

2018 PHILADELPHIA MEETING

Surgery and Rehabilitation of the Hand: Trending Topics in Hand to Shoulder Therapy

March 23, 2018 | Pediatric Upper Extremity Pre-Course for Surgeons and Therapists



March 24 – 27, 2018 | Sheraton Philadelphia Downtown Hotel

HONORED PROFESSORS:

Nancy N. Byl, PT, PhD, MPH, FAPTA
Susan V. Duff, EdD, PT, OT/L, CHT
Neal C. Chen, MD
Jeffrey A. Greenberg, MD
Warren C. Hammert, DDS, MD
Michael W. Neumeister, 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 23, 2018

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 common, traumatic and congenital conditions.

Sponsored By



Hand Rehabilitation
Foundation

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American Association
of Hand Surgery

THE 2018 PHILADELPHIA MEETING

The Philadelphia Hand Rehabilitation Foundation is proud to present the 44th annual symposium, **Surgery and Rehabilitation of the Hand**. The 2018 program will provide evidence informed practice in the care of upper extremity injuries and conditions, presented by a distinguished faculty of surgeons and therapists. Laboratory sessions, panel discussions, hands-on workshops and orthotic fabrication labs 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, Fellows, Residents and Students.

SATURDAY, MARCH 24, 2018

8:00am **Welcome and Introduction of Honored Professors**

Lawrence H. Schneider, MD
Terri M. Skirven, OTR/L, CHT

HAND BASICS

Moderator: Neal Chen, MD

8:15am **Trending Topics: Fake News or Hard Facts?**

Joy C. MacDermid, BScPT, PhD

8:30am **Anatomy of the Hand**

Dave Ebaugh, PT, PhD, OCS

8:50am **Clinical Examination of the Hand**

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

9:10am **The Biology of Wound Healing**

Maureen A. Hardy, MS, PT, CHT

9:30am **Wound Coverage Techniques**

Adam B. Strohl, MD

9:50am **Wound Management**

Gayle Severance, MS, OTR/L, CHT

10:05am **Edema and Scar Management**

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

10:20am **Break/Exhibits**

Fractures and Joint Injuries of the Hand

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

10:50am **Surgeon's Management of Hand Fractures**

Eon K. Shin, MD

11:10am **Clinical Reasoning for Fracture Management**

Maureen A. Hardy, PT, MS, CHT

11:30am **Pain Guided Early Motion with K-Wired Finger Fractures**

Donald H. Lalonde, MD

11:50am **Trends in the Management of Proximal Interphalangeal Joint Injuries**

Warren C. Hammert, DDS, MD

12:10pm **Management of the Stiff Proximal Interphalangeal Joint**

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

12:30pm **Lunch/Exhibits**

Tendon Injuries and Conditions

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

1:30pm **Flexor Tendon Injury and Repair**

Rowena McBeath, MD, PhD

1:50pm **WALANT - Wide Awake; No Anesthesia; No Tourniquet Technique**

Donald H. Lalonde, MD

2:05pm **Rehabilitation Following Flexor Tendon Repairs**

Nancy M. Cannon, OTR/L, CHT

2:35pm **Half a Fist of True Active Movement vs. Full Fist Place and Hold**

Donald H. Lalonde, MD

2:45pm **The Use of Purposeful Activity for Flexor Tendon Rehabilitation: When, How and Why**

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

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. Surgical Procedures & Post-Op Protocols: Shoulder Conditions

Neal C. Chen, MD; Jason A. Suda, MOTR/L, CHT
Important to the successful care of the patient with a shoulder injury is a coordinated approach between the surgeon and therapist. This session will present such an approach with a surgeon-therapist team presenting the surgical and non-surgical management and rehabilitation guidelines for selected shoulder conditions.

