

3rd Annual USC Multi-Disciplinary Approach to Lymphedema and Related Disorders Symposium



Keck School of Medicine of **USC**

CONCURRENT PROGRAM:
**Advancements in Wound Care
and Limb Salvage**



Saturday, June 25, 2022
Loews Santa Monica Beach Hotel
Hybrid Conference

A Multi-Disciplinary Approach to Lymphedema and Related Disorders

June 25, 2022

- 6:45 am **Registration**
- 7:15 am **Virtual Login Begins**
- 7:30 am **Introduction**
Ketan M. Patel, MD and Kimiko A. Yamada, PT, DPT, OCS, CLT
- Oncology and Research**
Moderators: David W. Chang, MD and Ketan M. Patel, MD
- 7:40 am **The Advent of Lymphedema's Modern Era**
William Repicci, MA
- 8:00 am **From Bench to Bedside: Future of Translational Lymphedema Research**
Alex K. Wong, MD
- 8:20 am **Oncologic Advancements in Regional Lymph Node Surgery**
Stephen F. Sener, MD
- 8:40 am **Q&A**
- Imaging and Diagnostic Studies**
Moderators: Alex K. Wong, MD and Minnie Jan, PT, DPT, OCS
- 9:10 am **Alternative and Modern Diagnostic Tools**
Ara A. Salibian, MD
- 9:30 am **Lymphoscintigraphy and Interpretation**
Patrick M. Colletti, MD
- 9:50 am **Interventional Imaging and Lymphatic Techniques**
Ramon Ter-Oganesyan, MD
- 10:10 am **Q&A**
- 10:30 am **Break**
- Therapy and Manual Drainage**
Moderator: Emily Iker, MD
- 10:40 am **Risk Mitigation and Lymphedema Management Across the Continuum of Care**
Christina Shin, OTD, OTR/L, CLT-LANA
- 11:00 am **Therapy Focused Clinical Practice Guidelines for Lymphedema Management**
Kimiko A. Yamada, PT, DPT, OCS, CLT and Marisa Perdomo, PT, DPT, OCS, CLT
- 11:20 am **Deep Abdominal MLD**
Emilia Dewi, OTR, OTD, CLT-LANA
- 11:40 am **Q&A**
- 12:00 pm **Lunch**
- Lipedema**
Moderator: Philip Brazio, MD
- 1:00 pm **Clinical Diagnosis and Patient Evaluation**
Emily Iker, MD
- 1:20 pm **Our Current Understanding and Future Research**
Karen L. Herbst, MD, PhD
- 1:40 pm **Surgical Management Strategies**
Jaime S. Schwartz, MD
- 2:00 pm **Q&A**
- Surgery**
Moderators: Maurice Nahabedian, MD & Christina Shin, OTD, OTR/L, CLT-LANA
- 2:30 pm **Basics of Lymphedema Surgery**
Edward I. Chang, MD
- 2:50 pm **Venous Surgery for the Edematous Extremity**
William M. Lee, MD
- 3:10 pm **Changing Thoughts on Lymphedema Etiology and Implications for Perioperative Management**
Kim Marshall, DPT, CLT
- 3:30 pm **Q&A**
- 3:40 pm **Break**
- Advances in Treatment**
Moderators: Stephen F. Sener, MD and Maurice Nahabedian, MD
- 3:50 pm **Understanding Post-Traumatic Lymphedema**
Philip Brazio, MD
- 4:10 pm **Combined Surgical Treatments for Lymphedema**
David W. Chang, MD
- 4:30 pm **Innovations in Lymphedema Treatment**
Ming-Huei Cheng, MD, MBA
- 4:50 pm **Q&A / Closing Remarks**
- 5:00 pm **Adjourn**

