

March 16 - March 18, 2024 | 25th Annual Hand Surgery Symposium

Tendon and Nerve — The 5th Decade: To Infinity and Beyond

Honored Professors:

Bobby Chhabra, MD Donald H. LaLonde, MD Steven L. Moran, MD Jin Bo Tang, MD

Chairmen:

A. Lee Osterman, MD Meredith N. Osterman, MD Daniel Lorenzana, MD

Friday, March 15, 2024 | 7:30 am-5:00 pm

Pediatric Upper Extremity Pre-Course for Surgeons & Therapists Course Directors: Joshua M. Abzug, MD, Scott H. Kozin, MD, and Dan A. Zlotolow, MD

Monday, March 18, 2024 | 1:00 pm-5:00 pm

Ultrasound Post-Course: Fundamentals of Diagnostic & Interventional MSK Ultrasound for Hand Surgeons

Presented by Sonex Health





Tendon and Nerve — The 5th Decade: To Infinity and Beyond





Denotes Cadaver Demo

6:30 am Registration & Continental Breakfast
7:30 am **GENERAL SESSION - WELCOME**

Impact and Historical Overview of Tendon Injuries

A. Lee Osterman, MD

THE SCIENCE OF TENDON HEALING

Moderator: Rowena McBeath MD, PhD

7:55 am Tendon Biology and Phases of Healing

Rowena McBeath MD, PhD

8:05 am Biomechanics of Tendon Gliding

Peter C. Amadio, MD

8:15 am The Microenviroment: Growth Factors and

Implications for Healing and for Future Treatment

Bobby Chhabbra, MD

8:30 am Pearls and Zones of Flexor Tendon Anatomy

David S. Ruch, MD

8:50 am Flexor Tendon Adhesions

Peter C. Amadio, MD

9:00 am PANEL: HOW THE BASIC SCIENCE HAS CHANGED

MY CLINCAL PRACTICE

Moderators: Steven L. Moran, MD, David S. Ruch, MD Panelists: Jin Bo Tang, MD, Bobby Chhabra, MD, Rowena McBeath MD, PhD, Donald H. Lalonde, MD

9:45 am Coffee Break/Exhibit

FLEXOR TENDON REPAIR

Moderator: Stephanie Sweet, MD

10:15 am Current Principles of Flexor Tendon Repair

Daniel J. Lorenzana, MD

10:30 am

THE M-Tang Repair

Jin Bo Tang, MD

10:45 am Pediatric Flexor Tendon Injuries

Dan A. Zlotolow MD

10:55 am

Connextions Repair

Kenneth R. Means, Jr., MD

11:10 am Benefits of Wide Awake Repair

Donald H. Lalonde, MD

11:25 am

Zone IV Flexor Tendon Injury

John R. Fowler, MD

Zone I Flexor Tendon Injury

Nina Suh, MD

11:50 am Zone I Flexor Tendon Repair My Way

R. Glenn Gaston, MD

Special Consideration for FPL Repair

Bobby Chhabra, MD

12:15 pm Rehabilitation after Flexor Tendon Repair

Roslyn B. Evans, OTR/L, CHT

12:30 pm LUNCH (provided) /EXHIBITS

2:15 pm

12:00 pm

COMPLICATIONS OF FLEXOR TENDON INJURIES

Moderator: Thomas J. Gillon, MD

1:30 pm Rupture After Repair

Melvin P. Rosenwasser, MD

1:45 pm Pulley Rupture and Reconstruction

R. Glenn Gaston, MD

2:00 pm Tenolysis after Flexor Tendon Repair

Donald H. Lalonde, MD

Stage I Silicone Rod and Tendon Graft

Reconstruction *David S. Zelouf, MD*

2:30 pm PANEL DISCUSSION

Moderators: Steven L. Moran, MD,

Melvin P. Rosenwasser, MD

Panelists: Jin Bo Tang, MD, David S. Zelouf, MD,

R. Glenn Gaston, MD, Mark E. Baratz, MD

3:00 pm Coffee Break/Exhibit

3:30 pm - CONCURRENT PANELS

5:30 pm **PANEL I**

Combined Tendon Injuries with Fractures,

Nerve, Skin and Amputation

Moderator: Warren C. Hammert, MD Panelists: Jin Bo Tang, MD, Nina Suh, MD,

Kenneth R. Means, MD

PANEL II

Wide-Awake: The Ins, Outs, Ups and Downs

Moderator: Donald H. Lalonde, MD Panelists: Sidney M. Jacoby, MD,

Steven M. Koehler, MD, Mark E. Baratz, MD

PANEL III

Tendon Rupture and Repair from

Wrist to the Elbow

Moderator: Mark S. Rekant, MD Panelists: Christopher C. Schmidt, MD, Kenneth A. Kearns, MD, R. Glenn Gaston, MD