2. Orthotic Fabrication: Elbow Orthosis

Moderator: Lauren J. O'Donnell, OTR/L, CHT
Assistants: Karen Davis, COTA
Roberta Morris, OTR/L, CHT; Marie G. Sayers, OTR/L, CHT
The faculty will provide an overview of the indications for orthotic intervention of the elbow post operatively and following acute injury. A variety of elbow orthotic designs and therapeutic techniques will be discussed to improve the efficiency of fabrication and secure fit of the orthosis. Participants will have the opportunity to fabricate a long arm orthosis.

3. Joint Mobilization – Shoulder

Moderators: Jane M. Fedorczyk, PT, PhD, CHT
Frank Fedorczyk, PT, DPT
Assistants: Kenneth Taylor, PT, DPT, OCS
Deborah K. Reich, PT, DPT, CHT
Matt Conoscenti, DPT, OCS, COMT, CEEAA
This session will offer an evidence-informed overview of joint-based manual therapy principles to be used to manage pain and/or recovery of range of motion. Participants will practice mobilization techniques for the shoulder complex including the scapula. Recommendations for clinical application will be provided. Lab attire recommended.

4. Therapy Practice Management

Christopher Reynolds, PT, MHS, 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 the orthotics credentialing controversy, reimbursement, marketing and suggestions for containing costs. Participants are encouraged to bring questions to participate in an open discussion.

5. Extensor Tendon Case Conundrums

Moderator: Roslyn B. Evans, OTR/L, CHT
Panelists: Randall W. Culp, MD
Rowena McBeath, MD, PhD
Karen M. Pettengill, MS, OTR/L, CHT
Karen S. Schultz, MS, OTR, FAOTA, CHT
This panel will promote through case presentation and discussion the conundrums that clinicians face related to extensor tendon injuries, repairs and rehabilitation approaches.

6. HTCC

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. Newly certified hand therapists will be available to discuss their strategies for test preparation.

7. Edema Management

Faculty: Sheri B. Feldscher, OTR/L, CHT
Norah Malkinski, OTR/L, CHT, 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 edema mobilization will be demonstrated and practiced.

8. Management of Pain Conditions in the Upper Limb

Faculty: Mark T. Walsh, PT, DPT, MS, CHT
Joy C. MacDermid, BScPT, PhD
This session will provide an overview of selected pain conditions of the upper limb including nerve compression syndromes and complex regional pain syndrome. Assessment procedures including clinical neurodynamic testing will be covered. Rehabilitation strategies will be presented and supported by a review of the evidence in current peer-reviewed literature.

9. Overuse Shoulder and Elbow Injuries in the Athlete

Faculty: 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. Participants will have the opportunity to practice kinetic chain evaluation techniques and are invited to wear lab attire if desired.

10. Recovery of Function Following Hand and Upper Limb Amputation

Moderator: Gayle Severance, MS, OTR/L, CHT
Panelists: Kevin J. Barnes, CP, CTP
Christopher Bollinger, MOT, OTR
R. Glenn Gaston, MD; L. Scott Levin, MD
This panel will present an expanded discussion of the latest approaches in surgery and rehabilitation to promote functional recovery in the patient with an upper limb amputation. Topics will include upper extremity transplantation; prosthetic options; targeted muscle re-innervation and prosthetic training.

Tendon Injuries and Conditions (continued)

Moderator: Peter J. Stern, MD

- 8:00am Extensor Tendon Injuries and Repairs**
John D. Lubahn, MD
- 8:20am Clinical Decision Making Following Extensor Tendon Injuries and Repairs**
Roslyn B. Evans, OTR/L, CHT
- 8:50am The Relative Motion Concept for Extensor Tendon Injury: Is That All There Is?**
Donald H. Lalonde, MD
- 9:05am What Say You? A Lightning Round Panel**
Moderator: Roslyn B. Evans, OTR/L, CHT
Panelists: Donald H. Lalonde, MD
John D. Lubahn, MD; A. Lee Osterman, MD
Peter J. Stern, MD
- 9:30am Break/Exhibits**

