Cleveland Clinic

In Collaboration with the Department of Orthopaedic Surgery and Lutheran Hospital

17th Annual New Technology in Upper Extremity Surgery: The Cutting Edge
With Advancing Translational Research

June 4-6, 2017
Lutheran Hospital, a Cleveland Clinic hospital
Castele Learning Center, Cleveland, Ohio
17th Annual New Technology in Upper Extremity Surgery:
The Cutting Edge
Advancing Translational Research
June 4 – 6, 2017
Castele Learning Center
Lutheran Hospital, a Cleveland Clinic hospital

General Information

Course Description
This program will demonstrate new techniques and instrumentation for shoulder, elbow, wrist and hand reconstruction and provide a valuable international forum for global scientific exchange among surgeons and researchers who are interested in hand and wrist biomechanics and its clinical applications.

Target Audience
This course is designed for practicing orthopaedic surgeons, hand and upper extremity, plastic surgeons, orthopaedic surgery residents/fellows, physician assistants, occupational therapists, physical therapists, registered nurses, orthopaedic surgery assistants, scrub technologists, surgical assistants, orthopaedic technicians, scientists/engineers (biomechanics of the hand/wrist).

Course Objectives
• Compare and contrast the spectrum of techniques currently available for upper extremity reconstruction
• Define alternative techniques for reconstruction of hand, wrist, elbow and shoulder
• Discuss the role of the acute prosthetic replacement
• Discuss the role of the acute prosthetic replacement management of upper extremity problems
• Identify and review the latest research on hand and upper extremity biomechanics from around the globe

Accreditation Statement
The Cleveland Clinic Foundation Center for Continuing Education is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

The Cleveland Clinic Foundation Center for Continuing Education designates this live activity for a maximum of 11.75 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Participants claiming CME credit from this activity may submit the credit hours to the American Osteopathic Association for Category 2 credit.

Faculty Disclosure
The Cleveland Clinic Foundation Center for Continuing Education has implemented a policy to comply with the current Accreditation Council for Continuing Medical Education Standards for Commercial Support requiring resolution of all faculty conflicts of interest. Faculty declaring a relevant commercial interest will be identified in the activity syllabus.
Faculty

Program Director

William H. Seitz, Jr., MD
President, American Society for Surgery of the Hand
Professor of Orthopaedic Surgery
Cleveland Clinic Lerner College of Medicine of CWRU
Chair, Division of Orthopaedic Surgery at Lutheran
Orthopaedic & Rheumatologic Institute
Cleveland, Ohio

Co-Director

Zong-Ming Li, PhD
Biomedical Engineering, Orthopaedic Surgery, Physical
Medicine and Rehabilitation
Cleveland Clinic
Cleveland, Ohio

Robert H. Abole, MD
Hand and Upper Extremity Surgery
Erie County Medical Center
Buffalo, New York

J. Robert Anderson, MD
Department of Orthopaedic Surgery
University Hospitals – Cleveland Medical Center
Cleveland, Ohio

Hisham Awan, MD
Assistant Professor
Department of Orthopaedic Surgery
Ohio State University
Columbus, Ohio

B. Todd Bafus, MD
Hand and Upper Extremity Surgery
MetroHealth Medical Center
Cleveland, Ohio

Nancy A. Baker, SCD, MPH, OTR/L
Associate Professor
Department of Occupational Therapy
University of Pittsburgh
Pittsburgh, Pennsylvania

Lee Berger, MD
Clinical Associate Professor
Department of Orthopaedic Surgery
Seton Hall University School of Health and Medical
Sciences
South Orange, New Jersey

Kyle J. Chepla, MD
Hand and Wrist Surgery
MetroHealth Medical Center
Cleveland, Ohio

Edward Diao, MD
Professor Emeritus of Orthopaedic Surgery and
Neurosurgery
University of California, San Francisco
Chief of Hand Surgery
California Pacific Medical Center
San Francisco Surgery Center
San Francisco, California

Peter J. Evans, MD, PhD
Director, Upper Extremity Center
Orthopaedic and Rheumatologic Institute
Cleveland Clinic
Cleveland, Ohio

Robert Gillespie, MD
Department of Orthopaedic Surgery
University Hospital Case Medical Center
Cleveland, Ohio

A. Seth Greenwald, DPhil(Oxon)
Director
Orthopaedic Research Laboratories
Cleveland, Ohio

Warren C. Hammert, MD
Professor of Orthopaedic and Plastic Surgery
University of Rochester Medical Center
Rochester, New York

Mark Hendrickson, MD
Hand and Wrist Surgery
Cleveland Clinic
Cleveland, Ohio

Harry A. Hoyen, MD
Hand and Upper Extremity Surgery
MetroHealth Medical Center Cleveland, Ohio
Joseph P. Iannotti, MD, PhD
Chairman, Orthopaedic and Rheumatologic Institute
Cleveland Clinic
Cleveland, Ohio

Joseph P. Iannotti, MD, PhD
Chairman, Orthopaedic and Rheumatologic Institute
Cleveland Clinic
Cleveland, Ohio

