



INTERVENTIONAL
ACADEMY

www.c3conference.net

New for C3 in 2018

LIMB SALVAGE SUMMIT

A Continuing Medical Education Podiatric Conference

June 17-19, 2018 | Rosen Shingle Creek, Orlando, FL

*This is a Multi-Disciplinary Meeting Featuring
Internationally Renowned Speakers in the
Essential Elements of Limb Salvage.*

**25+ Continuing Education
Contact Hours (CECH)!**

Florida License Renewal Compliant

PICA
Treated Fairly

Underwritten by a ProAssurance Company

PICA is a proud supporter of the 2018
C3 Limb Salvage Summit.

www.picagroup.com

KENT STATE
UNIVERSITY

College of
Podiatric Medicine

Kent State University College of Podiatric
Medicine is a Sponsor of this Activity

LIMB SALVAGE SUMMIT AT C3 CONFERENCE

In looking back over the last half of the 20th century, one of the biggest advancements in the US healthcare system was the institution and development of a national trauma system. Because of this effort, a profound improvement in quality of life and a substantial reduction of the morbidity and mortality was realized by trauma patients throughout the country. As health care providers, we are in the midst of another health care pandemic - involving the loss of limb.

Around the world, nearly every 30 seconds, someone experiences a lower extremity amputation. This phenomenon is almost always due to complications related to diabetes and/or peripheral vascular disease. Significant advancements have been made, and are in the process of being made, in regards to the diabetic and peripheral vascular limb salvage patient. Just as with the trauma patient, there is a substantial need for the development and propagation of a far-reaching system to address limb loss.

To that end, the C3 cardiovascular group has taken the opportunity to compose a symposium for the advancement of the limb salvage patient. This symposium focuses on the specific pathology and finer elements contributing to the result of amputation. Our hopes are that this program will assist the everyday practitioner in the evaluation and treatment of this very challenging patient demographic as well as ignite further interest in the research, discovery, and application of modalities to assist in the curtailment of this societal problem.

We welcome you to the inaugural limb salvage program at the annual C3 conference!

Rajesh M. Dave, MD, FSCAI
Course Director

Jeff Shook, DPM
Scientific Co-Chair

Larry Osher, DPM
Scientific Co-Chair

CME INFORMATION - GOALS AND OBJECTIVES

After completing these modules, the participant will be able to:

Limb Salvage 2018: Introduction - Goals

- Appreciate the necessity for approaching limb salvage from a multidisciplinary approach and understand the efficacy of this model
- Comprehend the intricacies of the decision-making process between amputation versus reconstruction in the limb salvage patient

Limb Salvage: Infectious Disease

- Describe the basic objective and subjective tools and advanced techniques in the diagnosis of infection
- Discuss the prevalence and effect of resistant organisms on the treatment and outcomes of infections
- Offer effective strategies for the empiric treatment of infections
- Enumerate the potential complications with the antibiotic component for the treatment of osteomyelitis
- Elucidate the different modalities for the radiographic evaluation of the infected extremity
- Understand current trends and recommendations for the treatment of hard to treat organisms
- Advance strategies for the use of oral vs. intravenous antibiotics in diabetic foot bone infection
- Debate the different approaches to take in the management of osteomyelitis
- Be aware of novel, cutting edge techniques for the treatment of osteomyelitis
- Present an organized approach to evaluation and management principles of diabetic foot infection

Limb Salvage: Wound Care / Ulcer Care

- Describe basic evaluation guidelines and treatment strategies for wounds/ulcers
- Be aware of evidence-based treatment recommendations for venous and diabetic ulcers
- Promote the argument for the use of advances techniques for the evaluation of wound healing
- Discuss adjunctive treatment modalities for the augmentation of healing
- Understand factors which impede wound healing
- Enumerate etiologies for the recidivism of wounds/ulcers
- Describe the indications and utility of advance wound care products
- Enumerate simple and novel surgical approaches to address the persistence or recurrence of wounds/ulcers

