered for the entire 3 1/2 day symposium
- Includes breakfast and lunch
- Tutorial registration fee is nonrefundable

Continuing Education:

Continuing education certificates will be issued for 25 contact hours.

PEDIATRIC UPPER EXTREMITY PRE-COURSE Carpal Diem!

Friday, March 10, 2017

7:30 am – 5:00 pm

6:30 Registration and Continental Breakfast

7:30 Welcome *Joshua M. Abzug, MD;*
Scott H. Kozin, MD; Dan Zlotolow, MD

CONGENITAL WRIST CONDITIONS

Moderator: William H. Seitz, MD

7:40 Arthrogryposis - Wrist *Dan A. Zlotolow, MD*

7:50 Therapy about the Wrist *Justine LaPierre, MS, OTR/L*

8:00 Radial Longitudinal Deficiency-Centralization,
Ulnarization, Radialization *William H. Seitz, MD*

8:15 Therapy for Radial Longitudinal Deficiency
Jenny M. Dorich, MBA, OTR/L, CHT

8:25 Madelung's *Theresa O. Wyrick, MD*

8:35 Prostheses – Transverse Deficiencies, Symbrachydactyly
Cheryl S. Lutz, MS, OTR/L

8:45 Case Presentations – Congenital Potpourri
William H. Seitz, MD

9:15 Coffee Break

FRACTURES Moderator: Donald S. Bae, MD

9:45 Distal Radius Fractures *Joshua M. Abzug, MD*

9:55 Distal Radius Growth Arrest *Roger Cornwall, MD*

10:05 Distal Radius Malunions *Kevin J. Little, MD*

10:15 Acute Scaphoid Fractures *Donald S. Bae, MD*

10:25 Scaphoid Non-Unions *Dan A. Zlotolow, MD*

10:35 Therapy for Wrist Fractures *Heather Weesner, OT, CHT*

10:45 Questions/Case Presentations *Donald S. Bae, MD*

POTPOURRI Moderator: Joshua M. Abzug, MD

11:15 Kienböck's *Theresa O. Wyrick, MD*

11:25 DRUJ Instability *Kevin J. Little, MD*

11:35 Common Tumors About the Wrist *Joshua M. Abzug, MD*

11:45 MHE Affecting the Wrist *Michael S. Bednar, MD*

11:55 Case Presentations *Joshua M. Abzug, MD*

12:00 Lunch (provided)

TENDON TRANSFERS Moderator: L. Andrew Koman, MD

1:00 Tendon Transfers About the Wrist for CP/Spasticity
Dan A. Zlotolow, MD

1:15 Therapy for Children with CP *Heta Parikh, OT, CHT*

1:25 Wrist Tendon Transfers for Tetraplegia *Scott H. Kozin, MD*

1:35 Therapy for Tetraplegia *Sarah Ashworth, OTR/L*



6TH ANNUAL

FREE TISSUE TRANSFERS Moderator: Francisco Del Piñal, MD

1:45 Soft Tissue Transfer for Skin Defects
Francisco Del Piñal, MD

1:55 Role of OATS *Donald S. Bae, MD*

2:05 Treatment of Volkmann's *Scott H. Kozin, MD*

2:15 Therapy for Volkmann's *Sarah Ashworth, OTR/L*

2:25 Case Presentations *Francisco Del Piñal, MD*

2:45 Coffee Break

SPORTS INJURIES Moderator: Michael Hayton, BSc(Hons), MBChB, FRCS(Orth), FFSEM(UK)

3:15 The Role of Arthroscopy in Children/Adolescents
P.C. Ho, MD

3:25 Scapho-Lunate Injuries
*Michael Hayton, BSc(Hons), MBChB, FRCS(Orth),
FFSEM(UK)*

3:35 TFCC Injuries *P. C. Ho, MD*

3:45 Gymnast Wrist *Michael S. Bednar, MD*

3:55 Therapy for Gymnast Wrist and other Sports Injuries
Justine LaPierre, MS, OTR/L

4:00 Case Examples
*Michael Hayton, BSc(Hons), MBChB, FRCS(Orth),
FFSEM(UK)*

BRACHIAL PLEXUS BIRTH PALSY RECONSTRUCTIVE SURGERY Moderator: Roger Cornwall, MD

4:15 Assessment of the Wrist in BPBP – Knowing When to Do Nothing, Utilization of Wrist Flexion for Tasks
Scott H. Kozin, MD

4:25 Wrist Procedures for BPBP – Tendon Transfers, Fusion to Gain Tendons, Etc.
Roger Cornwall, MD

4:35 Therapy About the Wrist for BPBP
Jenny M. Dorich, MBA, OTR/L, CHT

4:45 Case Presentations
Roger Cornwall, MD

5:00 Adjourn

Symposium Faculty

*Pediatric Pre-course Faculty

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Francisco Del Piñal, MD*
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Honored Professor

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Jeffrey Yao, MD
Redwood City, CA