Neurologic Conditions

Nancy N. Byl, PT, PhD, MPH, FAPTA

- 10:00am Priming the Nervous System for Learning**
Nancy N. Byl, PT, PhD, MPH, FAPTA
- 10:30am Optimizing Sensorimotor Control After Peripheral Nerve Injury**
Susan V. Duff, EdD, PT, OT/L, CHT
- 10:50am Nerve Lacerations and Repairs**
Patrick M. Kane, MD
- 11:05am Therapy Following Nerve Injury and Repair**
Mark T. Walsh, PT, DPT, MS, CHT
- 11:25am Nerve Transfers**
Leonik I. Katolik, MD
- 11:40am Rehabilitation following Nerve Transfer**
Jane M. Fedorczyk, PT, PhD, CHT
Annalisa Synnestevedt, MOT, OTD
- 12:00pm Lunch/Exhibits**
- 1:00pm Concurrent sessions 11-21**
Please refer to the list of concurrent sessions at the right.
Kindly indicate 3 choices for the 1:00 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.
- 3:00pm Break/Exhibits**
- 3:30pm Concurrent sessions 11-21 (repeated)**
Please refer to the previous instructions.
Kindly indicate 3 choices for the 3:30 session, in order of preference, on the attached registration form.
- 5:30 Sunday Sessions End**

11. Electrotherapy for Hand and Upper Limb Rehabilitation

Moderator: Jane M. Fedorczyk, PT, PhD, CHT
Assistants: Kenneth Taylor, PT, DPT, OCS
Christina Read, PT, DPT, CHT

This session will present the use of electrotherapy for pain management and the recovery of motion in the hand and upper limb. Emphasis will be placed on clinical reasoning and evidence-informed practice. Case studies will be used to illustrate clinical applications.

12. Orthosis Fabrication: Extensor Tendon Injuries Zone by Zone

Moderator: David M. Wolfe, OTR/L, CHT
Assistants: Ariana Belles, OTR/L, CHT
Colleen Burke, PTA

Annalisa Synnestevedt, MOT, OTD
During extensor tendon rehabilitation the therapist must protect healing tendons, encourage tendon gliding and facilitate functional grasp and prehension while preventing extensor lag. Participants will fabricate various orthoses to immobilize, provide relative motion and short arc motion according to the zone of injury and stage of healing of the extensor tendon.

13. Joint Play in Motion

Moderator: Karen S. Schultz, MS, OTR, FAOTA, CHT
Assistants: Alison Furman, OTD, OTR/L
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 new techniques to combine accessory motions with physiologic movement to reduce joint pain and/or improve range of motion.

14. Hand Assessment: Where is the Evidence?

Moderator: Elaine E. Fess, OTR, OTD, FAOTA, CHT
Laura Walsh, OTR/L, OTD, 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.

15. Clinical Examination of the Shoulder

Moderator: Brian G. Leggin, PT, DPT, OCS

Assistants: Frank Fedorczyk, PT, DPT
Brian Eckenrode, PT, DPT, MS, 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.

16. Clinical Examination of the Elbow

Moderator: Jason A. Suda, MS, OTR/L, CHT

Assistants: Shanna Corbin, MS, OTR/L
Marianne K. Dunphy, OTR/L
Laura Fisher, PT, CHT
Brady McGuire, OTR/L

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.

17. Clinical Examination of the Wrist

Moderator: Caitlin McCormick, MS, OTR/L

Assistants: Lois Bencardino, OTR/L
Christos Karagiannopoulos, PT, PhD, ATC, CHT
Gayle Severance, MS, OTR/L, CHT
Teri Speakman, 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.

18. Orthopaedic Assessment of the Nervous System

Moderator: Mark T. Walsh, PT, DPT, MS, CHT

Assistants: Lauren M. DeTullio, MS, OTR/L, CHT
Christopher Reynolds, PT, MHS, CHT
Teresa Zapotochny, PT, 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.