Advancements in Wound Care and Limb Salvage

June 25, 2022

PROGRAM

- 6:45 am **Registration**
- 7:15 am **Virtual Login Begins**
- 7:30 am **Introduction**
Stephanie Woelfel, PT, DPT, CWS and Laura Shin, DPM, PhD
- Diabetic Foot Wounds**
Moderator: David G. Armstrong, DPM, MD, PhD
- 7:40 am **Importance of Offloading for Healing the DFU**
Jeff Thompson, PT, DPT
- 8:00 am **Wound Management Strategies for the Patient with a DFU**
Terry G. Richardson, II, PT, DPT
- 8:20 am **Hyperbaric Medicine: Science and Indications**
John S. Gambol, MD
- 8:40 am **Q&A**
- Venous Wounds and Edema**
Moderator: Stephanie Woelfel, PT, DPT, CWS
- 9:10 am **Venous Edema and the Role for Exercise**
Claire Al-Rayess, PT, DPT, CWS
- 9:30 am **Edema and Wound Management Strategies**
Edwin Monroy, PT, DPT, CLT, CWS
- 9:50 am **Venous Surgery: Indications and Outcomes**
William M. Lee, MD
- 10:10 am **Q&A**
- 10:30 am **Break**
- Surgical Management of the LE Wound**
Moderator: David G. Armstrong, DPM, MD, PhD
- 10:40 am **Biomechanical Considerations and Surgical Correction**
Laura Shin, DPM, PhD
- 11:00 am **Osteomyelitis and Infection Management**
Darren W. Wong, MD
- 11:20 am **When to Consider Flaps for Coverage?**
JP Hong, MD
- 11:40 am **Q&A**
- 12:00 pm **Lunch**
- Vascular and Reconstructive Options**
Moderator: John S. Gambol, MD
- 1:00 pm **Advancements in Interventional Treatments for Limb Ischemia**
Gregory Magee, MD
- 1:20 pm **Functional Amputations: Techniques and Outcomes**
Vincent L. Rowe, MD
- 1:40 pm **Mobility Considerations and Splinting in Perioperative Period**
Angela Kwan, PT, DPT, CWS
- 2:00 pm **Q&A**
- Beyond Wound Care**
Moderator: David G. Armstrong, DPM, MD, PhD
- 2:30 pm **Adjunctive Technologies in Wound Infection Management**
Stephanie Woelfel, PT, DPT, CWS
- 2:50 pm **Coding and Billing in the Modern Era of Wound Care**
John S. Gambol, MD
- 3:10 pm **Orthotic Technologies**
Chuck DuBourdieu, CPO
- 3:30 pm **Q&A**
- 3:40 pm **Break**
- Challenging Cases**
Moderator: Laura Shin, DPM, PhD
- 3:50 pm **Orthopedic Perspective**
Eric W. Tan, MD
- 4:10 pm **Plastic Surgery Perspective**
Rob Travieso, MD
- 4:30 pm **Wound Management Perspective**
Stephanie Woelfel, PT, DPT, CWS
- 4:50 pm **Q&A / Closing Remarks**
- 5:00 pm **Adjourn**

COURSE DESCRIPTION

Lymphedema is a progressive, chronic condition that affects a significant number of cancer survivors but also many in the general population. There is no true cure for lymphedema, but it can be managed with appropriate medical, surgical, and therapeutic approaches. Unfortunately, many patients receive inadequate treatment, are unaware of treatments available, and lack resources on where to seek help. The multi-disciplinary approach to lymphedema and lipedema allows patients to receive up-to-date treatment options, self-management techniques, and appropriate diagnostic testing for additional treatment plans.

The symposium has been designed to educate providers and allied health professionals on the diagnosis and treatments available for patients with lymphedema and related disorders. There is also the option to examine a variety of wound care disorders, treatment considerations and treatment practices. Between the two concurrent programs highlighting lymphedema and its related disorders and wound care and limb salvage, attendees can broaden awareness on a multi-disciplinary approach to improve patient and functional outcomes.

EDUCATIONAL OBJECTIVES

By the end of the course, participants will be able to:

- Outline the diagnosis and treatments available for patients with lymphedema and other related disorders.
- Discuss the roles of a multi-disciplinary team and their contributions to improved patient and functional outcomes for patients with lymphedema and other related disorders.
- Identify gaps in clinical knowledge and assess ways to improve our clinical expertise.
- Identify barriers or risk reduction opportunities for wound care patients.

TARGET AUDIENCE

This course is intended for vascular and plastic surgeons; medical, radiation and breast oncologists; primary care physicians; occupational and physical therapists; wound care therapists; orthopedic foot specialists; and other allied health professionals.

ACCREDITATION STATEMENT

The Keck School of Medicine of the University of Southern California is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians

Division of Biokinesiology and Physical Therapy is accredited by the Physical Therapy Board of California to provide continuing education credits for physical therapists.

CREDIT DESIGNATION

The Keck School of Medicine of the University of Southern California designates this live activity for a maximum of *8.25 AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

The following may apply *AMA PRA Category 1 Credit(s)™* for license renewal: Registered Nurses may report up to 8.25 credit hour(s) toward the CME requirements for license renewal by their state Board of Registered Nurses (BRN). CME may be noted on the license renewal application in lieu of a BRN provider number. Physician's Assistants: The National Commission on Certification of Physicians' Assistants states that *AMA PRA Category 1 Credits™* accredited courses are acceptable CME requirements for recertification.

Division of Biokinesiology and Physical Therapy designates this live activity for a maximum of .8 CEU's. Physical Therapists should claim only the credit commensurate with the extent of their participation in the activity.