5:30 pm Exhibitor Sponsored Training Labs (Not for CME)

Lab 1: Endo Pharmaceuticals

Lab 2: Conventus Flower Orthopedics

Lab 3: TBA



6:30 am Continental Breakfast

EXTENSOR TENDON INJURIES

Moderator: Eon K. Shin, MD

7:15 am Extensor Tendon Injury Overview: A Different Beast

John D. Lubahn, MD

7:30 am Mallet Fracture Repair Matthew S. Wilson, MD

7:40 am Central Slip Repair Techniques

Andrew J. Miller, MD

7:55 am Boutonniere Deformity – Does Anything Work?

Donald H. Lalonde, MD

8:05 am The Symptomatic Swan Neck

Ryan D. Katz, MD

8:20 am Attritional Extensor Tendon Ruptures at the Wrist

Matthew S. Wilson, MD

8:30 am Extensor Tendon Subluxation – Sagital Bands,

ECU and Post DeQuervains Release

Warren C. Hammert, MD

8:45 am PANEL: DIFFICULT EXTENSOR TENDON CASES

Moderator: Melvin P. Rosenwasser, MD

Panelists: Ryan D. Katz, MD, John D. Lubahn, MD, Warren C. Hammert, MD, Steven L. Moran, MD

9:30 am Coffee Break/Exhibits

10:00 am - PANEL: CASE BY CASE

11:30 am Moderators: Mark E. Baratz, MD, A. Lee Osterman, MD,

Warren Hammert, MD

Panelists:

Peter C. Amadio, MD **vs** Jin Bo Tang, MD Bobby Chhabra, MD **vs** R. Glenn Gaston, MD Chris C. Schmidt, MD **vs** Kenneth A. Kearns, MD Mark S. Rekant, MD **vs** Peter C. Amadio, MD Steven M. Koehler, MD **vs** Kenneth R. Means, Jr., MD David S. Ruch, MD **vs** John D. Lubahn, MD

Jaques Henri Hacquebord, MD **vs** Ryan D. Katz, MD

11:30 pm Exhibitor Sponsored Training Labs (Not for CME)

Lab 4: Mission Surgical Lab 5: Simpara Surgical

Lab 6: TBA

12:15 pm LUNCH (provided) /EXHIBIT

NERVE COMPRESSION

1:00 pm Ultrasound for Diagnosis of Carpal Tunnel Syndrome

John R. Fowler, MD

1:15 pm Ultrasound Release of the Carpal Tunnel-

Moderator: Andrew J. Miller, MD

Sonex Health Device

John Fowler, MD

1:30 pm Practical Uses of A Nerve Stimulator

Michael R. Hausman, MD

1:40 pm

Pronator Release and AIN Compression

Adam B. Strohl, MD

1:55 pm Evolution and Solution of Cubital Tunnel Surgery

Jesse B. Jupiter, MD

2:05 pm Radial Tunnel Syndrome - Real or Imagined?
Sami Tuffaha, MD

AIN Nerve Transfer in Chronic Cubital Tunnel:

Indications and Surgical Technique

Jonathan E. Isaacs, MD

2:30 pm Salvage of Failed Nerve Surgery: Flaps and Conduits

A. Lee Osterman, MD

2:40 pm

2:15 pm

Tendon Transfers to Restore Opposition

Mark S. Rekant, MD

2:50 pm

THE OSTERMAN AWARD PRESENTATION

David S. Ruch, MD

3:05 pm

Coffee Break/Exhibit

3:30 pm -

CONCURRENT PANELS

5:30 pm

PANEL IV

Soft Tissue Coverage With Associated

Tendon Injuries

Moderator: Ryan D. Katz, MD

<u>Panelists</u>: Jacques Henri Hacquebord, MD, Adam B. Strohl, MD, Steven L. Moran, MD