HIV/AIDS/Hepatitis (Florida Licensure Requirement)

The physician will be thoroughly familiar with:

- The epidemiology of AIDS and related infections including TB
- Modes of transmission
- Infection control procedures (including universal precautions)
- Clinical management
- Prevention
- Current therapies, and associated MSK radiographic features.
- Typical State and/or Federal regulations regarding AIDS testing and the confidentiality of test results will also be reviewed

Legal Proceedings (Florida Licensure Requirement)

The physician will be thoroughly familiar with:

- The registrant will know about new state legislation, new rules, and existing legal requirements relating to the practice of podiatric medicine in the State of Florida including the specific continuing education courses required for license renewal

Limb Salvage: Vascular - Arterial

- Outline the steps in the basic assessment of the high risk peripheral vascular disease patient
- Advance current principles for the preservation of the limb in peripheral arterial disease
- Recognize the importance of timing in the treatment of peripheral arterial disease and concomitant infection
Discuss the process of perioperative and periprocedural anticoagulation in the vascular patient
- Understand the need for optimization of revascularization and potential ramifications of substandard revascularization, importance of pedal arch reconstruction and two vessel infrageniculate revascularization
- Recount lower extremity arterial interventional strategies for the dysvascular limb: Bypass? Endo vs Open vascular surgical techniques?
- Discuss the perfusion assessment in lower extremity limb salvage utilizing the Indocyanine green (ICG) labeled blood with the SPY near-infrared system and other modalities

CME INFORMATION – GOALS AND OBJECTIVES

After completing these modules, the participant will be able to:

Limb Salvage: Vascular – Venous

- Understand the prevalence and impact of venous disease
- Outline basic differential diagnoses associated with the edematous extremity
- List the basic venoablation techniques in the management of venous disease
- Recount the clinical presentation of and recommended treatment for venous reflux
- Elucidate the differentiating features and treatment of mixed arterial venous ulcers
- Illuminate the scientific basis for compression therapy in both venous and arterial ulcerations
- Describe the proper approach to compression therapy in the treatment of venous ulcers

Limb Salvage: Charcot Neuroarthropathy

- Discuss the history and evolution of evaluation and treatment of Charcot neuroarthropathy
- Enumerate different modalities utilized for the diagnosis, differentiation and classification of Charcot neuroarthropathy
- Describe neuropathy and its cause and effect relationship to Charcot neuroarthropathy and limb salvage
- Recognize the important role of glucose control and the effects of uncontrolled hyperglycemia on limb salvage
- Understand the psychological ramifications of the diabetic/Charcot process and the effect on decision making process in regard to treatment
- Differentiate between normal and diabetic bone healing and the effects on treatment protocols
- Appreciate the necessity to recognize and treatment intractable pain in the neuropathic/Charcot patient
- Defend proponents of elective amputation in the specific Charcot patients
- Elucidate surgical treatment protocols for the reconstruction of deformities related to Charcot neuroarthropathy
- Defend a variety of different fixation techniques implemented for Charcot reconstruction

Limb Salvage: Orthoplastics

- Outline the basic principles of orthoplastics and the specific steps along the reconstructive ladder
- Describe the spectrum of soft tissue coverage options for lower extremity reconstructive orthopedic cases with soft tissue deficits
- Understand the specific indications for different types of soft tissue coverage options
- Discuss the necessity of external fixation in cases of simultaneous deformity correction/osseous reconstruction and soft tissue deficit repair
- Apply orthoplastic approach to common disorders such as calcaneal ulcers
- Elucidate the need for engineered wound care products in order to enhance orthoplastic reconstruction
- Via a series of case presentations and abstracts involving complex soft tissue coverage cases, discuss and defend management strategies for the treatment thereof