Occupational therapists may claim continuing education credit commensurate with the extent of their participation in the activity. A list of activities that qualify can be found <https://www.bot.ca.gov/>, or refer to your state's licensing board.

FACULTY

Chairperson

Ketan M. Patel, MD

Associate Professor
Director, Center for Advanced Lymphedema Treatment & Surgery
Division of Plastic Surgery, Department of Surgery

Course Directors

Christina Shin, OTD, OTR/L, CLT-LANA

Senior Occupational Therapist
Department of Occupational Therapy
Keck Medical Center of USC

Laura Shin, DPM, PhD

Assistant Professor of Clinical Surgery
Department of Surgery
Keck School of Medicine of USC

Stephanie Woelfel, PT, DPT, CWS

Assistant Professor of Clinical
Physical Therapy & Surgery
Director of Clinical
Physical Therapy - Hospital Outpatient
Division of Biokinesiology and Physical Therapy
Herman Ostrow School of Dentistry of USC

Kimiko A. Yamada, PT, DPT, OCS, CLT, CSCS

Associate Professor of Clinical Physical Therapy
Division of Biokinesiology and Physical Therapy
Herman Ostrow School of Dentistry of USC

Keck School of Medicine of USC Faculty

David G. Armstrong, DPM, MD, PhD

Professor of Surgery
Department of Surgery

Patrick M. Colletti, MD, FACNM, FSNMMI

Professor of Radiology
Department of Radiology

William M. Lee, MD

Associate Professor of Clinical Surgery
Department of Surgery

Gregory Magee, MD

Assistant Professor of Clinical Surgery
Department of Surgery

Vincent L. Rowe, MD, FACS

Professor of Clinical Surgery
Program Director, Vascular Surgery Residency
Department of Surgery

Jaime S. Schwartz, MD, FACS

Board Certified Plastic Surgeon
Associate Clinical Professor of Surgery
Division of Plastic and Reconstructive Surgery

Stephen F. Sener, MD

Professor of Surgery
Breast, Endocrine and Soft Tissue Surgery Division
Department of Surgery
Chief of Surgery
LAC+USC Medical Center

Eric W. Tan, MD

Associate Professor of Clinical Surgery
Chief, Foot & Ankle Surgery
Department of Orthopaedic Surgery

Ramon Ter-Oganesyan, MD

Assistant Professor of Clinical Radiology
Division of Vascular and Interventional Radiology

Rob Travieso, MD

Assistant Professor of Clinical Surgery
Surgical Director, Gender Affirmation Program
LAC+USC and Keck Surgery
Department of Surgery

Darren W. Wong, MD

Assistant Professor of Medicine
Department of Medicine,
Division of Infectious Diseases

Fellow

Ara A. Salibian, MD

Keck School of Medicine of USC

Herman Ostrow School of Dentistry of USC Faculty

Claire Al-Rayess, PT, DPT, CWS

Instructor of Clinical Physical Therapy
Division of Biokinesiology and Physical Therapy

Minnie Jan, PT, DPT, OCS

Instructor of Clinical Physical Therapy
Division of Biokinesiology and Physical Therapy

Angela Kwan, PT, DPT, CWS

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Instructor of Clinical Physical Therapy
Division of Biokinesiology and Physical Therapy

Jeff Thompson, PT, DPT

Instructor of Clinical Physical Therapy
Division of Biokinesiology and Physical Therapy

FACULTY

Guest Faculty

Philip Brazio, MD

Assistant Professor of Surgery
Plastic & Reconstructive Surgery
Cedars-Sinai Medical Center
Los Angeles, CA

David W. Chang, MD, FACS

Chief of Plastic and Reconstructive Surgery
Director of Microsurgery Fellowship
Professor of Surgery
The University of Chicago Medicine &
Biological Sciences
Chicago, IL

Edward I. Chang, MD, FACS

Professor, Department of Plastic Surgery,
Division of Surgery
The University of Texas
MD Anderson Cancer Center
Houston, TX

Ming-Huei Cheng, MD, MBA, FACS

Senior Professor
Department of Plastic and
Reconstructive Surgery
Chief, Center of Tissue Engineering
Chang Gung Memorial Hospital International
Medical Center
Taoyuan, Taiwan

Emilia Dewi, OTR, OTD, CLT-LANA

Clinical Specialist at Aria Health
Houston, TX

Charles DuBourdieu, CPO

Prosthetist Orthotist
Rancho Research Institute
Downey, CA

John S. Gambol, MD

Undersea and Hyperbaric Medicine
USC Verdugo Hills Hospital,
Glendale, CA

Karen L. Herbst, MD, PhD

Associate Professor of Medicine and Radiology
Clinical Associate Professor
of Pharmacy Practice-Science
Director TREAT Program
Division of Endocrinology, Diabetes and Metabolism
Department of Medicine
University of Arizona College of Medicine
Tucson, AZ

