



# 2009 37th Annual Meeting

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*W*elcome to the Society's  
37th Annual Meeting.

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*Visit the Society's website*

**[www.nehand.org](http://www.nehand.org)**

*for abstract posting, news and  
information, updates and more.*

**December 4, 2009**

Registration & Breakfast 7:00 a.m.

Program 8:00 a.m. - 4:30 p.m.

Sturbridge Host Hotel - Sturbridge, MA

# Schedule of Events

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**7:00 AM-8:00 AM Registration**

**Continental Breakfast/Exhibitors - Cheshire/Danforth**

**8:00 - 8:10 AM Welcome & Introductions -Andrew E. Caputo MD and David Bass MD**

## **MORNING SESSION**

**Early Morning Moderators: Samuel Scott MD and Mary Drake OTR/L,CHT**

**Late Morning Moderators: Daniel Mastella MD and Pam Wilson OTR/L,CHT**

**8:10 - 8:25 AM Elbow Forearm**

Fascial Augmentation Tenorrhaphy

*Courtney Dawson MD and Chaitanya Mudgal MD*

Non-operatively Treated Fractures of the Anteromedial Facet of the Coronoid

*Thierry Guitton MD, J. Huub van der Werf, MS and David Ring MD*

**8:25 - 9:00 AM Nerve**

\*Carpal Tunnel Syndrome: Examining the Role of Clinical and Neurodiagnostic Factors in the Decision of Operative Management

*Erika McPhee MD, Teri Kleinberg, Patricia Franklin MD, Wnyun Yang MS, Faren Williams MD and Marci Jones MD*

Abductor Digiti Minimi Flap in Recurrent Carpal Tunnel Syndrome

*J. Alan Chambers MD, James Monica MD and Jesse Jupiter MD*

Radial Nerve Compression at the Elbow

*Lionel Brown MD John Lunt MD and John Thomas MD*

**9:00 - 9:30 AM Reconstructive**

Experimental Model of Trigger Finger in a Human Cadaveric Hand

*Kristina Liu, J. Grant Thomson, MSc MD*

\*Free Vascularized Fibula Grafts

*Lewis Shi MD, Joseph Konopka BA, Gen Wen MD, Qiaojie Wang MD, Yimin Chai MD and Jesse Jupiter MD*

\*Acellular Dermal Matrix Use in Dupuytren's Disease

*Michael Terri MD, Carolyn Goldberg BA, Deena Abbate RN and Deepak Narayan MD*

**9:30 - 10:00 AM Break/Exhibitors Continental Breakfast - Cheshire/Danforth**

**10:00 - 11:00 AM**

## **Guest Presentation**

**“Evidence-based Medicine: Integrating the Art and Science of Surgery”**

*Guest Speaker - Kevin Chung, MD -University of Michigan-Section of Plastic Surgery*

**11:00 AM-11:30 AM Wrist**

Physical Examination and X-ray Interpretation of Carpal Anatomy in Orthopaedic and Emergency Medicine Physicians

*Robin Leger PhD, Craig Rodner MD, Glen Russo MS and Randy Olson MD*

Design Specific Analysis of the Flexor Tendon Ruptures After Volar Plating of the Distal Radius

*Maximillian Soong MD and Gavin Bishop MD*

\*Clinical Impact of United vs. Ununited Fractures of the Proximal Half of the Ulnar Styloid following Volar Plate Fixation of the Distal Radius

*Geert Buijze MD and David Ring MD*

\*Integrity of Pronator Quadratus Repair After Volar Plating of Distal Radius Fractures

*Victoria Bruegel MD, Seth Dodds MD, Monique Grey MD, Carrie Swigart MD and Mary Badon BA*

**11:30 AM - Noon General Papers**

\*Analysis of Treatment Patterns of Metacarpal Fractures

*Steven Ugras MD, Jonathan Fugo MD and Marci Jones MD*

Less is More: Percutaneous Release for the Treatment of Chronic Lateral Epicondylitis

*Richard Manzo MD and Hervey Kimball MD*

Dynamic Splinting with Early Range of Motion Following Zone 5 Extensor Tendon Repair

*Katherine Russo OTR-L CHT, Grace Wong MD, Chaitanya Mudgal MD*

Self-Inflicted Injuries to the Hand: Complex Reconstruction in a Challenging Population

*Brian Allen MD and Alan Babigian MD*

*\*indicates Founder's Award consideration*

**12:00-12:45 PM**

**Lunch Atrium Area**

**12:45 -1:45 PM**

**Exhibit Hall Open & Refreshments - Cheshire/Danforth**

**NEHS Business Meeting - Ballroom**

**1:00PM - 1:45PM**

**Hand Therapy Round Table Discussions - Commons Room**

*Donna Pepe, OTR/L, CHT - Hand Therapy Round Table Chairperson*  
Triangular Fibrocartilage Complex *Nancy Beaman, MBA,OTR/L,CHT*  
Athletic Taping of the Wrist and Hand for Hand Therapists *Debbie Gardiner, PT,ATC,CHT*  
A New Approach to TENS: Does it Facilitate Nerve Regeneration *Michael Konstans, MS, COTA*  
Radiocarpal Joint Protection Techniques: A Pilot Study Using EMG *Janet Lissak, MOT,OTR/L,CHT*  
Differential Diagnosis and Treatment Overview of Brachial Plexopathies *Robert Ross, MPT,CHT,CT*