PANEL V

Tendon Transfers Post Nerve And Tendon Injury

Moderator: Nina Suh, MD

Panelists: John R. Fowler, MD, Matthew S. Wilson, MD,

Dan A. Zlotolow, MD

PANEL VI

Uncommon Compressive Neuropathies of

the Upper Extremity

Moderator: Jonathan E. Isaacs, MD

Panelists: John D. Lubahn, MD, Jesse B. Jupiter, MD,

Andrew J. Miller, MD



6:15 Continental Breakfast

NERVE IN THE NEW MILLENIUM

Moderator: Patrick M. Kane, MD

7:00 am Crash Course in Nerve Evaluation: What's New

in the Diagnosis Of Nerve Injury

Adam B. Strohl, MD

7:10 am

Nerve Repair: Tips and Tricks

Jonathan E. Isaacs, MD

7:25 am How to Introduce Nerve Transfer into Your Practice:

Where Do I Start?

Jaques Henri Hacquebord, MD

7:35 am Challenging the DOGMA of Nerve Surgery:

Operating on Patients with CRPS

Jesse B. Jupiter, MD

8:00 am

Nerve Transfer to Restore Pinch Jacques Henri Hacquebord, MD

Dealing with Neuromas and Neuropathic Pain

Michael R. Hausmann, MD

DENNERVATION 8:25 am

Moderator: Meredeth N. Osterman, MD

8:15 am

The Wrist

Melvin P. Rosenwasser, MD

The Thumb CMC

Adam B. Strohl, MD

Interphalangeal Joints Sami Taffaha, MD

PANEL: THE GREAT DEBATE: 8:50 am

NERVE TRANSFER VS TENDON TRANSFER

Moderator: A. Lee Osterman, MD

Hand Intrinsic Function

Mark E. Baratz, MD (tendon) vs Sami Tuffaha, MD (nerve)

Thumb Opposition

David S. Zelouf, MD (tendon) vs Jonathan E. Isaacs, MD (nerve)

Radial Nerve Injury

A. Lee Osterman, MD (tendon) vs Matthew S. Wilson, MD (nerve)

10:00 am Coffee Break/Exhibit

Exhibitor Sponsored Training Labs (Not for CME) 10:30 am

> Lab 7: TBA Lab 8: TBA Lab 9: TBA

Meeting Adjourn 11:30 am

SONEX HEALTH ULTRASOUND POST-COURSE

Fundamentals of Diagnostic & Interventional MSK Ultrasound for Hand Surgeons Course Faculty: Dr. Jay Smith and Dr. Victor Marwin, Sonex Health Monday, March 18, 2024 | 1:00 pm - 5:00 pm*

1:00 pm 1:30 pm	Welcome/Didactic MSK Presentation Scanning Technique: Holding the Transducer and Aligning It with the Target (Including Live Demonstration) How US works and why should you care? Getting the transducer aligned with the target	2:45 pm	 Hands-On Practice Identify normal tissues in the volar wrist region Obtain high quality images of the carpal tunnel region Measure median nerve cross sectional area Measure safe zones in the carpal tunnel region Label, save and review US images and videos
1:45 pm	Hands-On Practice	3:15 pm	Break
	Practicing transducer manipulationsMoving from 2D to 3DLocalizing and imaging structures using US	3:15 pm	CTR w/UltraGuide CTR (Including Live Demonstration)
		3:30 pm	Hands-On Practice • UltraGuide CTR with Realtime Ultrasound Guidance
2:00 pm	Acquiring and Optimizing an US Image		cadaveric practice
	(Including Live Demonstration)	4:15 pm	Trigger Finger Release Using UltraGuide TFR
2:15 pm	Hands-On Practice		Demonstration
	 Getting oriented Optimizing an US image Transitioning between imaging planes - staying oriented Controlling anisotropy, including differential anisotropy 	4:30 pm	Hands-On Practice • TFR w/UltraGuide TFR
		5:00 pm	Post-Course Adjourn
2:30 pm	Sonographic Appearance of Normal Tissues: Using the		