Limb Salvage: Miscellaneous

- Understand the complexity of fractures in the neuropathic patient and how this complexity alters treatment approach to a common, but difficult problem of diabetic ankle fractures
- Appreciate the need and indications for ancillary modalities for assistance in bone healing with neuropathic patient
- Defend elective surgery in the diabetic patient
- Discuss the utility of and indications for minimal incision surgery of the forefoot in the diabetic patient
- Describe tendon balancing concepts as it applies to the limb salvage patient
- Elucidate soft tissue coverage when performing foot amputations
- Compare and contrast different anatomic levels of amputation of the foot and ankle in limb salvage
- Via a series of case presentations and abstracts involving complex soft tissue coverage cases, discuss and defend management strategies for the treatment thereof

CME INFORMATION - ACCREDITATION STATEMENT

This activity has been planned and implemented in accordance with the standards and requirements for approval of providers of continuing education in podiatric medicine through A joint provider agreement between Kent State University and Interventional Academy.

Kent State University College of Podiatric Medicine is Approved by the Council on Podiatric Medical Education as a provider of continuing education in podiatric medicine. Kent State University College of Podiatric Medicine has approved this activity for a maximum of 27 continuing education contact hours.



Kent State University College of Podiatric Medicine is a Sponsor of this Activity



Interventional Academy and the C3 Conference cannot be held liable for events beyond our control. All information in this brochure is accurate at the time of publication. The final schedule of lecture presentations is subject to change and will be published and distributed onsite during the first day of the seminar.

INVITED FACULTY

David Arnoff, MD

*Vanderbilt University Medical Center
Nashville, TN*

**John Michael Bacharach, MD, MPH, FACC,
FSCAI**

*North Central Heart Institute
Sioux Falls, SD*

Nilesh Balar, MD

*St. Michael's Medical Center
Bronx, NY*

Robert Bartlett, MD

*St. Lukes Hospital
Milwaukee, WI*

Chris Bibbo, DO, DPM

*Rubin Institute for Advanced Orthopedics
Baltimore, MD*

Allan Boike, DPM

*Kent State University College of Podiatric
Medicine
Independence, Ohio*

John Boyd, DPM

*St. Vincent Charity Medical Center
Cleveland, OH*

Cody Chastain, MD

*Vanderbilt University Medical Center
Nashville, TN*

Coleman Clougherty, DPM

*UH Parma Medical Center
Parma, OH*

Windy Cole, DPM

*Kent State University College of Podiatric
Medicine
Independence, OH*

Steven M. Dean, DO, FACP, RPVI

*The Ohio State University Wexner Medical
Center
Columbus, OH*

Eric James Dippel, MD

*Vascular Institute of the Midwest, PC
Bettendorf, IA*

Parag Doshi, MD, FSCAI

*Chicago Cardiology Institute & Christ
Hospital/ Rush University
Chicago, IL*

Duane Ehredt Jr., DPM

*Kent State University College of Podiatric
Medicine
Independence, OH*

Tammer Elmarsafi, DPM, MBBCh

*MedStar Health
Washington, DC*

Allan Grossman, DPM

*Harrisburg Foot and Ankle Center
Harrisburg, PA*

Kandy Hammond, RN, BSN, MBA/HCM

*MVL Midwest Vein and Laser
Dayton, OH*

Mark Hardy, DPM

*Kent State University College of Podiatric
Medicine
Independence, Ohio*

Peter Highlander, DPM, MS

*The Bellevue Hospital & NOMS Healthcare
Sandusky, OH*

Visit our website: www.c3conference.net for full faculty information.

