



COMPLEX CARDIOVASCULAR
CATHETER THERAPEUTICS

LIMB SALVAGE AND ADVANCED WOUND CARE SUMMIT

JUNE 23-25, 2019

26 CONTINUING EDUCATION CONTACT HOURS (CECH)
FLORIDA LICENSE RENEWAL COMPLIANT (SUNDAY, JUNE 23RD)



FULL C³ CONFERENCE: JUNE 23-26, 2019
HILTON BONNET CREEK • ORLANDO, FLORIDA

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Dear Colleagues,

Welcome to the 2019 Limb Salvage and Advanced Wound Care Summit during the C³ Conference in Orlando, Florida.

The initial goal of the inaugural Limb Salvage Program at C³ in 2018 was to provide a complementary tract to the established cardiovascular program, which would highlight the complexity and importance of limb salvage. This was done to underscore the multitude of factors involved with saving and keeping a limb. While “fixing the plumbing” may be the most critical step in amputation prevention, awareness of other factors such as: deformity correction, appropriate wound care, orthoplastic coverage techniques, and offloading ambulatory devices is crucial to avoid failure and loss of limb in spite of revascularization.

Reviewing the medical care in this patient group highlights the multitude of disciplines necessary to formulate and implement treatment to appropriately address all aspects of the typical diabetic patient with the prospect of losing a leg. A cohesive, like-minded team becomes essential. This paradigm has naturally evolved into the “multidisciplinary approach.” Likewise, a quality and effective educational program focused on the subject of limb salvage must reflect the same practical, clinical approach necessary for the successful treatment of these patients.

The Limb Salvage and Advanced Wound Care Summit represents the same team you would encounter in a hospital setting. Between the variety of presenters (interventional cardiologist, infectious disease specialist, podiatrist, orthopedist, vascular surgeon, interventional radiologist, wound care physician, wound care nurse, and physical therapist) and the comprehensive nature of topics, C³ 2019 attempts to explore all of the salient features of preserving a functional limb.

While maintaining our focus on limb salvage, this year’s program also has some specific tracts for the podiatrist and for the wound care specialist. We are fortunate and thankful to have the academic support from the Association for the Advancement of Wound Care (AAWC) and the Academy of Physicians in Wound Healing (APWH).

Thank you for your participation in this year’s C³ Limb Salvage and Advance Wound Care Summit. Enjoy the program!

Jeff Shook, DPM

Satilla Foot and
Ankle Clinic
Waycross, GA
*Scientific Co-Chair, Limb
Salvage and Advanced
Wound Care Summit*

Allen M. Jacobs, DPM

Private Practice
St. Louis, MO
*Scientific Co-Chair, Limb
Salvage and Advanced
Wound Care Summit*

**Rajesh Dave, MD,
FSCAI, FACC**

The Ortenzio Heart Center
at Holy Spirit Hospital
Camp Hill, PA
*Course Director, Limb
Salvage and Advanced
Wound Care Summit*

Keynote Speakers



Brad Lamm, DPM

**Keynote Address:
Limb Salvage Perspective**

Paley Orthopedic and
Spine Institute
West Palm Beach, FL



Edgar Peters, MD, PhD

**Keynote Address:
The Ghosts of Diabetic
Foot Infections: Past,
Present, and Yet to Come**

VU University Medical Center
Amsterdam, Netherlands



Faculty Listing

INVITED FACULTY

Steven Abramovitz, MD

Washington Hospital Center
Washington, DC

Robert Bartlett, MD

St. Luke's Hospital
Milwaukee, WI

Karen Bauer MSN, CNP

University of Toledo
Medical Center
Toledo, OH

Kyle Bray, DPM

St. Jenson Charity
Medical Center
Cleveland, OH

Nelson Bernardo, MD

MedStar Georgetown
University Hospital
Washington, D.C.