**1:45 - 2:45 PM**

**Symposium**

**“Treatment Paradigms for Common Hand Conditions Treated by Rheumatologists”**

**Guest Speaker - Jonathan Kay, MD**

*Director of Clinical Research, Rheumatology, UMass Memorial Medical Center*

**NEHS Member Panelists**

**Lionel Brown, MD and Cynthia Phillips, MA, OTR,L,CHT**

**AFTERNOON SESSION Moderators: Andrew E. Caputo, MD and Robin Sklar, OTR/L, CHT**

**2:45 PM Founder’s Award Presentation**

**3:00 - 4:30 PM Case Reports and Other Papers**

A Two Year Analysis of an International Surgical Intervention for Hand and Upper Extremity Disorders in San Pedro Sula, Honduras: Barriers to Care and the Development of a Quality Measurement Instrument

*Laura Tom BS, Raj Sawh BS and J. Grant Thomson MsC MD*

Ulnar Shortening Osteotomy using a Synthes Compressor Apparatus

*Erik Bergquist MD, Lance Warhold MD and Nelson Jenkins MD*

Mycobacterial hand infections occurring postoperatively in patients treated with TNF inhibitors for inflammatory arthritis: report of three cases and review of the literature

*Andrea Bauer MD, Philip Blazar MD, Brandon Earp MD and Barry Simmons MD*

Atypical Mycobacteria Infection in the Hand Treated with Excision and Pulley Reconstruction

*Terrill Julien MD, Andrew Rosenberg MD and Jesse Jupiter MD*

Case Report: Giant Lipoma Causing Radial Nerve Compression in the Proximal Forearm

*Russell Babbitt, III MD and Douglas Rothkopf MD*

Management of Aggressive Digital Papillary Adenocarcinoma: A Rare Sweat Gland Tumor

*Shanel Bhagwandin DO, Douglas Rothkopf MD and Richard Montilla MD*

Brodie’s Abscess of the Hand: An Unusual Case Report

*Andres Sarraga MD, Lydia Helliwell BS and Douglas Rothkopf MD*

Nerve Transfers for Brachial Plexus Reconstruction

*Alexis Roettinger MD and Daniel Mastella MD*

Pseudoaneurysm of the Hand in a Three Year Old Boy: A Rare Post-traumatic Phenomenon

*Christopher Hughes MD, Christopher Binette MD and Alan Babigian MD*

Metacarpal Distraction Lengthening Without Boane Grafting: A Case Example

*Britt Colebunders MD and Michael Matthew MD*

Idiopathic Hand Fibrosis: A Case Report

*Christopher Spock, Carolyn Goldberg, Shawn Cowper MD, Quratulain Masood and Deepak Narayan MD*

“ON-Q PainBuster” Use in Hand Surgery

*Kelly Babineaux MD, J. Grant Thomson MsC MD and Michael Matthew MD*

Finklestein Revisited

*Courtney Dawson MD and Chaitanya Mudgal MD*

Treatment of Symptomatic Distal Interphalangeal Joint Arthritis with Percutaneous Arthrodesis: A Novel Technique in Select Patients

*David Ruchelsman MD, Antony Hazel BS and Chaitanya Mudgal MD*

Difficult Management of a Rare Disease: Pseudosyndactyly in Recessive Dystrophic Epidermolysis Bullosa

*Carolyn Vaughn MSIV, Richard Montilla MD and Raymond Dunn MD*

To Fuse or Not to Fuse: A 36 Year Follow-up on a Scapholunate Advanced Collapse (SLAC) Wrist Reconstruction

*Peter Sarkos DO and H. Kirk Watson MD*

The Effects of Edema & Self Adhesive Wrap on the Work of Flexion in a Cadaveric Hand

*Samuel Buonocore MD, Rajendra Sawh, Kristina Liu, J. Grant Thomson MsC MD*

# Exhibitors

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The New England Hand Society gratefully acknowledges the support of our participating exhibitors. Please take time during the breaks to visit them in the Exhibit Hall area.