INVITED FACULTY

Allen M. Jacobs, DPM

Private Practice
St. Louis, MO

Gurneet Khangura, DPM

St. Vincent Charity Medical Center
Cleveland, OH

Jeff Karr, DPM

Karr Foot and Leg Center
Lakeland, FL

Arthur C. Lee, MD, FACC

The Cardiac and Vascular Institute
Gainesville, FL

James McKinsey, MD

The Mount Sinai Hospital
New York City, NY

Erin H. Murphy, MD

Sanger Heart and Vascular Institute
Charlotte, NC

Sandeep Nathan, MD, MSC

*University of Chicago School of
Medicine/Medical Center*
Chicago, IL

Larry Osher, DPM

*Kent State University College of Podiatric
Medicine*
Independence, OH

Jennifer Pappalardo, DPM

University of Arizona College of Medicine
Tucson, AZ

Edgardo R. Rodrigo-Collazo, DPM

*Chicago Foot and Ankle Deformity Correction
Center*
Chicago, IL

Aditya Sharma, MBBS

University of Virginia Health System
Charlottesville, Virginia

Naohiro Shibuya, DPM, MS

*Texas A&M Health Science Center College of
Medicine*
Bryan, TX

Jeff Shook, DPM

St. Vincent Charity Medical Center
Cleveland, OH

Michael Smith, DPM

Orlando Foot and Ankle Clinic
Orlando, FL

Vincent Sollecito, DPM

St. Anthony's Medical Center
St. Louis, MO

Adam Tiechman, DPM

PA Foot and Ankle Associates
Macungie, PA

Frank J. Tursi, DPM, FACFAS

Our Lady of Lourdes Medical Center
Voorhees, NJ

Suman M. Wasan, MD, MS

*University of Oklahoma Health Sciences
Center*
Oklahoma City, OK

Visit our website: www.c3conference.net for full faculty information.

Sign in and Registration: Please note the start time! Registration begins at 7:00 am on Sunday, June 17, 2018. You will be required to sign in and sign out in every morning and afternoon.

7:00 a.m. CPME sign-in and welcome

Limb Salvage 2018: Introduction

7:30 - 7:45 Multidisciplinary approach

7:45 - 8:00 Morbidity/Mortality - major amputation vs revascularization

Limb Salvage: Infectious Disease - Part 1

8:00 - 8:15 Introduction & empirical therapy for foot infections

8:15 - 8:30 Patient history matters: predicting pathogens

8:30 - 8:45 The rise in MDR and XDR pathogens

8:45 - 9:00 The emerging role of molecular diagnostics in limb infection

9:00 - 9:15 Making an accurate diagnosis of osteomyelitis

9:15 - 9:30 Medical management of osteomyelitis

9:30 - 9:45 2018 update on MRSA treatment

9:45 - 10:00 Complications during the medical treatment osteomyelitis

10:00 - 10:30 BREAK

Limb Salvage: Infectious Disease - Part 2

10:30 - 10:45 Percutaneous antibiotics delivery techniques for osteomyelitis

10:45 - 11:00 Digital osteo - amputation versus medical management

11:00 - 11:15 Alternative approach to the management of osteomyelitis

11:15 - 11:45 PET CT evaluation of the infected foot

11:45 - 12:30 MRI evaluation of musculoskeletal infection

12:30 - 1:30 LUNCH

1:30 p.m. CPME sign-in

Limb Salvage: Wound Care / Ulcer Care - Part 1

- 1:30 - 1:45** Wound care basics and HBOT
1:45 - 2:00 Why won't this wound/ulcer heal?
2:00 - 2:15 Wound Biofilm: Current perspectives & strategies on biofilm disruption and treatment
2:15 - 2:30 Venous Ulcers: Concise review of recommended practice
2:30 - 2:45 Topically applied bacteria specific antibiotic gel
2:45 - 3:00 Diabetic Ulcers: Concise review of recommended practice
3:00 - 3:15 Advanced wound care products
3:15 - 3:30 Fluorescence angiography as a predictor of wound healing

3:30 - 4:00 BREAK

Limb Salvage: Wound Care / Ulcer Care - Part 2

- 4:00 - 4:15** NPWT for the surgical diabetic limb salvage patient
4:15 - 4:30 What is enough vascularity for wound healing
4:30 - 4:45 Vertical contour calcanectomy
4:45 - 5:00 Exostectomy/Debridement via pediatric acetabular reamer
5:00 - 5:15 Long term outcomes of permanent cement spacers in the Infected foot
5:15 - 5:30 Recalcitrant plantar lateral forefoot ulcers

Florida License Renewal Compliant

Attend the Limb Salvage Summit at C3 and Meet the Florida Rules and Regulations and License Requirements!