Chris Bibbo, DO

Rubin Institute for
Advance Orthopedics
Baltimore, MD

Gregory Bohn, MD

Private Practice
Tawas City, MI

Ruth Bryant, PhD, MS, RN

Northwest Hospital
Spokane, WA

Cody Chastain, MD

Vanderbilt University
Medical Center
Nashville, TN

Coleman Clougherty, DPM

UH Parma Medical Center
Parma, OH

Grace C. Craig, DPM

Fairview Hospital
Cleveland, OH

Norris Cunningham, JD

Private Practice
Indianapolis, IN

Paul Dayton, DPM, MS

Foot and Ankle Center of Iowa
Ankeny, IA

Jacqueline Donovan, DPM

Elite Foot and Ankle
Grove City, OH

Tammer Elmarsafi, DPM, MBBCh

MedStar Georgetown
University Hospital
Washington, D.C.

Jordan Ernst, DPM

Paley Orthopedic and
Spine Institute
West Palm Beach, FL

Randolph Fish, DPM

Tacoma, WA

Christina Fiske, MD

Vanderbilt University
Medical Center
Franklin, TN

Jeffrey Galitz, MD, DPM, FACFAS, DABPS

Hollywood, FL

Allan Grossman, DPM

Harrisburg, PA

Allen M. Jacobs, DPM

Private Practice
St. Louis, MO

Gurneet Khangura, DPM

St Vincent Charity
Medical Center
Cleveland, OH

Grant Kleiber, MD

MedStar Georgetown
University Hospital
Washington, D.C.

Steven R. Kravitz, DPM

Winston Salem, NC

Joe Lambiotte, PT

Riverside Physical Therapy
Proctorville, OH

Brad Lamm, DPM

Paley Orthopedic and
Spine Institute
West Palm Beach, FL

Mingsun Liu, MD, PhD

Los Angeles, CA

Michael McGlamry, DPM

Forsyth Foot and Ankle
Cumming, GA

Thomas Merrill, DPM

Barry University Foot and
Ankle Institute
Miami, FL

Munier Nazzal, MD

University of Toledo
Medical Center
Toledo, OH

Catherine O'Neal, MD

Our Lady of the Lake Regional
Medical Center
Baton Rouge, LA

Larry Osher, DPM

Kent State University College
of Podiatric Medicine
Independence, OH

Tim Paine, DPT

Litchfield Hills Orthopedic
Torrington, CT

Jennifer Pappalardo, DPM

University of Arizona College
of Medicine
Tuscan, AZ

Sandeep Patel, DPM

Northern California Kaiser
Oakland, CA

Edgar J.G. Peters, MD, PhD

VU University Medical Center
Amsterdam, Netherlands

Russell Petranto, DPM

Ocean County Foot & Ankle
Surgical Associates
Toms River, NJ

Asim Raja, DPM

Womack Army Medical Center
Fort Bragg, NC

Saher Sabri, MD

MedStar Georgetown
University Hospital
Washington, D.C.

Rameez Sayyed, MD

Marshall University
Medical Center
Huntington, WV

Robert Schergen, DPM

Foot and Ankle Associates of
Southwest Virginia
Roanoke, VA

Thomas Serena, MD

The Serena Group
Hingham, MA

Naohiro Shibuya, DPM

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

Jeff Shook, DPM

Satilla Foot and Ankle Clinic
Waycross, GA

Patrick Stone, MD

Vanderbilt University
Medical Center
Nashville, TN

Michael Smith, DPM

Orlando Foot Ankle Clinic
Orlando, FL

Mojgan Tavikoli, DPM

Foot and Ankle Centers of Frisco
Frisco, TX

Michael Trepal, DPM

New York College of
Podiatric Medicine
New York, NY

H. John Visser

SSM Health DePaul Hospital
St. Louis, MO

Jesse Wolfe, DPM

Northwest Iowa Bone, Joint &
Sports Surgeons PC
Spencer, IA

Tyler Wishau, DPM

SSM Healthcare
Mt. Vernon, IL

Goals & Objectives

The Geriatric Patient

After completing this module, the participant will be able to:

- Outline the steps in the basic assessment and management of fractures in the geriatric patient
- Present the basic approach to the geriatric patient with an HAV deformity
- List surgical treatment options for common forefoot deformities in the geriatric patient
- Enumerate nonsurgical and surgical management options for ankle arthritis and how these options are applied to the geriatric population
- Be aware of commonly prescribed medications to the geriatric patient and the potential effects on bone healing
- Discuss nonsurgical and surgical approaches with the geriatric patient and common hindfoot pathology
- Understand unique perioperative concerns in the geriatric patient
- Offer effective strategies for the treatment of chronic gout patient

Adult Acquired Flatfoot Deformity (AAFD)

After completing this module, the participant will be able to:

- Describe the basic objective and subjective parameters to the clinical approach of adult acquired flatfoot deformity
- Identify accepted indications for the utilization of subtalar arthroereisis
- Discuss the options for surgical treatment of the tibialis posterior tendon within the confines of a particular clinical level of involvement

- Define parameters and discuss utility of common calcaneal osteotomies for adult acquired flatfoot deformity
- Become cognizant of effective conservative modalities employed for nonsurgical management of adult acquired flatfoot
- Compare and contrast the utilization of isolated versus multiple hindfoot fusion techniques
- Present an organized approach to ankle involvement in end stage adult acquired flatfoot deformities

The Lapidus Procedure

After completing this module, the participant will be able to:

- Describe the basic elements of the Lapidus bunionectomy procedure
- List the indication and contraindication of the Lapidus procedure
- Discuss key elements of the HAV examination pertinent to consideration for the Lapidus procedure
- Understand the concept of frontal plane component of an HAV deformity
- Identify important steps for the successful completion of the Lapidus bunionectomy
- Compare and contrast different fixations options and constructs
- Present an organized approach to postoperative management
- Advance strategies for the correction of complications associated with the Lapidus procedure

Florida Licensure Requirements & Regulations

HIV/AIDS: The physician will be thoroughly familiar and be able to recall:

- 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.

Medical Errors: After attending the following lectures, which will be marked with an asterisk in the program, the attendee will be able to:

- Understand unique geriatric patient demographic and the modifications necessary in preoperative workup
- Recognize differences in treating the geriatric patient with an HAV deformity and how this will assist in limitation of medical errors
- Identify medications commonly prescribed to geriatric patient population which may alter bone healing
- Discuss the necessity of attempting conservative management in the patient with an adult acquired flatfoot deformity
- Recite potential forefoot procedures which may be necessary to avoid failure of reconstructive surgery in the adult acquired flatfoot patient
- List HAV parameters which dictate for and argue against the Lapidus procedure
- Become aware the subtleties of the Lapidus procedures in order to avoid common technical shortcomings when performing this procedure

- Appreciate early symptoms and signs consistent with a failed bunionectomy in order to prompt diagnosis modalities and implement an optimal treatment approach

The following medical errors lectures will be denoted by * within the program:

Perioperative considerations in the geriatric patients

Geriatric HAV surgery

Drugs which interfere with bone healing

Conservative modalities for adult acquired flatfoot deformity

Realignment and stabilization of the forefoot

When and when not to do a Lapidus bunionectomy

Surgical tips and pearls, not including fixation

Dealing with complications after failed bunionectomy

Risk Management: After attending this lecture, the participant will be able to minimize and/or obviate his/her risk in real-life, everyday practice scenarios regarding diabetic patients and will be able to:

- Discuss basic imaging of the Charcot neuroarthropathy, compare and contrasting plain radiographic, CT, and MRI findings
- Review current recommendations in the management of Charcot foot
- Via a series of case examples, using IDSA criteria, identify the proper approach to the diabetic patient with an infected foot
- Review the rationale for ordering serum procalcitonin levels as an aid to diagnosing osteomyelitis
- Incorporate current IDSA criteria in the management of the diabetic patient with MSK infection

Goals & Objectives

Florida Licensure Requirements & Regulations (cont.)

- Identify newer antibiotic agents, and through familiarity with their indications, apply them to a given patient care scenario
- Recount principles of the surgical management of osteomyelitis

Florida Regulations: 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.