19. Innovative Treatment Strategies For Peripheral and Central Neurological Conditions

Moderator: Susan V. Duff, EdD, PT, OT/L, CHT
Deborah Humpl, OTR/L

Shailesh Kantak, PhD, PT
Todd Levy, MS, OTR/L

Gregory Thielman, PT, MSPT, EdD, ATC, CSRS

This interactive workshop will review and demonstrate innovative treatment strategies currently being used or investigated to augment recovery after peripheral or central neurological injury in pediatric and adult clients. The range of topics will include the effective use of contingent reinforcement, active camp-and station-based, UE training sessions, priming with transcranial direct current stimulation (tDCS), and mapping recovery using transcranial magnetic stimulation (TMS). Audience participation is encouraged!

20. Taping Techniques for the Upper Extremity

Moderator: Mary F. Loughlin, OTR/L, CHT

Assistants: Matt Conoscenti, DPT, OCS, COMT, CEEAA
MaryBeth LaPlant, PT, CHT
Natania Streeter, OTR/L, CHT
Jane Moore, 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.

21. Rehabilitation Strategies for the Injured Musician

Nancy N. Byl, PT, PhD, MPH, FAPTA

Aviva L. Wolff, EdD, OT, CHT

Rehabilitation of the injured musician presents unique challenges and is not complete without specific preparation of the musician to return to play. This session will include an overview of unique assessment procedures incorporating motion analysis; a discussion of musician neuroplasticity; and a structured return to play program. Overuse syndromes and focal dystonia will also be discussed.

MONDAY, MARCH 26, 2018

Neurologic Conditions - (continued)

Moderator: Susan V. Duff, EdD, PT, OT/L, CHT

- 8:00am **Fostering Motor Learning and Control During Upper Extremity Rehabilitation**
Susan V. Duff, EdD, PT, OT/L, CHT
- 8:20am **Tendon Transfers Following Nerve Injury**
Leonid I. Katolik, MD
- 8:40am **Therapy Following Tendon Transfers**
Marie G. Sayers, OTR/L, CHT
- 9:00am **Challenges of Upper Limb Functional Recovery Following Neurologic Injury**
Nancy N. Byl, PT, PhD, MPH, FAPTA
- 9:20am **Brain to Hand: Trends in Pain Management**
Susan W. Stralka, PT, DPT, MS, ACHE
- 9:40am **Dorothy B. Kaufmann International Scholarship Presentation**
- 9:50am **Hand Rehabilitation Foundation Announcements/Silent Auction**
- 10:00am **Break/Exhibits**

Hypermobility

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

- 10:30am **Hypermobility Syndromes**
A. Lee Osterman, MD
- 10:45am **Therapeutic Techniques and Orthotic Intervention for Hypermobility**
Rajani Sharma-Abbott, MHS, OTL/CHT
- 11:05am **Therapist's Management of Wrist Instability**
Aviva L. Wolff, EdD, OT, CHT
- 11:25am **Effect of Muscle Fatigue on Wrist Proprioception**
Christos Karagiannopoulos, PT, PhD, ATC, CHT
- 11:45am **Therapist's Management of Elbow Instability**
Aviva L. Wolff, EdD, OT, CHT
- 12:05pm **Therapist's Management of Extensor Tendon Subluxation**
Terri L. Wolfe, OTR/L, CHT
- 12:20pm **Q & A**
- 12:30pm **Lunch/Exhibits**

Upper Extremity Amputations

Moderator: R. Glenn Gaston, MD

- 1:30pm **Advances in Upper Extremity Prosthetics**
Kevin J. Barnes, CP, CTP, LPNJ, LPPA
- 1:55pm **Targeted Muscle Re-innervation (TMR) to Improve Upper Limb Prosthetic Control**
R. Glenn Gaston, MD

2:15pm **Case Example: Therapy following TMR**
Norah Malkinski, OTR/L, CHT, CLT

2:30pm **Prosthetic Training**
Christopher Bollinger, MOT, OTR

2:55pm **Q & A**

3:00pm **Break/Exhibits**

3:30pm **Concurrent sessions 22-30**

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 pm **Monday Sessions End**

BACK BY POPULAR DEMAND!