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Cherry Hill, NJ

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Ariana Bells, OTR/L, CHT

Lois A. Bencardino, OTR/L

Collen C. Burke, PTA

Katie L. Burkhart, OTR/L

Shanna L. Corbin, MS, OTR/L

Karen Davis, COTA

Angie Dickerson-Schnatz, MPT, CHT, OCS

Marianne K. Dunphy, OTR/L, CHT

Laura Fisher PT, CHT

Michelle Gorman, MS, OTR/L

Mary Beth Laplant, PT, CHT

Meredith McCaffery, MS, OTR/L

Caitlin McCormick, MS, OTR/L

Brady McGuire, MS, OTR/L

Jane Moore, OTR/L, CHT

Roberta Morris, OTR/L, CHT

Deborah K. Reich, PT, DPT, CHT

Teri Speakman, OTR/L, CHT

Annalisa Synnstedt, MOT

Janice L. Trope, OTR/L, CHT

Ellen G. Wilson, OTR/L, CHT

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Joshua M. Abzug, MD

Sarah Ashworth, OTR/L

Donald S. Bae, MD

Michael S. Bednar, MD

Roger Cornwall, MD

Jenny M. Dorich, MBA, OTR/L, CHT

L. Andrew Koman, MD

Scott H. Kozin, MD

Kevin J. Little, MD

Cheryl Lutz, MS, OTR/L

Heta Parikh, OT, CHT

Justine La Pierre, MS, OTR/L

Heather Weesner, OT, CHT

Theresa O. Wyrick, MD

Dan A. Zlotolow, MD

MEETING AND HOTEL INFORMATION

Philadelphia Marriott Downtown

1201 Market St. Philadelphia, PA 19107

Room Rate: \$229.00/night

Deadline for reduced rates is February 10, 2017

METHOD OF RESERVATIONS: All reservations will be made, modified or cancelled by individuals by calling Marriott's Reservations toll free number: **877-212-5752**

CONTINUING EDUCATION

Hand Rehabilitation Foundation designates this educational activity, **Surgery and Rehabilitation of the Hand: Seize the Evidence!**, for a maximum of 26.25 contact hours. Partial attendance will earn prorated contact hours as follows:

Saturday/Sunday/Monday 7.5 hours per day, Tuesday 3.75 hours

DISCLOSURE STATEMENT

All faculty participating in continuing education programs sponsored by the Hand Rehabilitation Foundation are expected to disclose to the program audience any real or apparent conflict of interest related to the content of their presentation(s). Full disclosure of relationships will be made at the program.

COURSE REGISTRATION

PLEASE NOTE: Name/Credentials will appear on your contact hours certificate exactly as entered below.

Name _____ Credentials _____

Address _____ Email (req'd.) _____

City, State, Zip _____

Telephone (Work) _____ (Home) _____ (Fax) _____

Concurrent Session Selection Please select the Concurrent Session you would like to attend on each day (refer to pages 3, 5, 7). Kindly indicate the Concurrent Session number of your first, second and third choices in order of preference for each day. Remember that space is limited and sessions will be assigned in order of paid registration only.	Day/Date	1 st Choice	2 nd Choice	3 rd Choice
	Saturday, March 11			
	Sunday, March 12 – 8:00 am Sunday, March 12 – 3:30 pm	_____	_____	_____
	Monday, March 13			

Register online at: www.handfoundation.org

Registration ON-SITE ONLY after February 26, 2017					
Pre-conference Sessions					
Tutorial			\$495		Amount
1- Day Pediatric Pre-Course - Friday, March 10, 2017			\$350		
Full Symposium Registration*					
Allied Health Professional (including \$20 donation to HRF)			\$800 (\$780 without donation)		
Surgeon/Physician (including \$20 donation to HRF)			\$900 (\$880 without donation)		
Virtual syllabus: 2017 - Watch for details about downloading the APP! (there will be NO syllabus book)					
One-Day Symposium Registration*					
Note: Full Registrations may not be split or shared between participants. For partial attendance, each participant must register using the per diem rates below. Contact hours will be adjusted according to conference attendance.					
	Saturday	Sunday	Monday	Tuesday	
Allied Health Professional	\$295	\$295	\$295	\$125	
Surgeon/Physician	\$350	\$350	\$350	\$150	
*Full Registration Fee includes Opening Reception, General Session, 1 Concurrent Session per day, Course Materials, Continental Breakfast daily and lunch (no lunch Tuesday) and Chairmen's Reception. One-day Registration includes Continental Breakfast, General Session, 1 Concurrent Session for each day registered and Lunch (no lunch Tuesday).					
Late Registration					
(Add \$50 to all Registrations Postmarked/Faxed/Online after midnight Friday, February 26, 2017)					
I am planning on attending the opening reception on Friday, March 10, 2017 from 6:00 – 8:00 pm				Yes	No
I am planning to attend the Project Splint Pan on Monday, March 13, 2017 from 6:30 – 8:30 pm				Yes	No
Yes! I would like to make a donation to the Hand Rehabilitation Foundation \$100 _____ \$50 _____ \$25 _____ Other \$ _____				\$ _____	
Total					
Cancellation Policy: A Full Refund less \$75 cancellation fee will be issued if written notification is received by February 26, 2017. No Refunds after February 26, 2017.					

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