Pediatric Upper Extremity Pre-Course 2015 for Surgeons and Therapists

Course Directors:
Joshua Abzug, MD; Scott Kozin, MD; Dan Zlotolow, MD

A one day course of pediatric upper extremity surgery and therapy focused on trauma, congenital disorders, brachial plexus palsy, tetraplegia and more.

Honored Professors:
Lynnlee Fullenwider, OTR/L, CHT
Philip J. McClure, PT, PhD
Randy R. Bindra, MD
L. Scott Levin, MD
Daniel A. Rikli, MD
David C. Ring, MD, PhD

Chairmen:
Terri M. Skirven, OTR/L, CHT
Jane M. Fedorczyk, PT, PhD, CHT, ATC
Jenifer M. Haines, MS, OTR/L, CHT
A. Lee Osterman, MD

Pediatric Upper Extremity
Pre-Course 2015 for Surgeons and Therapists

One day pediatric pre-course Friday March 6, 2015 – Loews Hotel

Supported by: Jefferson Health System and Moss Rehab
SATURDAY, MARCH 7, 2015

General Session

6:30 Registration/Continental Breakfast

8:00 Welcome and Introduction of Honored Professors
   Terri M. Skirven, OTR/L, CHT
   Lawrence H. Schneider, MD

WOUND HEALING AND MANAGEMENT
Moderator: Randy Bindra, MD

8:15 Perspectives on UE Trauma in the USA
   Randy Bindra, MD

8:30 Emergency Management and Decision Making for Complex Trauma
   Daniel A. Rikli, MD

8:45 Biology and Continuum of Wound Healing
   Maureen A. Hardy, MS, PT, CHT

9:05 Wound Assessment and Advances in Management
   J. Martin Walsh, OTR/L, CHT

9:25 Edema and Scar Management
   Brenda C. Hilfrank, PT, CHT

9:45 Break/Exhibits

WOUND HEALING AND MANAGEMENT (CONT.)
Moderator: Lynnlee Fullenwider, OTR/L, CHT

10:15 Clinical Reasoning in Rehabilitation Following Polytrauma
   Jane M. Fedorczyk, PT, PhD, CHT, ATC

10:35 Case Studies:
   Lauren M. DeTullio, MS, OTR/L, CHT
   Jason A. Suda, MS, OTR/L

10:55 Advances in Wound Coverage
   L. Scott Levin, MD

11:10 Therapist’s Management of Grafts, Flaps and Integra
   MAJ Charles D. Quick, MS, OTR/L, CHT

11:30 Infections
   Mark S. Rekant, MD

11:45 Panel: Psychosocial Factors in Rehabilitation Following Trauma
   Moderator: Joy MacDermid, BScPT, PhD
   Panelists: David Ring, MD, PhD
   Karen Schultz, MS, OTR, FAOTA, CHT
   Lisa M. Surr-Walters, MS, OTR/L, CHT

12:15 Question/Answer

12:20 Dorothy B. Kaufmann Educational Scholarship
   International Scholarship Presentation
   Recipient: Charu Eapen, MPT, PhD
   Intro: Jane M. Fedorczyk, PT, PhD, CHT, ATC

12:30 Lunch/Exhibits

COMPLEX INJURIES
Moderator: L. Scott Levin, MD

1:30 Hand Transplantation
   L. Scott Levin, MD

1:45 Rehabilitation Following Hand Transplantation
   Laura Walsh, MS, OTR/L, CHT
   Gail Severence, MS, OTR/L, CHT

2:05 Case Study
   Gail Severence, MS, OTR/L, CHT
   Laura Walsh, MS, OTR/L, CHT

2:20 Medical Management of Acute Pain
   L. Andrew Koman, MD

2:35 Therapist’s Management of Acute Pain
   Jane M. Fedorczyk, PT, PhD, CHT, ATC