* Not for CME



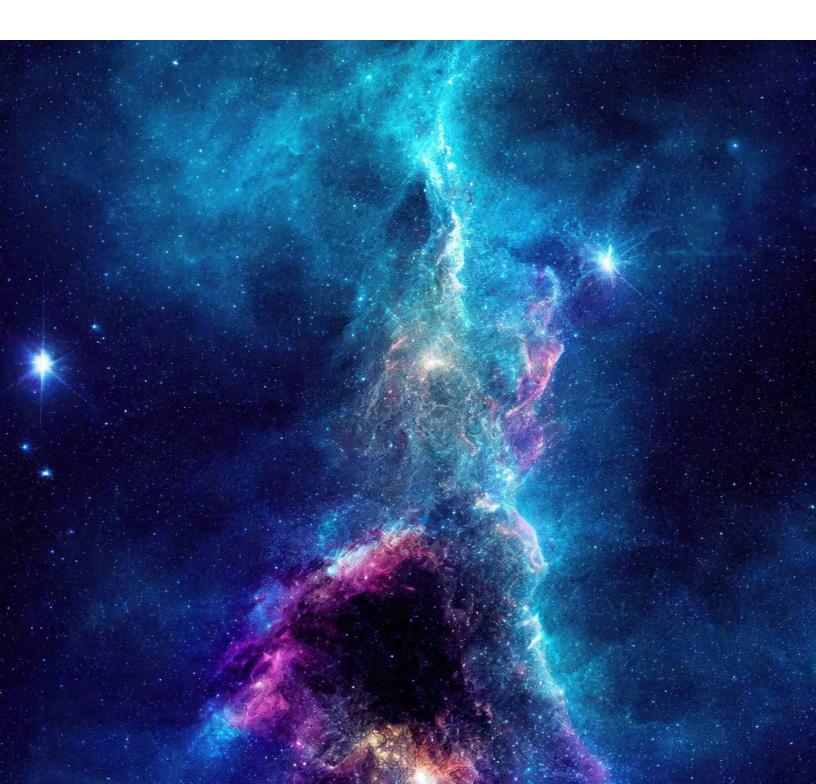
Pediatric Upper Extremity Pre-Course 2023 for Surgeons and Therapists To Infinity and Beyond | Friday, March 15, 2024 | 7:30 am - 5:00 pm

7:30 am	Welcome Joshua M. Abzug, MD Scott H. Kozin, MD	11:20 am	Occupational Therapy for Tendon Injuries Jaclyn Miley, MS, OTR/L		
	Dan Zlotolow, MD	11:35 am	Case Presentations Jin Bo Tang, MD		
Congenital Moderator: Carley Vuillermin, MD		12:00 pm	Lunch		
7:45 am	Syndactyly – Graft, Timing, Special	Spasticity <i>Moderator:</i> 7	CRA		
7:55 am	Considerations Carley Vuillermin, MD Macrodactyly – Operative and	1:00 pm	Arm and Forearm CP/Spasticty - The Role of Muscle Tendon Lengthenings		
7.55 am	Non-Operative Management Scott H. Kozin, MD		Scott H. Kozin, MD Arm and Forearm CP/Spasticity - The Role of Selective Denervation		
8:05 am	Radial Polydactyly – Tried and True vs. New Advancements (Extraperiosteal Toe Transfers) Steven Moran, MD	1:20 pm	Eugene Park, MD Upper Extremity Spasticty: Is There Still a Role for Arthrodesis?		
8:15 am	Madelung's Dan Zlotolow, MD	1:30 pm	Dan A. Zlotolow, MD Occupational Therapy for Children with Spasticity		
8:25 am	Camptodactyly Kevin Little, MD		Jenny Dorich, PhD, OTR/L, CHT		
8:35 am Congenital Therapy Sandra L. Schmeig, OTR/L, CHT		Nerve Moderator: Steven L. Moran, MD			
8:50 am	Case Presentations: Potpourri Carley Vuillermin, MD	1:45 pm	Targeted Muscle Reinnervation Steven L. Moran, MD		
9:15 pm	Coffee Break	1:55 pm	Nerve Transfers for Spinal Cord Injury Dan Zlotolow, MD		
	Apurva Shah, MD	2:05 pm	Occupational Therapy for Targeted Muscle Reinnervation		
9:45 am	Clavicle Fractures – Have We Come Full Circle? Theresa Wyrick, MD	2:15 pm	Justine LaPierre, MS, OTR/L, CHT Acute Rehabilitation for Spinal Cord Rehab		
9:55 am	Proximal Humerus Joshua M. Abzug, MD	2:25 pm	Bethany M. Lipa, MD Cases		
10:05 am	Forearm – To Plate or Nail Scott H. Kozin, MD	2:45 pm	Steven L. Moran, MD Coffee Break		
10:15 am	Olecranon Fractures Apurva Shah, MD	Sports Injuries Moderator: Dan Zlotolow, MD			
10:25 am	Wide Awake Surgery for Pediatric Fracture Care Donald Lalonde, MD	3:15 pm	Medial Elbow Injuries/UCL		
10:35 am	Splinting for Humerus and Forearm Fractures Nicole Bickhart, OT, CHT	3:25 pm	Dan Zlotolow, MD TFCC		
10:40 am	Case Presentations Apurva Shah, MD, Haley Jacobs, PA-C, Emily Stankowski, PA-C	3:35 pm	Theresa Wyrick, MD OCD of the Elbow Apurva Shah, MD		
Tendon	•	3:45 pm	Gymnast Wrist Joshua M. Abzug, MD		
Moderator: J 11:00 am	Occupational Therapy Pediatric Tendon Injuries: Are Kids the Same 3:55 pm Occupational Therapy Heather Weesner, OT		Occupational Therapy Heather Weesner, OT, CHT		
11.00 dili	as Adults? – East Coast Perspective Jin Bo Tang, MD	4:05 pm	Discussion/Case Examples Dan Zlotolow, MD		
11:10 am	Wide Awake for Tendon Injuries Donald Lalonde, MD		CONTINUED ON THE NEXT PAGE		