Project Splint Pan

Monday, March 26th

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: Susan V. Duff, EdD, PT, OT/L, CHT
Terri M. Skirven, OTR/L, CHT
Elaine E. Fess, MS, OTR, FAOTA, CHT
David M. Wolfe, OTR/L, CHT
Lauren J. O'Donnell, OTR/L, CHT



22. Research Tools for Everyday Clinical Practice

Joy MacDermid, BScPT, PhD

This session will cover a practical approach to incorporating research tools and methods in the clinic. Patient reported outcomes and their relevance to the clinical reasoning process will be presented along with guidelines for case reports.

23. Orthotic Fabrication: Creative Orthosis Solutions, Pearls, Tips and Tricks

Moderator: Marie Sayers, OTR/L, CHT

Assistants: Katie L. Burkhart, OTR/L

Meredith McCaffery, OTR/L; Janice Trope, OTR/L, CHT

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

24. Joint Mobilization: Elbow, Wrist, and Hand

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

Frank Fedorczyk, PT, DPT

Assistants: Christina Read, PT, DPT, CHT

Kenneth Taylor, PT, DPT, OCS

This session will offer an evidence-informed overview of joint-based manual therapy principles to be used to manage pain and/or recovery of range of motion. Participants will practice mobilization techniques for the elbow, wrist, and hand. Recommendations for clinical application will be provided. Lab attire recommended.

25. Strategies for Priming the Nervous System to Restore Motor Control

Nancy Byl, PT, PHD, MPH, FAPTA

We know the central and peripheral nervous systems have the capacity to adapt and change in response to aging, trauma, disease and aberrant learning. Based on principles of neuroplasticity it has become clear that the nervous system must be ready to learn. The purpose of this session is to discuss different ways of priming the nervous system to learn and how to apply these strategies in the clinic. Attendees will be able to develop new clinical priming strategies consistent with neurophysiologic principles.

26. Flexor Tendon Case Conundrums

Moderator: Nancy M. Cannon, OTR/L, CHT

Jeffrey A. Greenberg, MD; Rowena McBeath, MD, PhD

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

This panel will promote through case presentation and discussion the conundrums that clinicians face related to flexor tendon injuries, repairs and rehabilitation approaches.

27. Understanding Diagnostic Testing: Imaging and Electrophysiological Evaluation

Faculty: David Hutchinson, PT, DSc, MS, ECS

Comprehensive therapy treatment planning requires the ability to understand and incorporate the results of ancillary evaluation modalities such as xray, MRI and EMG. This session will provide an overview of diagnostic imaging and electrophysiological testing and how to interpret findings to allow appropriate goal setting and treatment planning.

28. Proprioception Reeducation for the Hand and Upper Limb

Moderator: Christos Karagiannopoulos, PT, PhD, ATC, CHT

Assistants: Karen S. Schultz, MS, OTR, FAOTA, CHT

Rajani Sharma-Abbott, MHS, OTL/CHT

This session will describe a rehabilitation approach to restore dynamic stability and function for individuals with instability of the hand and upper limb. Proprioceptive re-training techniques including kinesthesia awareness, neuromuscular rehabilitation, and mirror therapy will be covered.

29. Graded Motor Imagery

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

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.

30. Surgical Procedures and Postoperative Protocols: Reconstruction of the Rheumatoid Hand and Wrist

Faculty: Terri L. Wolfe, OTR/L, CHT; John D. Lubahn, MD

Important to the successful care of the patient with rheumatoid arthritis with wrist and hand involvement is a coordinated approach between the surgeon and therapist. This session will present such an approach with a surgeon-therapist team presenting the surgical and non-surgical management, rehabilitation guidelines and orthotic intervention for selected reconstructive procedures for the rheumatoid hand and wrist.