2:55 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 Conclude
CONCURRENT SESSIONS
SATURDAY, MARCH 7, 2015  3:30 -5:30 PM
Coordinator: Jenifer M. Haines, MS, OTR/L, CHT

1. Upper Extremity Cadaver Anatomy
   Moderator:  David Ebaugh, PT, PhD
   Thomas J. Gillon, MD
   Meredith N. Osterman, MD
   Teresa M. Zapotochny, PT, CHT
   Jason A. Suda, MS, OTR/L
   Pre-dissected upper extremity cadaver specimens will be examined to review the flexor and extensor surfaces of the hand and forearm, nerve anatomy, and joint anatomy of the shoulder, elbow, wrist, and hand. Lab instructors will identify the anatomy, discuss common clinical pathologies and describe surgical management.

2. Interosseous and Lumbrical Muscle Tightness
   Judy C. Colditz, OTR/L, CHT, FAOTA
   A comprehensive review of the interosseous and lumbrical muscles will be presented in addition to the examination of interosseous and lumbrical muscle tightness. The impact of this tightness on digital motion and on overall function of the hand will be explored.

3. Elbow Fractures
   Moderator:  Nancy M. Cannon, OTR/L, CHT
   Thomas J. Fischer, MD
   Laura J. Walsh, MS, OTR/L, CHT
   The recovery of function following elbow fractures is dependent upon many anatomic, surgical, rehabilitation, and individual variables. This session will cover surgical and conservative management for a variety of elbow fractures. Rehabilitation timetables, precautions, complications, and orthosis selection will be addressed.

4. Clinical Examination of the Hand
   Moderator: Lauren M. DeTullio, MS, OTR/L, CHT
   Jenifer M. Haines, MS, OTR/L, CHT
   Christos Karagiannopoulos, MPT, MEd, ATC, CHT
   Marie G. Sayers, OTR/L, CHT
   LTC Kathleen Yancosek, MS, OTR/L, CHT
   A comprehensive evaluation of the hand is essential for treatment planning. This hands-on session will cover physical inspection, palpation, goniometric measurements, differential tissue assessment, extrinsic and intrinsic muscle testing, edema, dexterity and sensibility screen for the hand. Participants will learn how to connect assessment findings with clinical reasoning and treatment planning.

5. Orthotic Fabrication Lab – “Spaghetti Wrist”
   Moderator: Lauren J. O’Donnell, OTR/L, CHT
   David M. Wolfe, OTR/L, CHT
   Colleen C. Burke, PTA
   Katie L. Burkhart, OTR/L, CHT
   Severe laceration to the volar aspect of the wrist may result in “Spaghetti Wrist”, injury to all or many of the flexor tendons, the median and ulnar nerves, and radial and ulnar arteries. These injuries can be devastating and require precise orthosis fabrication and rehabilitation. Participants will fabricate an orthosis to protect repaired structures and variations will be discussed to address specific surgical repair techniques.

6. Nerve Compression Injuries of the Upper Limb
   Moderator: Sue A. Emerson, OTR, CHT, CEES
   David Hutchinson, PT, DSc, MS, ECS
   Mark T. Walsh, PT, DPT, MS, CHT, ATC
   Nerve compression syndromes present unique challenges to therapists. The panel will review diagnosis, clinical examination, and rehabilitation techniques to address impairments and functional deficits related to upper extremity nerve injury.

7. Diagnostic Classification for Shoulder Problems
   Philip J. McClure, PT, PhD
   Participants will be introduced to a new diagnostic classification for shoulder problems that is aimed specifically at guiding rehabilitation. This system goes beyond the current pathoanatomic system. Shoulder/scapular biomechanics with clinical application will be addressed. Participants should wear appropriate clothing to practice hands-on techniques of the scapula and shoulder.

8. Hand Therapy Certification Commission
   J. Martin Walsh, OTR/L, CHT
   Lynnee Fullenwider, 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.