6:00 - 7:00 pm

AIDS, HIV and Hepatitis

7:00 - 8:00 pm

Florida State Rules and Regulations

7:00 a.m. CPME sign-in

Limb Salvage: Vascular - Arterial

- 7:30 - 7:45** History and physical in PAD/CLI, work-up for referral
- 7:45 - 8:00** Medical management of PAD
- 8:00 - 8:15** Evaluating viable tissue margin: MRI with contrast
- 8:15 - 8:30** Evaluating viable tissue margin: LUNA / SPY
- 8:30 - 8:45** Novel techniques in microvascular assessment
- 8:45 - 9:00** Revascularization in PAD/CLI and acute infection
- 9:00 - 9:15** Perioperative management of anticoagulation
- 9:15 - 9:30** Endovascular versus open revascularization
- 9:30 - 9:45** Infrageniculate disease: Is one vessel enough?
- 9:45 - 10:00** Significance of pedal arch reconstruction

10:00 - 10:30 BREAK

Limb Salvage: Vascular - Venous

- 10:30 - 10:45** Epidemiology and impact of venous disease
- 10:45 - 11:00** Differential diagnosis of the swollen limb
- 11:00 - 11:15** Clinical patterns and evaluation of chronic lower venous insufficiency with CEAP and VCSS
- 11:15 - 11:30** Update on testing and treatment of venous reflux
- 11:30 - 11:45** Mixed arterial / venous ulcers: Identification and treatment
- 11:45 - 12:00** Elastic vs. non-elastic compression, keys to patient selection
- 12:00 - 12:15** Evaluation and treatment of lymphedema
- 12:15 - 12:30** Sclerotherapy in the treatment of venous disease

12:30 - 1:30 LUNCH

1:30 p.m. CPME sign-in

Limb Salvage: Charcot Neuroarthropathy Part 1

- 1:30 - 1:45** Charcot - where are we now?
- 1:45 - 2:00** Shear and pressure evaluating camera system (SPECS) as a predictor for early Charcot deformity
- 2:00 - 2:15** Glucose control and limb salvage
- 2:15 - 2:30** Radiology of Charcot neuroarthropathy
- 2:30 - 2:45** Neuropathy and the limb salvage patient
- 2:45 - 3:00** Radiographic perceptions of bone healing
- 3:00 - 3:15** Diabetic bone healing
- 3:15 - 3:30** Grade zero Charcot
- 3:30 - 3:45** How does deconditioning play a role in high-risk surgical patient?

3:45 - 4:15 BREAK

Limb Salvage: Charcot Neuroarthropathy Part 2

- 4:15 - 4:30** Take a little off the bottom - exostectomy
- 4:30 - 4:45** Is amputation all that bad for Charcot patient?
- 4:45 - 5:00** Management of acute Charcot
- 5:00 - 5:15** Lesser tarsus / midfoot: Medial fusion / lateral arthroplasty
- 5:15 - 5:30** Pan foot arthrodesis
- 5:30 - 5:45** Technique and position for IM nails

Pitfalls of the Digital Age in Medical Negligence Cases and How to Avoid Them



Underwritten by a ProAssurance Company

Presented by Ralph Martinez, Esq.

6:00 - 7:00 pm

Monday June 18, 2018

PICA policyholders who attend this risk management lecture may be eligible for up to a 10% discount on their malpractice premium.