Brachial Plexus Birth Palsy Reconstructive Surgery Moderator: Kevin Little, MD		4:35 pm	Assessment and Treatment of The Hand Beyond Primary Nerve Surgery		
4:15 pm	5 pm Assessment and Treatment of The Elbow Beyond Primary Nerve Surgery Scott H. Kozin, MD		Kevin Little, MD		
		4:45 pm	Occupational Therapy for Elbow, Wrist and Hand Procedures		
4:25 pm	Assessment and Treatment of The Wrist		Jenny Dorich, PhD, OTR/L, CHT		
·	Beyond Primary Nerve Surgery	4:55 pm	Discussion		
	Carley Vuillermin, MD		Scott H. Kozin, MD		
		5:00 pm	Pre-Course Adjourn		



Tendon and Nerve — The 5th Decade: To Infinity and Beyond

The Philadelphia Hand Rehabilitation Foundation is proud to present the 25th Annual Hand Surgery Symposium, which will provide a comprehensive exploration of tried and true, as well as new treatments for the management of diverse upper extremity problems presented by an internationally renowned faculty. Didactic presentations will provide the framework, and cadaver surgery demonstrations will provide the picture of anatomy and techniques of management with unparalleled clarity. Exhibitor sponsored training labs will be offered as in previous years to provide demonstrations and hands-on experience with the latest in technology.

TARGET AUDIENCE: Hand, Orthopaedic, Plastic and General Surgeons, Sports Medicine Physicians, Fellows, Residents, Students, and Physiatrists.

At the conclusion of this activity, the participants will:

- 1. Define and identify conditions of the upper extremity, including tendon and nerve injuries, how to avoid them and how to treat them when they occur.
- 2. Review complex tendon and nerve injuries; recognize appropriate surgical reconstructive options.
- 3. Evaluate and classify these conditions and determine the best course of treatment.
- 4. Explain and perform the varying surgical options for tendon and nerve injuries as well as nerve compressions.
- 5. Explain how to optimize surgical outcomes via appropriate upper extremity rehabilitation principles.

ACCREDITATION

In support of improving patient care, this activity has been planned and implemented by Cine-Med and the Hand Rehabilitation Foundation. Cine-Med is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC), to provide continuing education for the healthcare team.



PHYSICIANS

Cine-Med designates this live activity for a maximum of **28.50 AMA PRA Category 1 Credit(s)** $^{\text{TM}}$. Physicians should only claim credit commensurate with the extent of their participation in the activity.

All other healthcare professionals will receive a Certificate of Participation. For information on the applicability and acceptance of Certificates of Participation for activities designated for *AMA PRA Category 1 Credits™*, consult your professional licensing board.

MEETING AND HOTEL INFORMATION

The Logan Philadelphia, Curio Collection by Hilton

One Logan Square

Philadelphia, Pennsylvania, 19103

Reservations: 844-634-3605 Hotel Direct: 215-963-1500

Room Rate: \$219.00/night.