9. Practice Management
   Moderator:  Maureen A. Hardy, MS, PT, CHT
   Lynne Bassini, MA, OTR, CHT
   Terri L. Wolfe, 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.

10. Integrating Technology into Practice
    Moderator:  Jane M. Fedorczyk, PT, PhD, CHT, ATC
    Lisa M. Smurr-Walters, MS, OTR/L, CHT
    Kristen A. Valdes ODT, OT, CHT
    This session will identify how therapists can integrate technology including internet resources and mobile apps that can be used for patient management, teaching, and research in hand and upper extremity rehabilitation.
**SUNDAY, MARCH 8, 2015**

**General Session**

6:30  Continental Breakfast

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**TRAUMA AROUND THE WORLD**

Moderator: Lisa M. Smurr-Walters, MS, OTR/L, CHT

8:00  Update on War Zone Injuries  
COL Stanley T. Breuer, OTD, OTR/L, CHT

8:25  Rehabilitation Following War Related Upper Extremity Trauma  
LTC Matthew G. St. Laurent, MS, OTR/L, CHT

8:40  Advances in Upper Extremity Prosthetics  
Ryan Spill, CP

9:00  Prosthetic Training  
Lisa M. Smurr-Walters, MS, OTR/L, CHT

9:20  Panel: Trauma Management in Underserved Areas  
Moderator: Jane M. Fedorczyk, PT, PhD, CHT, ATC  
Panelists: Lynne Bassini, MA, OTR, CHT; Randall W. Culp, MD; Charu Eapen, MPT, PhD; Scott H. Kozin, MD

10:00  Break/Exhibits

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**COMPLEX WRIST TRAUMA**

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

10:30  Current Concepts in Management of Distal Radius Fractures  
Daniel A. Rikli, MD

10:45  Complications Following Distal Radius Fractures  
John D. Lubahn, MD

11:00  Therapeutic Management for Distal Radius Fractures: Guidelines, Perils and Pitfalls  
Roslyn B. Evans, OTR/L, CHT

11:20  Sensorimotor Changes Following Distal Radius Fractures: Clinical Significance  
Christos Karagiannopoulos, MPT, MEd, ATC, CHT

11:35  Spaghetti Wrist  
Rowena McBeath, MD, PhD

11:50  Therapy Following Spaghetti Wrist Repair  
Karen M. Pettengill, MS, OTR/L, CHT

12:10  Prognostic Factors for Return to Work Following Work Related Trauma  
Joy C. MacDermid, BScPT, PhD

12:25  HRF Announcements

12:30  Lunch/Exhibits

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**UPPER EXTREMITY STIFFNESS AND CONTRACTURE AFTER TRAUMA**

Moderator: Philip J. McClure, PT, PhD

1:30  Contracture Formation and Stiffness Following Trauma and Guidelines for Management  
Philip J. McClure, PT, PhD

1:45  Orthotic Interventions and Therapy for Upper Extremity Contractures  
1:45  Shoulder  
Philip J. McClure, PT, PhD

2:05  Forearm and Wrist  
Ann M. Lucado, PhD, MS, PT, CHT

2:25  Elbow  
Kristen A. Valdes, OTD, OT, CHT

2:45  Hand  
Judy C. Colditz, OTR/L, CHT, FAOTA

3:00  Break/Exhibits

3:30  Concurrent Sessions 11 - 20  
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  Sunday Sessions Conclude

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**RELAX AND ENERGIZE!**

**Yoga/Zumba Fundraiser for the Hand Rehabilitation Foundation**

Sunday and Monday  
March 8th and 9th

Check schedule for times  
(times will be either before or after daily schedule)

Minimum donation of $10.00 per session
11. Upper Extremity Cadaver Anatomy
Moderator: David Ebough, PT, PhD
Peter H. Hutchinson, MD
Sidney M. Jacoby, MD
Christopher M. Saporito, OTR/L, CHT
Teresa M. Zapotochny, PT, CHT
Pre-dissected upper extremity cadaver specimens will be examined to review the flexor and extensor surfaces of the hand and forearm, nerve anatomy, and joint anatomy of the shoulder, elbow, wrist, and hand. Lab instructors will identify the anatomy, discuss common clinical pathologies and describe surgical management.

