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

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
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.

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**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

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**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

12:00 Clinical Exam of the Wrist  
   Terri M. Skirven, OTR/L, CHT

12:30 Lunch/Exhibits

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**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
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, CEEES**  
   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
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 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 E. 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 Symnestvedt, 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
   Jennifer 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 Karangianopoulos, 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.
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
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 EXTREMIT Y
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 EXTREMIT Y
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.
6TH ANNUAL

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  DRU 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

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

Emily Altman, PT, DPT, CHT, OCS, CLT
New York, NY

Alison Babula MS, OTR/L, CHT
E. Norriton, PA

Mark E. Baratz, MD
Bethel Park, PA

Jeanne Beasley, EdD, OTR, CHT, FAOTA
Grand Rapids, MI

Honored Professor

Nancy M. Cannon, OTR/L, CHT
Indianapolis, IN

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

Francisco Del Piñal, MD*
Santerande, Spain

Honored Professor

Lauren M. DeFulvio, MS, OTR/L, CHT
King of Prussia, PA

David Ebaugh, PT, PhD, OCS
Philadelphia, PA

Brian J. Eckenrode, PT, DPT, MS, OCS
Glenside, PA

Sue A. Emerson, OTR, CHT, CEES
York, PA

Roslyn B. Evans, OTR/L, CHT
Vero Beach, FL

Jane M. Fedorczyk, PT, PhD, CHT
Tampa, FL

Sheri B. Feldsheer, OTR/L, CHT
Philadelphia, PA

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

Jennifer M. Haines, MS, OTR/L, CHT
Wynnewood, PA

Michael Hayton, BSc(Hons), MBchB, FRCS(Ortho), FSSEM(UK)*
Lancashire, United Kingdom

Honored Professor

P. C. Ho, MD*
Hong Kong, China

Honored Professor

Julianne W. Howell, PT, MS, CHT
Salem, OR

Sanjeev Kakar, MD
Rochester, MN

Patrick K. Kane, MD
Philadelphia, PA

Christos Karagiannopoulos, PT, PhD, MED, ATC, CHT
Chalfont, PA

Leonid I. Katolik, MD
King of Prussia, PA

Martin J. Kelley PT, DPT, OCS
Philadelphia, PA

Brian G. Leggin, PT, DPT, OCS
Philadelphia, PA

Deborah Lieberman, MS, OTR/L, FAOTA
Baltimore, MD

Mary F. Loughlin, OTR/L, CHT
Pea, PA

John D. Lubahn, MD
Erie, PA

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Philadelphia, PA

Philip J. McClure, PT, PhD
Glenside, PA

Nancy Naughton, OTD, OTR/L, CHT
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Virginia O’Brien, OTD, OTR/L, CHT
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Lauren J. O’Donnell, OTR/L, CHT
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A. Lee Osterman, MD
King of Prussia, PA

Karen M. Pettengill, MS, OTR/L, CHT
Greenfield, MA

Karen Reichlin-Johnson, MS, OTR/L, CHT
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Marie G. Sayers, OTR/L, CHT
Lansdale, PA

Karen S. Schultz, MS, OTR, FAOTA, CHT
Edwards, CO

Gayle Severance, MS, OTR/L, CHT
Philadelphia, PA

Lawrence H. Schneider, MD
New York, NY

William H. Seitz, MD* Cleveland, OH

Honored Professor

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Philadelphia, PA

Eon K. Shin, MD
Philadelphia, PA

Terri M. Skirven, OTR/L, CHT
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Lisa M. Smarr-Walters, MS, OTR/L, CHT
Fort Sam Houston, TX

Peter J. Stern, MD
Cincinnati, OH

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

Honored Professor

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Sara Wenger, PT, DPT, OCS
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David M. Wolfe OTR/L, CHT
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Scott W. Wolfe, MD
New York, NY

Terri L. Wolfe, OTR/L, CHT
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Jeffrey Yao, MD
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Teresa M. Zapotoczny, PT, CHT
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The Philadelphia
Hand Center Adjunct Faculty

Ariana Bells, OTR/L, CHT
Lois A. Bencardino, OTR/L
Collen C. Burke, PTA
Katie L. Burkhardt, 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 Synnestvedt, MOT
Janice L. Tropel, OTR/L, CHT
Ellen G. Wilson, OTR/L, CHT

Pediatric Pre-Course Faculty

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 G. 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   1st Choice  2nd Choice  3rd 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

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.

<table>
<thead>
<tr>
<th>Day</th>
<th>Allied Health Professional</th>
<th>Surgeon/Physician</th>
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<tr>
<td>Saturday</td>
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<td>$295</td>
<td>$350</td>
</tr>
<tr>
<td>Tuesday</td>
<td>$125</td>
<td>$150</td>
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</table>

*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)

<table>
<thead>
<tr>
<th>Date and Time</th>
<th>Registration Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>March 10, 2017 6:00 – 8:00 pm</td>
<td>Yes ( ) No ( )</td>
</tr>
<tr>
<td>March 13, 2017 6:30 – 8:30 pm</td>
<td>Yes ( ) No ( )</td>
</tr>
</tbody>
</table>

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.

Check or Money Order in US Funds made payable to: Hand Rehabilitation Foundation

Visa [ ] MasterCard [ ] American Express [ ]

Card Number ____________________________ Expiration Date ____________________________

Print Name as it appears on card ____________________________________________________________

Card Holder’s Signature ____________________________

Please complete form and fax or mail to: Hand Rehabilitation Foundation, 700 S. Henderson Rd. Suite 100, King of Prussia, PA, 19406

Phone: 610.768.5958 • Fax: 610.768.8887 • hrf@handfoundation.org