## **EXHIBITORS**

**AM Surgical**

**AxoGen, Inc.**

**Ascension**

**Aptis**

**Cormack Medical**

**DePuy/DJD**

**Dynasplint Systems, Inc.**

**Hologic**

**Integra**

**IQMD**

**Joint Active Systems, Inc.**

**Joint Chief Surgicals**

**Medartis, Inc.**

**Microaire Surgical Instruments**

**OsteoMed**

**SurgiTech/Stryker**

**Tornier**

**Trimed**

# Executive Board

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## **President**

Andrew E. Caputo, M.D. email: aecaputo@comcast.net  
Hartford, CT (860)549-8266

## **Vice President(President-Elect)**

David Bass, M.D. email: dmbassmd@aol.com  
Hartford, CT (860)247-3479

## **Secretary/Treasurer**

David Ring, M.D. email: dring@partners.org  
Boston, MA (617)724-3953

## **Membership**

Samuel Scott, M.D. email: drscott@maine.rr.com  
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## **Therapist Liasion**

Mary Drake, OTR/L/CHT email: mdrake01@harthosp.org  
Hartford, CT (860)545-5130

*For questions, comments or additional information regarding the New England Hand Society, please contact Susan Schaffman, Administrator:*

*(860)561-5205 phone  
(860)561-5514 fax  
sashops@aol.com*

## **CME Information**

This activity has been planned and implemented in accordance with the Essentials and Standards of the Connecticut State Medical Society through the joint sponsorship of the Hospital of Saint Raphael and the New England Hand Society.

The Hospital of Saint Raphael is accredited by the CSMS to provide continuing medical education for physicians and designates this continuing medical education activity for a maximum of 7.0 AMA PRA Category 1 Credits<sup>™</sup>. Physicians should claim credit commensurate with the extent of their participation in the activity.

*The Hospital of Saint Raphael strives to ensure that all educational programs are presented in an objective manner and offer material based on scientific knowledge. All faculty participating in continuing medical education programs are required to disclose to audiences any real or apparent commercial financial affiliations or conflicts of interest related to the content of their presentations/materials. Further, speakers are required to disclose any intent to discuss the off-label uses of any drugs or devices or products that are still investigational.*

**CME Certificates will be available at the close of the meeting. You must drop off BOTH evaluation forms to receive your certificate at the Registration Table.**

**Thank You.**

# Guest Speakers

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**10:00 - 11:00 a.m.**

**Kevin Chung, MD**  
**University of Michigan - Section of Plastic Surgery**

*“Evidence-Based Medicine: Integrating the Art and Science of Surgery”*

Objectives:

Understand the Current Theories on Evidence-Based Medicine

Apply the Concept of Evidence-Based Medicine to Practice

Enhance the Care of Patients Through Evidence-Based Data

*Kevin Chung, MD*, is a board certified general, hand and plastic surgeon practicing in Ann Arbor, Michigan. He is active at the University of Michigan serving as a faculty member and on various boards and committees.

Dr. Chung has served in many academic, administrative and clinical appointments and has received numerous research grants where he served as principal investigator. He is active in the American Association of Hand Surgery, American Society of Plastic Surgeons, American College of Surgeons and American Society for Surgery of the Hand.

Dr. Chung has received many top honors including most recently the Weiland Medal Award from the American Society for Surgery of the Hand, the first recipient to honor a hand surgeon scientist who has contributed a body of research that advances the field. His volunteer service abroad has been extensive serving as Visiting Educator in Cambodia, Vietnam, China, Puerto Rico and Peru.

Dr. Chung received his medical degree from Emory University School of Medicine, his fellowship in hand surgery and Curtis National Hand Center and a fellowship in plastic surgery from the University of Michigan.

*Dr. Chung receives funding from the National Institutes of Health and Integra Corporation.*

**1:45 - 2:45 p.m.**

**Jonathan Kay, MD**  
**Director of Clinical Research, Rheumatology,**  
UMass Memorial Medical Center

*“Treatment Paradigms for Common Hand Conditions Treated by Rheumatologists”*

Objectives:

Understand the Treatment Recommendations of Rheumatologists

Apply the Management of the Recommended Treatment Recommendations to Patients

*Jonathan Kay, MD*, is a board certified rheumatologist and internist at UMass Memorial Medical Center in Boston, Massachusetts, where he serves as Director of Clinical Research for the Division of Rheumatology.

Dr. Kay has served in many academic, administrative and clinical appointments and is active in the American College of Rheumatology where he is a member of the Task Force on Criteria for Early Rheumatoid Arthritis. In addition, he chairs the World Health Organization’s Rheumatology Working Group.

Dr. Kay is an Ad Hoc Reviewer for numerous professional journals and serves on the Editorial Board for the Journal of Clinical Rheumatology and Clinical and Experimental Rheumatology.

He is the recipient of the Charles Burnett Special Recognition Award for his dedication to the teaching of resident students at Massachusetts General Hospital.

Dr. Kay received his medical degree from the University of California in San Diego, completed his residency at the Hospital of the University of Pennsylvania and his fellowship at Brigham & Women’s Hospital in Massachusetts.

*Dr. Kay has received grant support from Centocor, Genentech, Novartis and Pfizer.*

**Please complete BOTH Speaker Evaluation Forms and return to the Registration Table to receive your CME Certificate at end of the day.**

**Thank You.**