12. Distal Radius Fractures
Moderator: Kristen A. Valdes, OTD, OT, CHT
Christos Karagiannopoulos, MPT, MEd, ATC, CHT
Joy C. MacDermid, BS/PT, PhD
John M. Bednar, MD
Participants will benefit from a comprehensive review of the diagnosis, surgical, and therapeutic management of distal radius fractures. Rehabilitation timetables, precautions, complications, and orthosis selection following fractures and during the rehabilitation process will be addressed.

13. Hand Fractures
Moderator: Maureen A. Hardy, MS, PT, CHT
Jason A. Suda, MS, OTR/L
Stephanie Sweet, MD
Rowena McBeath, MD, PhD
Hand surgeons and therapists treat a range of impairments related to hand fractures. This session will cover surgical and conservative management for articular and non-articular fractures of the hand. Rehabilitation timetables, precautions, complications, and orthosis selection and variations following fractures will be addressed.

14. Flexor and Extensor Tendon Injuries
Moderator: Roslyn B. Evans, OTR/L, CHT
Peter C. Amadio, MD
Nancy M. Cannon, OTR/L, CHT
Karen M. Pettengill, MS, OTR/L, CHT
The panel will review current practice in the management of flexor and extensor tendon injuries with an emphasis on evidence based practice. Research support for the choice of postoperative orthoses and therapy protocols will be discussed. The panel will address the progression of therapeutic exercise based on patient response as well as the modulation of force and excursion parameters with attention to wrist/synergistic motion. The panel will guide a discussion regarding clinical decision making for tendon rehabilitation.

15. Orthosis Fabrication Lab: Low Ulnar Nerve Injuries and Combined Low Median and Ulnar Nerve Injuries
Moderator: David M. Wolfe, OTR/L, CHT
Lauren J. O’Donnell, OTR/L, CHT
Colleen C. Burke, PTA
Katie L. Burkhart, OTR/L, CHT
When fabricating an orthosis following peripheral nerve injury therapists must consider muscle force imbalances, sensory deficits, protection of repaired structures, and promotion of function.

Participants in this hands-on lab will fabricate orthoses used in rehabilitation following low ulnar and combined low median and ulnar nerve injuries.

16. Hand Assessment: Where is the Evidence?
Elaine E. Fess, MS, OTR, FAOTA, CHT
This hands-on session will cover the use of standardized upper extremity assessments including tests of sensibility, dexterity, strength and hand function. Standardization, validity and reliability of procedures and tests will be discussed, as well as the connection between clinical reasoning, treatment planning and evidence based practice and procedures.

17. Assessment and Management of Selected Shoulder Conditions
Moderator: Philip J. McClure, PT, PhD
Bryan A. Spinelli, PT, MS, OCS, CLT
Angela Tate, PT, PhD
Clinical examination of the shoulder will be addressed in this session including functional performance tests for the shoulder, quantifying rotator cuff neural activation, and the influence of pain on activation. Participants will receive an update regarding current research for the conservative management of rotator cuff tendinopathy and regarding shoulder problems in breast cancer patients. Clinical application of research findings will be emphasized. Participants should wear appropriate clothing to practice hands-on techniques of the scapula and shoulder.

18. What’s New, What’s Tried and True: Wrist and Hand Arthritis
Moderator: Terri L. Wolfe, OTR/L, CHT
John D. Lubahn, MD
Randy R. Bindra, MD
This session will provide a comprehensive overview surgical, non-surgical, orthosis fabrication and rehabilitation techniques to treat individuals with wrist and hand arthritis. Common deformities and functional deficits related to a variety of wrist and hand conditions will be addressed.