TUESDAY, MARCH 27, 2018

Selected Upper Quarter and Elbow Conditions

A. Lee Osterman, MD

- 8:00am Terrible Triad**
Neal C. Chen, MD, Jason A. Suda, MOTR/L, CHT
- 8:20am Elbow Fractures and Dislocations**
Kenneth A. Kearns, MD
- 8:40am Rehabilitation Following Elbow Fracture**
Laura Walsh, MS, OTR/L, CHT
- 9:00am One Bone Forearm**
A. Lee Osterman, MD
- 9:20am Scapula Dyskinesia: Assessment and Management**
Philip J. McClure, PT, PhD
- 9:40am Break**
- 10:00am Conservative & Postoperative Therapy for Rotator Cuff Tears**
Brian G. Leggin, PT, DPT, OCS
- 10:30am Shoulder Pain in Competitive Swimmers**
Angela Tate, PT, PhD
- 10:50am Therapist's Management of Shoulder Instability**
Frank Fedorczyk, PT, DPT

Trending Topics

Jane M. Fedorczyk, PT, PhD, CHT

- 11:00am The Opioid Crisis: Can Hand Therapists Help?**
Joy C. MacDermid, BScPT, PhD
- 11:20am Trending Topics - Fact or Fiction?**
Moderator: Jane M. Fedorczyk, PT PhD, CHT
Panelists: Joy C. MacDermid, BScPT, PhD
Karen S. Schultz, MS, OTR, FAOTA, CHT
Susan W. Stralka, PT, DPT, MS, ACHE
Terri L. Wolfe, OTR/L, CHT
- 12:00pm Adjourn**

**PRE-CONFERENCE SESSION
WED-FRI, MARCH 21-23, 2018**

3-DAY TUTORIAL

Wednesday – Friday
March 21-23, 2018

Philadelphia Hand to Shoulder Center
Physician and Therapy Staff

\$495.00 additional registration fee

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 to Shoulder 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 FOR SURGEONS & THERAPISTS

FRIDAY, MARCH 23, 2018

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

The Comey Files: Congenital Shoulder/Elbow Conditions

Moderator: Dan A. Zlotolow, MD

7:40 am **Arthrogryposis – Shoulder and Elbow**
Dan A. Zlotolow, MD

7:50 am **Sprengel's**
Apurva S. Shah, MD

8:00 am **Torticollis**
Theresa O. Wyrick, MD

8:10 am **Therapy for Congenital Shoulder/Elbow Conditions**
Jenny M. Dorich, MBA, OTR/L, CHT

8:20 am Case Presentations: Congenital Potpourri
Moderator: Dan A. Zlotolow, MD
Panelists: Jenny Dorich, MBA, OTR/L, CHT
Apurva S. Shah, MD; Theresa O. Wyrick, MD

Trump's Trauma

Moderator: Christine A. Ho, MD

8:40 am **Clavicle Fractures/Malunions**
Scott H. Kozin, MD

8:50 am **Proximal Humerus Fractures/Malunions**
Joshua M. Abzug, MD

9:00 am **Supracondylar Fractures**
Christine A. Ho, MD

9:10 am **Lateral Condyle Fractures**
Martin J. Herman, MD

9:20 am **Medial Epicondyle Fractures**
Kevin Little, MD

9:30 am **Radial Neck Fractures**
Apurva S. Shah, MD

9:40 am **Monteggia Fracture Dislocations – Acute and Chronic**
Andrea S. Bauer, MD

9:50 am **Therapy - Trauma**
Reeti Douglas, OTD, OTR/L

10:00 am Case Presentations: Trauma
Moderator: Christine A. Ho, MD
Panelists: Joshua M. Abzug, MD; Andrea S. Bauer, MD
Reeti Douglas, OT; Martin J. Herman, MD; Scott H. Kozin, MD
Kevin J. Little, MD; Apurva S. Shah, MD