JP Hong, MD

Professor of Plastic Surgery
Asan Medical Center
University of Ulsan
Seoul, South Korea

Emily Iker, MD

Director of Lymphedema Center
Santa Monica, CA

Kim Marshall, DPT, CLT

Progressive Physical Therapy and
Rehabilitation
Garden Grove, CA

Maurice Nahabedian, MD, FACS

Former Professor of Plastic Surgery:
Johns Hopkins University, Georgetown
University and the Inova Branch of the Virginia
Commonwealth University
National Center for Plastic Surgery
McLean, VA

William Repicci, MA

President and CEO
Lymphatic Education and Research
Network (LE&RN)
New York, NY

Alex K. Wong, MD, FACS

Professor, Department of Surgery
Chief, Division of Plastic Surgery
Interim Chief, Division of Dermatology
City of Hope National Medical Center
Beckman Research Institute
Duarte, CA
Adjunct Clinical Professor of Surgery
Division of Plastic and Reconstructive Surgery
Keck School of Medicine of USC
Los Angeles, CA

COVID-19 GUIDELINES

COVID-19 guidelines issued by the Centers for Disease Control, Los Angeles County and the University of Southern California will be strictly observed. If live attendance is discouraged as conference date approaches, registrants will participate virtually.

CANCELLATION POLICY

In the event of course cancellation by conference organizers, all registration fees will be fully refunded and USC will not refund any travel costs incurred.

CANCELLATION FEE

There is a cancellation fee of \$50. All requests must be received by fax or email by June 22, 2022, noon PDT for a refund of tuition to be issued. No cancellations after June 22, 2022, noon PDT.

REGISTRATION FORM – 3rd Annual USC Multi-Disciplinary Approach to Lymphedema and Related Disorders Symposium

Hybrid Symposium Loews Santa Monica Beach Hotel – June 25, 2022

TUITION

LIVE:	Early-bird registration	After June 22
MD/DO	<input type="checkbox"/> \$350	<input type="checkbox"/> \$400
NP/PA/APP/PT	<input type="checkbox"/> \$250	<input type="checkbox"/> \$300
RN/AH	<input type="checkbox"/> \$250	<input type="checkbox"/> \$300
Students/Residents/Fellows	<input type="checkbox"/> \$75	<input type="checkbox"/> \$75

(Letter needed from program director for students/residents/fellows)

VIRTUAL:

Available the morning of the conference until 9:00 am, PDT.

	Early-bird registration	After June 22
MD/DO	<input type="checkbox"/> \$350	<input type="checkbox"/> \$400
NP/PA/APP/PT	<input type="checkbox"/> \$250	<input type="checkbox"/> \$300
RN/AH	<input type="checkbox"/> \$250	<input type="checkbox"/> \$300
Students/Residents/Fellows	<input type="checkbox"/> \$75	<input type="checkbox"/> \$75

(Letter needed from program director for students/residents/fellows)

Location: Loews Santa Monica Beach Hotel, 1700 Ocean Avenue, Santa Monica, CA 90401

Parking: Event parking: \$15

Register: **Mail:** 1540 Alcazar Street, CHP 223, Los Angeles, CA 90033
Mail-in registration must be postmarked by June 22, 2022.

Online: keckusc.cloud-cme.com/lymphedema2022.

Phone: (323) 442-2555 | **Fax:** 1 (888) 665-8650 **AMEX, Mastercard or Visa**

Email: usccme@usc.edu

Registration is available the morning of the conference until 9:00 am, PDT.

Please visit keckusc.cloud-cme.com/lymphedema2022, Mastercard or Visa only.

NAME _____ DEGREE _____

MEDICAL LICENSE NUMBER _____

TELEPHONE _____

ADDRESS _____

CITY _____ STATE _____ ZIP _____

SPECIALTY _____

EMAIL ADDRESS* _____

INSTITUTIONAL AFFILIATION _____

*Registration confirmation and event reminder will be emailed.

METHOD OF PAYMENT:

No cash payment accepted.

Check (Check payable to USC. Check payment must be postmarked by June 22, 2022)

Credit Card (Mastercard or Visa. American Express by Phone/Mail/Fax only)

CREDIT CARD NUMBER _____

EXPIRATION DATE _____ SECURITY CODE _____

AUTHORIZED SIGNER _____ AMOUNT \$ _____

COURSES ARE SUBJECT TO CANCELLATION.



Keck School of Medicine of USC

Office of Continuing Medical Education
1540 Alcazar Street, CHP 223
Los Angeles, CA 90033



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Non-Profit
U.S. Postage
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