19. Rehabilitation for the Wounded Warriors
Moderator: LTC Kathleen Yancesek, PhD, OTR/L, CHT
COL Stanley T. Breuer OTD, OTR/L, CHT
LTC Matthew G. St. Laurent, MS, OTR/L, CHT
Lisa Smurr-Walters, MS, OTR/L, CHT
Functional retraining following polytrauma is critical for the successful outcome of rehabilitation in both the military and civilian life. This impressive panel of military personnel will present their approach to rehabilitation for traumatically injured service personnel with translation to the civilian population. Topics will include the psychosocial aspects of recovery and therapist-prosthetist team approach in upper extremity prosthetics rehabilitation.

Moderator: Sue A. Emerson, OTR, CHT, CEES
Mary F. Loughlin, OTR/L, CHT, CEAS
Karen S. Schultz, MS, OTR, FAOTA, CHT
Angela Tate, PT, PhD
Bryan A. Spinelli, PT, MS, OCS, CLT
Moderator: Philip J. McClure, PT, PhD
This hands-on session will cover the use of standardized upper extremity assessments including tests of sensibility, dexterity, strength and hand function. Standardization, validity and reliability of procedures and tests will be discussed, as well as the connection between clinical reasoning, treatment planning and evidence based practice and procedures.
MONDAY, MARCH 9, 2015

General Session
6:30 - 8:00  Continental Breakfast

WHEN ALL ELSE FAILS: JOINT RELEASE AND RECONSTRUCTION
Moderator: Sheri B. Feldscher, OTR/L, CHT

Joint Release and Reconstructive Procedures for Recalcitrant Contractures and Traumatic Osteoarthritis of the Upper Extremity

8:00  Wrist Release and Reconstruction
   Surgery: John M. Bednar MD
   Therapy: Sheri B. Feldscher, OTR/L, CHT

8:45  Elbow Release and Reconstruction
   Surgery: Thomas J. Fischer, MD
   Therapy: Nancy M. Cannon, OTR/L, CHT

9:30  Finger Joint Release and Reconstruction
   Surgery: Stephanie Sweet, MD
   Therapy: Alison Babula, MS, OTR/L, CHT

10:15  Panel/Q & A
10:30  Break/Exhibits

RETURN TO PARTICIPATION FOLLOWING TRAUMA
Moderator: Joy C. MacDermid, BScPT, PhD

11:00  Looking Back, Racing Forward: What Does it all Mean? Professional Certification and What it has Meant for the Hand Therapy Profession
   Lynnlee Fullenwider, OTR/L, CHT

11:20  Return to Participation Following Trauma
   Moderator: Joy C. MacDermid, BScPT, PhD
   Return to Active Duty
   COL Stanley T. Breuer, OTD, OTR/L, CHT
   One-Handedness and Hand Dominance Retraining
   LTC Kathleen Yancosek, PhD, OTR/L, CHT
   Workplace Adaptations
   Susan A. Emerson, OTR, CHT, CEES

12:00  Lunch/Exhibits
1:00   Concurrent Sessions 21 - 30
3:00   Break
3:30   Concurrent Sessions 21 - 30

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

Kindly indicate 3 choices for the 1:00 session and 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.

DON’T FORGET THE HRF YOGA/ZUMBA FUNDRAISER!

CHECK THE SCHEDULE FOR TIMES (TIMES WILL BE EITHER BEFORE OR AFTER THE DAILY SCHEDULE)
MINIMUM DONATION OF $10.00/SESSION
BRING APPROPRIATE CLOTHING

BACK by POPULAR DEMAND!