Separate attendance sign-in provided by PICA is required at beginning of lecture

7:30 a.m. CPME sign-in

Limb Salvage: Orthoplastics

- 8:00 - 8:15** Orthoplastic principles and reconstructive ladder
8:15 - 8:30 Soft tissue options for the diabetic limb
8:30 - 8:45 Muscle flaps for arthrodesis with concomitant ulcer
8:45 - 9:00 Utility of soleus flap for ankle/hindfoot salvage
9:00 - 9:15 Flaps & external fixation for orthoplastic reconstruction
9:15 - 9:30 Options for segmental osseous defects
9:30 - 10:00 Interactive case studies via audience response system

10:00 - 10:30 BREAK

Limb Salvage: Orthoplastics / Miscellaneous

- 10:30 - 10:45** Orthoplastic approach for calcaneal ulcers
10:45 - 11:00 Management of the intractable, painful limb
11:00 - 11:15 Neuropathic fractures
11:15 - 11:30 Update on bone stimulation
11:30 - 11:45 rhBMP-2 in high-risk Fusion
11:45 - 12:00 Diabetic ankle fractures
12:00 - 12:30 Interactive Case Studies via audience response system

12:30 - 1:30 LUNCH

Limb Salvage: Miscellaneous

- 1:30 - 1:45** Elective surgery in the diabetic patient
1:45 - 2:00 Dermal reconstruction
2:00 - 2:15 MIS revisited for recalcitrant digital and metatarsal ulcers
2:15 - 2:30 Tendon balancing considerations with foot amputations
2:30 - 2:45 1st Ray resection versus TMA
2:45 - 3:00 Is the TMA the most functional amputation?
3:00 - 3:15 Symes amputations
3:15 - 3:30 Soft tissue coverage and foot amputations
3:30 - 4:00 Interactive case studies via audience response system

HOTEL INFORMATION



Rosen Shingle Creek
9939 Universal Boulevard
Orlando, FL 32819
407-996-9939
or 866-966-9939
www.RosenShingleCreek.com

Rosen Shingle Creek® is nestled on a 255-acre site along Shingle Creek just off Universal Boulevard, east of the Orange County Convention Center North/South expansion and just 10 minutes away from the Orlando International Airport. Our ideal location is a short distance to a variety of Orlando's best attractions, restaurants, shopping and entertainment venues.

Our 1,501 guest rooms offer luxurious first-class settings that capture the hotel environment. Capitalizing on Rosen Shingle Creek®'s elevation, every single room offers a stunning view of the golf course and the area's incomparable setting—from the perfectly manicured fairways and greens to the picturesque creek, magnificent cypress trees, and lush natural vegetation.

We are guided by Rosen Hotels & Resorts® Founder and President Harris Rosen's high standard of quality and unsurpassed service. Rosen Shingle Creek® has a team of experienced professionals dedicated to fulfilling the companies' ongoing commitment to guest and associate satisfaction.

Availability for the C3 room rate of \$199 per night (plus taxes) is on a first-come first-served basis and is available now available. C3 has a small block of rooms on hold for call-in reservations, which usually sells out by February. If our block and the Rosen Shingle Creek are sold out, there are several hotels in the area: Rosen Center, Rosen Plaza, Hilton Orlando or Hyatt Regency Orlando. These hotels may also fill early due to summer travel, so we recommend that you book early in our block or check with other hotels on availability as soon as possible. C3 is not currently holding a sub-block of rooms at other hotels.

To check Rosen Shingle Creek availability, please call the hotel and reference C3 or Complex Cardiovascular. Rosen reservations are available at 407-996-6338 or 866-996-6338. Additionally, you can access reservations online <http://www.c3conference.net/Location>

CONFERENCE REGISTRATION

All registrants must complete registrations online through the conference website
www.c3conference.net

If you are paying by credit card: Visit: www.c3conference.net and select "Register"

If you are paying by check: Mail check and your name/phone/email to the below address. Checks should be payable to ACHL/C3. You will be sent a code that allows you to register each person in your group through the conference website.

ACHL
Attn: C3/Laurie Novoryta
1 North Franklin Street
Suite 1225
Chicago, IL 60606

Full Conference	Between 1/31 - 4/30	After 5/1 & Onsite
Podiatrist	\$325	\$495
Industry	\$495	\$895
Fellow/Resident/Student	\$175	\$375

Registration fees include course materials, conference meals, and attendance at all sessions.