10:30 am Coffee Break

Nancy Pelosi's Nerve

Moderator: Scott H. Kozin, MD

11:00 am **Cubital Tunnel Syndrome**
Theresa O. Wyrick, MD

11:10 am **Acute Flaccid Myelitis – The New Polio?**
Dan A. Zlotolow, MD

11:20 am **SCI – Tendon Versus Nerve Transfer**
Scott H. Kozin, MD

11:30 am **Therapy -Nerve**
Sarah Ashworth, OTR/L

11:40 am Case Presentations: Nerve
Moderator: Scott H. Kozin, MD
Panelists: Sarah Ashworth, OTR/L; Theresa O. Wyrick, MD
Dan A. Zlotolow, MD

12:00 pm Lunch

Barack's Brachial Plexus

Moderator: Roger Cornwall, MD

1:00 pm **Diagnosis and Evaluation Tools**
Joshua M. Abzug, MD

1:10 pm **Therapy for Shoulder Without Surgical Intervention**
Sarah Ashworth, OTR/L

1:20 pm **Therapy for Elbow and the Role of Botox**
Jenny M. Dorich, MBA, OTR/L, CHT

1:30 pm **Primary Surgery-Brachial Plexus**
Scott H. Kozin, MD

1:40 pm **Tendon Transfer Procedures – Lat/Teres, Lower Trap, Bi to Tri**
Apurva S. Shah, MD

1:50 pm **Nerve Transfer Procedures About the Shoulder and Elbow**
Roger Cornwall, MD

2:00 pm **Osteotomies – Humeral and Scapular**
Kevin J. Little, MD

2:10 pm Case Presentations: BP
Moderator: Roger Cornwall, MD
Panelists: Joshua M. Abzug, MD; Sarah Ashworth, OTR/L
Jenny M. Dorich, MBA, OTR/L, CHT; Scott H. Kozin, MD
Kevin J. Little, MD; Apurva S. Shah, MD

2:30 pm Coffee Break

Clinton's CP

Moderator: Scott H. Kozin, MD

3:00 pm **Treatment of the Elbow in CP/Spasticity**
L. Andrew Koman, MD

3:10 pm **Therapy for Children with CP**
Heta Parikh, OT, CHT

3:20 pm Case Presentations: CP
Moderator: Scott H. Kozin, MD
Panelists: L. Andrew Koman, MD; Heta Parikh, OT, CHT

Senator Ryan's Sports Injuries

Moderator: Andrea S. Bauer, MD

3:30 pm **Little League Shoulder and Elbow - GIRD**
Christine A. Ho, MD

3:40 pm **Therapy-Shoulder/Elbow**
Heather Weesner, OT, CHT

3:50 pm **OCD of the Capitellum – Microfracture, OATS**
Andrea S. Bauer, MD

4:00 pm **UCL Repair vs. Reconstruction**
Roger Cornwall, MD

4:10 pm **Case Presentations: Sports Injuries**
Moderator: Andrea S. Bauer, MD
Panelists: Roger Cornwall, MD
Christine A. Ho, MD
Heather Weesner, OT, CHT

4:30 pm **Adjourn**

Symposium Faculty

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Lois Bendardino, OTR/L

Collen C. Burke, PTA

Katie L. Burkhart, OTR/L, CHT

Matt Conoscenti, DPT, OCS, COMT, CEEAA

Shanna L. Corbin, MS, OTR/L, CHT

Karen Davis, COTA

Marianne K. Dunphy, OTR/L, CHT

Laura Fisher, PT, CHT

Alison Furman, OTD, OTR/L

Haley Hanlin, OTR/L

Mary Beth Laplant, PT, CHT

Meredith McCaffery, 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

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Janice L. Trope, OTR/L, CHT

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Teresa M. Zapotochny, PT, CHT

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Joshua M. Abzug, MD

Sarah Ashworth, OTR/L

Andrea S. Bauer, MD

Roger Cornwall, MD

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

Martin J. Herman, MD

Christine A. Ho, MD

L. Andrew Koman, MD

Scott H. Kozin, MD

Kevin J. Little, MD

Heta Parikh, OT, CHT

Apurva S. Shah, MD

Heather Weesner, OT, CHT

Theresa O. Wyrick, MD

Dan A. Zlotolow, MD

MEETING AND HOTEL INFORMATION

Sheraton Philadelphia Downtown

201 N. 17th Street, Philadelphia, PA 19103

Room Rate: \$199.00/night

Deadline for reduced rates is February 18, 2018.