Project Splint Pan
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
   Evelyn J. Mackin, PT
   Elaine E. Fess, MS, OTR, FAOTA, CHT
   David M. Wolfe, OTR/L, CHT
   Lauren J. O’Donnell, OTR/L, CHT
21. Clinical Examination of the Wrist
Moderator: Marybeth Laplant, PT, CHT
Alison Babula, OTR/L, CHT
Laura Fisher, PT, CHT
Christos Karagiannopoulos, MPT, MEd, ATC, CHT
Norah Malkinski, MS, OTR/L
This workshop will guide the participants through a systematic clinical examination of the wrist, including palpation and provocative testing. A review of the anatomy and biomechanics of the wrist will precede the lab. Emphasis will be placed on the recognition of the signs and symptoms of a variety of common wrist conditions.

22. Wound Assessment and Management
Moderator: Brenda Hilfrank, PT, CHT
Susan M. Blackmore, MS, OTR/L, CHT
MAJ Charles D. Quick, MS, OTR/L, CHT
This session will cover the normal and abnormal healing process following an injury and identification of appropriate surgical and therapeutic interventions for wound management. Current evidence will be reviewed to guide the selection of effective wound care techniques.

23. Clinical Examination of the Elbow
Moderator: Jason A. Suda, MS, OTR/L
Marianne K. Dunphy, OTR/L, CHT
Marie G. Sayers, OTR/L, CHT
Laura J. Walsh, MS, OTR/L, CHT
This session will cover clinical examination of the elbow including tests for stability, mobility, strength and special tests with interpretation of findings. Clinical reasoning in the development of a treatment plan based on findings will be illustrated. Reliability of the techniques will be emphasized.

24. Edema Management
Sheri B. Feldscher, OTR/L, CHT
Bryan A. Spinelli, PT, MS, OCS, CLT
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 lymphatic drainage will be demonstrated with time for hands-on experience.

25. Orthotic Fabrication: Casting Motion to Mobilize Stiffness
Judy C. Colditz, OTR/L, CHT, FAOTA
Lab assistants: Lois A. Di Girolamo, OTR/L
Teri Speakman, OTR/L, CHT
Annalisa Synnestvedt, MS, OTR/L
This hands-on session will provide the rationale, indications, and evaluation for serial casting to mobilize recalcitrant stiffness of the hand. Concepts of tissue response, force application and choosing the appropriate force based on stage of healing will be discussed.

26. Taping Techniques
Moderator: Kristen A. Valdes, OTD, OT, CHT
Lab assistants: Mary F. Loughlin, OTR/L, CHT, CEAS
Christopher M. Saporito, OTR/L, CHT
The use of taping for a variety of upper extremity injuries and conditions will be demonstrated and practiced in this hands-on session. Taping for support of unstable and vulnerable joints, to facilitate movement and to provide protection during activities will be addressed. The properties of various taping materials and techniques for their use will be explored.

27. Assessment and Management of Scapula Dysfunction
Moderator: Angela Tate, PT, PhD
Brian J. Eckenrode, PT, DPT, OCS
Philip J. McClure, PT, PhD
This session will provide an overview of the anatomy and biomechanics of the scapula. The consequences of scapula muscle dysfunction on upper extremity function and intervention strategies will be presented. Participants should wear appropriate clothing to practice hands-on techniques of the scapula and shoulder.

28. 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 assessment and special tests for the shoulder complex. Common shoulder pathology will be discussed in relation to physical findings. The participants will discuss differential diagnosis and the development of a clinical diagnosis based upon a cluster of findings. The role of the cervical spine and scapulothoracic joint in the production and treatment of shoulder pain will be addressed. Participants should wear appropriate clothing to practice hands-on techniques of the scapula and shoulder.

29. Joint Play in Motion
Karen S. Schultz, MS, OTR, FAOTA, CHT
Lab assistants: Karen Davis, COTA
Ellen G. Wilson, 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 movement to reduce joint pain and/or improve range of motion.