Jack Ingari, MD
Assistant Professor of Orthopaedics
Johns Hopkins University
Baltimore, Maryland
Sanjeev Kakar, MD  
Professor of Orthopaedics  
Mayo Clinic  
Rochester, Minnesota

Donald Lalonde, MD  
Professor Surgery  
Dalhousie University  
Saint John, New Brunswick, Canada

Jeffrey N. Lawton, MD  
Associate Professor  
Chief, Division of Elbow, Hand and Microsurgery  
University of Michigan Department of Orthopaedic Surgery

Donald H. Lee, MD  
Professor of Orthopaedic Surgery  
Vanderbilt University  
Nashville, Tennessee

John D. Lubahn, MD  
Hand, Microsurgery and Reconstructive Orthopaedics  
Erie, Pennsylvania

Kevin Malone, MD  
Department of Orthopaedic Surgery  
University Hospitals - Cleveland Medical Center  
Cleveland, Ohio

Steven Maschke, MD  
Upper Extremity Center  
Cleveland Clinic  
Cleveland, Ohio

Robert J. Neviaser, MD  
Professor of Orthopaedic Surgery  
Chairman Emeritus  
Department of Orthopaedic Surgery  
George Washington University School of Medicine and Health Sciences  
Washington, DC

Kagan Ozer, MD  
Associate Professor of Orthopaedic Surgery  
University of Michigan  
Department of Orthopaedics 2098 South Main Street  
Ann Arbor, Michigan

Rick F. Papandrea, MD  
Hand and Upper Extremity Surgery  
Waukesha, Wisconsin

Paul D. Paterson, MD  
Hand and Upper Extremity Surgery  
Excelsior Orthopaedics  
Buffalo, New York

Eric Ricchetti, MD  
Upper Extremity Center  
Cleveland Clinic  
Cleveland, Ohio

Melvin P. Rosenwasser, MD  
Robert E. Carroll Professor of Orthopaedic Surgery  
Director, Orthopaedic Hand and Trauma Service  
Columbia University Medical Center  
New York, New York

Patty Shimko, OTR/L  
Occupational Therapy  
Cleveland Clinic  
Cleveland, Ohio

Shafic Sraj, MD  
Assistant Professor  
Hand and Upper Extremity Surgery  
Department of Orthopaedics  
West Virginia University  
Weston, West Virginia

Yuji Umeda, MD  
Department of Orthopaedic Surgery  
Cleveland Clinic  
Cleveland, Ohio

Thomas F. Varecka, MD  
Director of Hand and Microsurgery  
Hennepin Medical Center  
Minneapolis, Minnesota
Agenda

Sunday, June 4, 2017 – NON-CME

12:00-2:00 p.m. Alan Wilde Resident and Fellow Research Symposium
Castele Learning Center
Lutheran Hospital, 1730 West 25th Street, Cleveland, OH 44113

Monday, June 5, 2017

6:30 a.m. Breakfast and Registration
7:20 a.m. Welcome/Introduction/Opening Remarks
William H. Seitz, Jr., MD
Lutheran Hospital

Session I Hand and Wrist
Moderators: Sanjeev Kakar, MD and Warren Hammert, MD

7:30 a.m. Biomechanics of median nerve compression and decompression in the carpal tunnel
Zong-Ming Li, PhD

7:45 a.m. Wide awake DuPuytren’s surgery – why and how?
Warren Hammert, MD

8:00 a.m. Update on radial club hand. Vilkii procedure with microvascular toe transfer
Robert Anderson, MD

8:15 a.m. Hand transplantation
Mark Hendrickson, MD

8:30 a.m. Upper extremity transplantation at Johns Hopkins
Jack Ingari, MD

8:45 a.m. Basal joint arthroplasty: osteochondral allografting for trapezium resurfacing. Bending the cartilage to fit
Melvin P. Rosenwasser, MD

9:00 a.m. Early protected movement and pain guided therapy in K wired finger fractures
Donald Lalonde, MD

9:15 a.m. Discussion
9:30 a.m. Break
9:45 a.m. Presentation of Alan Wilde Award Paper – First Place Winner
A. Seth Greenwald, DPhil (Oxon)

9:55 a.m. Discussion
### Session II  Wrist

**Moderators:** Melvin Rosenwasser, MD and Edward Diao, MD

10:00 a.m. **The mysteries of SLAC wrist**  
Edward Diao, MD

10:15 a.m. **Scapholunate reconstruction in 2017 – What new**  
Sanjeev Kakar, MD

10:30 a.m. **SLAC wrist; what should we do?**  
Peter J. Evans, MD, PhD

10:45 a.m. **Vascularized bone grafting**  
Jeffrey Lawton, MD

11:00 a.m. **The pharmacology of non-union**  
Thomas Varecka, MD

11:15 a.m. **Plate fixation options for distal radial fractures**  
Donald Lee, MD