Hotel Reservations

Please identify yourself as part of the Hand Rehabilitation Foundation group when calling the Reservations Center at **866-716-8134**.

CONTINUING EDUCATION

Hand Rehabilitation Foundation designates this educational activity, Surgery and Rehabilitation of the Hand: Trending Topics in Hand to Shoulder Therapy, 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 _____ City, State, Zip _____

E-Mail (Required) _____

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 24			
	Sunday, March 25 – 1:00 pm			
	Sunday, March 25 – 3:30 pm			
	Monday, March 26			

Registrations ON-SITE ONLY after March 11, 2018

PRE-CONFERENCE SESSIONS	Amount				
3-Day Tutorial - Wednesday – Friday, March 21-23, 2018	\$495				
1- Day Pediatric Pre-Course - Friday, March 23, 2018	\$375				
Full Symposium Registration <i>Includes Opening Reception, General Session, 1 Concurrent Session per day, Course Materials, Continental Breakfast daily and lunch (no lunch Tuesday) and Chairmen's Reception.</i>					
Allied Health Professional <i>(including \$20 donation to HRF)</i>	\$800 (\$780 without donation)				
Surgeon/Physician <i>(including \$20 donation to HRF)</i>	\$900 (\$880 without donation)				
Military <i>(proof of active service required)</i>	\$675				
One-Day Symposium Registration <i>Includes Continental Breakfast, General Session, 1 Concurrent Session for each day registered and Lunch (no lunch Tuesday).</i>					
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	
Late Registration: Add \$50 to all ON SITE registrations after midnight Sunday, March 11, 2018.					
Yes! I would like to make a tax deductible donation to Hand Rehabilitation Foundation. <input type="checkbox"/> \$100 <input type="checkbox"/> \$50 <input type="checkbox"/> \$25 <input type="checkbox"/> Other \$_____					
TOTAL					
Cancellation Policy: A full refund less a \$75 cancellation fee will be issued if written notification is received by March 11, 2018. No refunds after March 11, 2018.					

I am planning on attending the opening reception on Friday, March 23, 2018 from 6:00 – 8:00 pm. Yes No

I am planning to attend Project Splint Pan on Monday, March 26, 2018 from 6:30 – 8:30 pm. Yes No

 Please indicate if you have any need for auxiliary aids or special assistance services.

Visa MasterCard American Express Check or Money Order in U.S. funds payable to **Hand Rehabilitation Foundation**.

Credit Card Number _____ Exp. Date _____ Security Code _____

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Hand Rehabilitation Foundation
 700 S. Henderson Road, Suite 100
 King of Prussia, PA 19406

Hand Rehabilitation Foundation

Contact Information

Phone 610.768.5958
 Fax 610.768.8887
 hrf@handfoundation.org



Guidebook App 2018

Watch your email for details about downloading the App! There will be NO syllabus book.

Register Online at www.HandFoundation.org



Hand Rehabilitation Foundation
700 S. Henderson Road, Suite 100
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Surgery and Rehabilitation of the Hand: Trending Topics in Hand to Shoulder Therapy

March 24 - 27, 2018

Sheraton Philadelphia Downtown Hotel

**Pre-Course: Pediatric Upper Extremity
for Surgeons & Therapists**

Friday, March 23, 2018

Pre-Conference Session: 3-Day Tutorial

Wednesday - Friday, March 21-23, 2018

2018 PHILADELPHIA MEETING