30. Orthopedic Assessment of the Nervous System
Moderator: Mark T. Walsh, PT, DPT, MS, CHT, ATC
Shanna L. Corbin, MS, OTR/L
Lauren M. DeTullio, MS, OTR/L, CHT
Ann M. Lucado, PT, PhD, CHT
Janice L. Trope, OTR/L, CHT
This 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.
TUESDAY, MARCH 10, 2015

General Session
6:30 - 8:00  Continental Breakfast

TENDON RECONSTRUCTION
Moderator: A. Lee Osterman, MD

8:00  Overview of Complications Following Flexor & Extensor Tendon Injuries and Repairs: Adherence, Attenuation and Rupture
A. Lee Osterman, MD

8:20  Flexor Tenolysis
Surgeon: Sidney M. Jacoby, MD
Therapist: Lauren M. DeTullio, MS, OTR/L, CHT

8:55  Extensor Tenolysis
Surgeon: David S. Zelouf, MD
Therapist: Terri L. Wolfe, OTR/L, CHT

9:30  Tendon Reconstruction and Salvage Procedures
Surgeon: Randall W. Culp, MD
Therapist: Jenifer M. Haines, MS, OTR/L, CHT

10:05  Q & A

10:15  Break

RECONSTRUCTION FOLLOWING NERVE INJURY
Moderator: Terri M. Skirven, OTR/L, CHT

10:30  Overview of Complications Following Nerve Injury and Options for Management
Blane A. Sessions, MD

10:45  Nerve Grafts; Nerve Transfers
John S. Taras, MD

11:00  Therapy After Nerve Grafts and Nerve Transfers
Mark T. Walsh, PT, DPT, MS, CHT, ATC

11:20  Tendon Transfers
Leonid I. Katolik, MD

11:40  Therapy Following Tendon Transfers
Marie G. Sayers, OTR/L, CHT

12:00  Adjourn

TUTORIAL
Wednesday – Friday
March 4-6, 2015

$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 TRAUMA
FRIDAY, MARCH 6TH, 2015
7:30 AM – 5:00 PM

6:30 am  Registration and Continental Breakfast
7:30 am  Welcome  Joshua M. Abzug, MD; Scott H. Kozin, MD; Dan A. Zlotolow, MD

SHOULDER GIRDLE
Moderator:  Donald S. Bae, MD
7:40 am  Clavicle Fractures: To Operate or Not? Martin J. Herman, MD
7:50 am  Distal Clavicle Fractures: When Should We Operate Joshua M. Abzug, MD
8:00 am  Proximal Humerus Fractures – Do We Need to Fix Them? Donald S. Bae, MD
8:10 am  Occupational Therapy – Return to Sport; Timing, Throwing Regimens Heather Weesner, OT, CHT
8:20 am  Questions/Case Presentations

ELBOW I
Moderator: Joshua M. Abzug, MD
8:45 am  Supracondylar Fractures Joshua M. Abzug, MD
8:55 am  Complications of Supracondylar Fractures Joshua M. Abzug, MD
9:05 am  Lateral Condyle Fractures Dan A. Zlotolow, MD
9:15 am  Medial Epicondyle Fractures Ann E. Van Heest, MD
9:25 am  Occupational Therapy Following Elbow Fractures Jenny Dorich, OT, CHT
9:35 am  Questions/Case Presentations
10:00 am  Coffee Break

ELBOW II
Moderator: Scott H. Kozin, MD
10:30 am  Capitellar Shear Fractures Kevin J. Little, MD
10:40 am  Radial Neck Fractures Roger Cornwall, MD
10:50 am  Monteggia Fractures Scott H. Kozin, MD
11:05 am  Treatment of the Stiff Elbow Dan A. Zlotolow, MD
11:15 am  Occupational Therapy Following Elbow Release Sarah Ashworth, OT, CHT
11:25 am  Questions/Case Presentations
12:00 pm  Lunch (provided)