Deadline for reduced rates: February 23, 2024

HOTEL RESERVATIONS

By phone: Please identify yourself as part of the Hand Rehabilitation Foundation Group when calling the Reservations Center. Call 215-963-1500 and follow the prompts to make a new reservation. Once connected with an agent, you must provide the group code GSHRF.

Book Online: https://bit.ly/HandSurgery2023

2024 FACULTY

Joshua Abzug, MD[§] Timonium, MD

Peter C. Amadio, MD Rochester, MN

Mark E. Baratz, MD Bethel Park, PA

Bobby Chhabra, MDF*
Charlottesville, VA

John R. Fowler, MDPittsburgh, PA

R. Glenn Gaston, MD Charlotte. NC

Thomas J. Gillon, MD Rockledge, PA

Jacques Henri Hacquebord, MD New York, NY

Warren C. Hammert, MD Morrisville. NC

Michael R. Hausman, MD New York, NY

Jonathan E. Isaacs, MD Richmond, VA

Sidney M. Jacoby, MD King of Prussia, PA

Jesse B. Jupiter, MDBoston, MA

Patrick M. Kane, MD Cherry Hill, NJ

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Kenneth A. Kearns, MD King of Prussia, PA

Steven M. Koehler, MD Bronx. NY

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Saint John, Canada

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Sami Tuffaha, MD Baltimore, MD

Carley Vuillermin, MD[§] Boston, MA

Matthew S. Wilson, MD Philadelphia, PA

Theresa O. Wyrick, MD[§]
Mabelvale, AR

David S. Zelouf, MD King of Prussia, PA

Dan A. Zlotolow, MD§ Philadelphia, PA

PEDIATRIC THERAPY FACULTY

Nicole Bickhart, OT, CHT

Jenny Dorich, PhD, OTR/L, CHT

Haley Jacobs, PA-C

Justine LaPierre, MS, OTR/L. CHT

Jaclyn Miley, MS, OTR/L

Sandra L. Schmieg, OTR/L, CHT

Emily Stankowski, PA-C

Heather Weesner, OT, CHT



^{*}Honored Professor \$Pediatric Pre-Course Faculty

25TH ANNUAL HAND SURGERY SYMPOSIUM Tendon and Nerve — The 5th Decade: To Infinity and Beyond

March 16 - 18, 2024

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ddress					
ty, State, Zip					
Mail (Required)					
lephone (Work))		
Concurrent Panels and Labs	Day/Date	Session (Check online for updates to labs and program)	1st Choice	2nd Choice	3rd Choice
Please indicate your	Saturday, March 16	Concurrent Panel 3:30 – 5:30 pm			
irst, second and hird choices in order	Saturday, March 16	Exhibitor Sponsored Training Lab 5:30 pm - 6:30 pm			
of preference for	Sunday, March 17	Exhibitor Sponsored Training Lab 11:30 am - 12:30 pm			
each day of the conference.	Sunday, March 17	Concurrent Panel 3:30 – 5:30 pm			
	Monday, March 18	Exhibitor Sponsored Training Lab 10:30 am - 11:30 pm			
	Regist	ration ON SITE ONLY after March 1, 2024.			FEE
Surgeon/Physician \$1					
Surgeon/Physician with \$50 Donation \$					
Military (Proof of Active Service Required) \$7!					
Allied Health Professional \$85					
Resident/Fellow (Must Include Letter from Chief of Service) \$850					
Pre-Course: Pediatric Upper Extremity for Surgeons and Occupational Therapists \$4					
Ultrasound Post-Course: F	•	stic & Interventional MSK Ultrasound for Hand Surgeons			
Late Fee: Add \$50 to all OI	N SITE registrations.				
Yes! I would like to make a t	ax deductible donation to	Hand Rehabilitation Foundation. \$100 \$50 \$25 Other \$	\$	_	
				TOTAL	
Cancellation Policy: A full r	efund less a \$75 cancellat	tion fee will be issued if written notification is received by Marc	h 1. 2024 No refu	nds after Man	ch 1, 2024

Credit card registrations please register online at www.handfoundation.org/symposia



Please complete this form and mail to:

Hand Rehabilitation Foundation, 120 Huntingdon Pike, Ste 100, Rockledge, PA 19046 Phone 610.768.5958 | Fax 610.768.8887 | hrf@handfoundation.org | www.handfoundation.org **Virtual Syllabus 2024**Watch your email for details!
There will be NO syllabus book.