11:30 a.m. **New device for tendon repair in Zone 2 and beyond. Why suture when you can staple?**  
Melvin P. Rosenwasser, MD

11:45 a.m. **Discussion**

12:00 p.m. **2017 Anita Moss Lecture**  
**Moderator:** Patty Shimko, OTR/L  
**Speaker:** Donald Lalonde, MD  
**Topic:** Big changes, better results in hand therapy and surgery

12:35 p.m. **Break**  
Boxed lunches will be provided to eat during Session III

### Session III  New Technology – Hand, Wrist, Forearm and Elbow

**Moderators:** Robert Ablove, MD and Rick Papandrea, MD

12:50 p.m. **Management of complex post traumatic elbow instability**  
Robert Ablove, MD

1:05 p.m. **Safety of a 2-incision distal biceps repair using an endobutton**  
Hisham Awan, MD

1:20 p.m. **Anatomic axis of the distal humerus**  
Harry Hoyen, MD

1:35 p.m. **Infected nonunions of the upper extremity: presentation of 10+ intractable nonunion cases**  
Kagan Ozer, MD

1:50 p.m. **Arthroscopic elbow fracture fixation**  
Rick Papandrea, MD
2:05 p.m. Cement techniques and current limitation in TEA
   Steve Maschke, MD
2:20 p.m. Discussion
2:35 p.m. Question and Answer
2:50 p.m. Meeting Adjourned

3:00-6:00 p.m. Optional Non-CME Workshops
   Wet Lab – Surgeons
   Optional Non-CME Workshop – Occupational Therapists
   “Ask a Seasoned Therapist”:
   • Splint demos
   • Bring a splint to discuss
   • Case management protocols
   • Dealing with complicated orthopaedic issues
   • Bring a case to discuss

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Tuesday, June 6, 2017

6:30 a.m. Breakfast and Registration
7:30 a.m. Shoulder
   Case Presentations
   Moderator: William H. Seitz, Jr., MD

Session IV Shoulder
   Moderators: Robert Neviaser, MD and Paul Paterson, MD
8:15 a.m. Novel technique at managing massive bone loss in humeral shaft nonunions
   Kevin Malone, MD
8:30 a.m. Pathogenesis of glenoid deformity in OA of the shoulder
   Joseph Iannotti, MD, PhD
8:45 a.m. In Vivo analysis of a Novel Patch for the Management of Irreparable Rotator Cuff Tears
   Robert Gillespie, MD
9:15 a.m. CT analysis of glenoid component shift and loosening following anatomic TSA
   Eric Ricchetti, MD
9:30 a.m. Subscapularis sparing transhumeral approach
   Paul Paterson, MD
9:45 a.m.  Coracoid and conjoined tendon transfer for symptomatic unstable distal clavicle resection
Robert Neviaser, MD

10:00 a.m. Discussion

10:15 a.m. Break

9:45 a.m.  Presentation of Alan Wilde Award Paper – Second Place Winner
Zong-Ming Li, PhD

9:55 a.m. Discussion

Session V  Upper Limb Potpourri
Moderators: Thomas Varecka, MD and John D. Lubahn, MD

10:30 a.m. Distal humeral fractures in the elderly: complications (and how to prevent them?)
Thomas Varecka, MD

10:45 a.m. Behavior activation in the treatment of chronic pain
Nancy Baker, ScD

11:00 a.m. New techniques for surgical management/prosthetic reconstruction of upper limb amputation patients
Kyle Chepla, MD

11:15 a.m. The torn distal biceps tendon: choices and controversies
Shafic Sraj, MD

11:30 a.m. Ulnar nerve subluxation: When to transpose, when to ignore
John D. Lubahn, MD

11:45 a.m. Detection of infection with the nanosensors
Lee Berger, MD

12:00 p.m. Discussion

12:15 p.m. Questions and Answers

12:30 p.m. Break
Boxed lunches will be provided

Monday, June 5, 2017
Workshops – Non-CME – Space is limited.
Course reserves the right to cancel
3:00-6:00 p.m.

Tuesday, June 6, 2017
Workshops – Non-CME – Space is Limited
Course reserves the right to cancel
12:45 – 3:45 p.m.
Registration information

(price, website to register – registration pages online at [clevelandclinicmeded.com/live/courses/clevelandhand/default.asp](http://clevelandclinicmeded.com/live/courses/clevelandhand/default.asp))

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**Americans with Disabilities Act**

The Cleveland Clinic Foundation Center for Continuing Education fully intends to comply with the legal requirements of the Americans with Disabilities Act. If you need assistance, please notify the Castele Learning Center at 216.523.7021 at least two weeks prior to the activity.

**Hotel Reservations**

Hotel reservations must be made directly with The Hilton Garden Inn Cleveland Downtown by telephone. Reservations Number: 877.782.9444

All reservations must be guaranteed by with a credit card.

Hilton Garden Inn Downtown Cleveland, 1100 Carnegie Avenue, Cleveland, Ohio 44115

Online: [clevelandddowntown.stayhgi.com](http://clevelandddowntown.stayhgi.com)