FOREARM AND WRIST
Moderator: Martin J. Herman, MD
1:00 pm  Forearm Fractures Martin J. Herman, MD
1:10 pm  Treatment of Forearm Fracture Complications – Malunion, Decreased ROM, Tendon Rupture, etc. Scott H. Kozin, MD
1:20 pm  Occupational Therapy for Forearm Fractures and Complications Heather Weesner, OT, CHT
1:30 pm  Distal Radius Fractures Theresa O. Wyrick, MD
1:40 pm  Distal Radius Complications - Physeal Arrest, Supination Dissociation Kevin J. Little, MD
1:50 pm  Scaphoid Fractures: When Should We Operate Donald S. Bae, MD
2:00 pm  Scaphoid Nonunion Treatment Ann E. Van Heest, MD
2:10 pm  Occupational Therapy - Forearm and Wrist Justine LaPierre, MS, OTR/L
2:20 pm  Questions/Case Presentations
2:45 pm  Coffee Break
3:15 pm  Free Paper Session Joshua M. Abzug, MD; Scott H. Kozin, MD

HAND
Moderator: Roger Cornwall, MD
4:00 pm  Phalangeal Neck Fractures Joshua M. Abzug, MD
4:10 pm  Unicondylar Phalangeal Fractures Roger Cornwall, MD
4:20 pm  Seymour Fractures Theresa O. Wyrick, MD
4:30 pm  Occupational Therapy of the Hand Jenny Dorich, OT, CHT
4:40 pm  Questions/Case Presentations
5:00 pm  Adjourn
Symposium Faculty
*Pediatric Pre-course Faculty
Joshua M. Abzug, MD*
Monton, MD
Peter C. Amadio, MD
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Sarah Ashworth, OTR/L, CHT*
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Glenvile, PA
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Jackson, MS
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Boston, MA
Honored Professor
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Marie G. Sayers, OTR/L, CHT
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Blane A. Sessions, MS
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Teri Speakman, OTR/L, CHT
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Olney, MD
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Philadelphia, PA
Terri L. Wolfe, OTR/L, CHT
Erie, PA
Theresa O. Wyrick, MD*
Mabelvale, AR
LTC Kathleen Yancey, PhD, OTR/L, CHT
Lexington, KY
Teresa M. Zapotochny, PT, CHT
Cherry Hill, NJ
David S. Zelouf, MD
King of Prussia, PA

MEETING AND HOTEL INFORMATION
Sheraton Philadelphia Downtown Hotel
201 N. 17th St., Philadelphia, PA 19103
Telephone: 215-448-2000  Fax: 215-448-2730

CONTINUING EDUCATION
Hand Rehabilitation Foundation designates this educational activity, Surgery and Rehabilitation of the Hand with Emphasis on Tendon and Nerve, 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.
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.

<table>
<thead>
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<th>Day/Date</th>
<th>1st Choice</th>
<th>2nd Choice</th>
<th>3rd Choice</th>
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<td>Monday, March 9 – 1:00 pm</td>
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<td>Monday, March 9 – 3:30 pm</td>
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Register online at: www.handfoundation.org

Pre-conference Sessions

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<td>Tutorial</td>
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<td>1-Day Pediatric Pre-Course-Held at the Loews Philadelphia Hotel</td>
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Full Symposium Registration*

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<td>Allied Health Professional (including $20 donation to HRF)</td>
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<td>Surgeon/Physician (including $20 donation to HRF)</td>
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Virtual syllabus - We are going digital for 2015 - Watch for details about the new 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. CEU credits will be prorated according to conference attendance.

<table>
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<tr>
<td>Tuesday</td>
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*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

<table>
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<th>Registration Deadline</th>
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<th>No</th>
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<tr>
<td>I am planning on attending the opening reception on Friday, March 6, 2015 from 6:00 – 8:00 pm</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>I am planning to attend the Chairmen’s Reception on Monday, March 9, 2015 from 6:30 – 8:30 pm</td>
<td>Yes</td>
<td>No</td>
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</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 15, 2015.
No Refunds after February 15, 2015.

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2015 PHILADELPHIA MEETING

SURGERY AND REHABILITATION OF THE HAND
WITH EMPHASIS ON TRAUMA

MARCH 7-10, 2015