Infectious Disease

After completing this module, the participant will be able to:

- Present an organized approach to evaluation and management principles of diabetic foot infections
- 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
- List the different antibiotic regimens to treat MRSA infections
- Understand current trends and recommendations for the management of hard to treat organisms
- Advance strategies for the use of oral vs. intravenous antibiotics in diabetic foot bone infection
- Debate different diagnostic testing methods for osteomyelitis
- Be aware of the effects of penicillin allergies on the treatment of diabetic foot infections

Limb Salvage

After completing this module, the participant will be able to:

- Elucidate the different modalities for the radiographic evaluation of osteomyelitis in the infected extremity
- List the surgical complications encountered in the limb salvage patient
- Discuss the philosophy of and necessity for performing elective surgery in the high-risk patient
- Enumerate the essential elements of surgical removal of osteomyelitis
- Be aware of the importance and evolution of the limb salvage concept
- Recognize the importance of timing in the treatment of fulminant infection in the limb salvage patient
- Outline the steps in the basic assessment of the high risk peripheral vascular disease patient
- Describe the indications for and utility of new diagnostic techniques for the assessment of vascular insufficiency and tissue perfusion
- Debate the pros and cons of amputation versus salvage
- 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

- Advance current principles and new techniques of revascularization for the preservation of the limb in peripheral arterial disease
- Via a series of case presentations and abstracts involving limb salvage patients, discuss and defend management strategies for the treatment thereof

Wound Care / Ulcer Care

After completing this module, the participant will be able to:

- Describe basic evaluation guidelines and treatment strategies for wounds/ulcers
- Be aware of evidence-based treatment recommendations for the edematous extremity
- Promote the argument for the use of advanced techniques for the evaluation of wound healing
- Discuss adjunctive treatment modalities for the augmentation of healing
- Understand factors which impede wound healing
- List etiologies for the recidivism of wounds and ulcers
- Become more familiar with the economic realities of the wound care patient and practice
- Explain the essential nature of a multidisciplinary approach to the wound care and limb salvage patients
- Summarize the utility and application of HBOT in the wound care patient
- 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
- Outline the mechanism and treatment ramifications associated with pain in the wound care patient
- Gain awareness of neoplastic transformation which can ensue in the chronic wound care patient
- Formulate basic differential diagnoses associated with the edematous extremity
- Illuminate the scientific basis for compression therapy in venous ulcerations
- Discuss the history and evolution of evaluation and treatment of Charcot neuroarthropathy
- Develop a clinical, diagnostic process for the early detection of Charcot neuroarthropathy
- Prescribe off-loading treatment for the Charcot neuroarthropathy/wound care patient



Goals & Objectives

Orthoplastics and Amputations

After completing this module, the participant will be able to:

- Outline the basic principles of orthoplastics and the specific steps along the reconstructive ladder
- Chronicle 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
- 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

Residency Case Competition

After completing this module, the participant will be able to:

- Via a series of case presentations and abstracts involving diabetic foot infections, ulcers, chronic wounds, gangrenous extremities, Charcot deformities and other limb salvage patients discuss and defend management strategies for the treatment thereof



Accreditation



This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Council on Podiatric Medical Education (CPME) through the joint providership between C³ Wound Care / Interventional Academy and NYCPM. C³ Wound Care / Interventional Academy has approved this program for 26 CE hours.



Schedule

Sunday, June 23, 2019

SIGN-IN AND WELCOME: 7:00 AM

The Geriatric Patient (2.0 CECH hours)

Moderator: Allen Jacobs, DPM

START TIME: 7:30 AM

- **Perioperative Considerations in the Geriatric Patient** Allen Jacobs, DPM
- **Fracture Management in the Geriatric Patient** Robert Schergen, DPM
- **Geriatric HAV Surgery** Michael Trepal, DPM
- **Forefoot Surgery in the Geriatric Patient** Jesse Wolfe, DPM
- **Management of Ankle Arthritis in the Geriatric Patient** Robert Schergen, DPM
- **Drugs Which Interfere with Bone Healing** Allen Jacobs, DPM
- **Management of Hindfoot Deformities in the Geriatric Patient** Jesse Wolfe, DPM
- **New Management Strategies for the Chronic Gout Patient**..... Jeff Shook, DPM

BREAK: 9:30-10:00 AM

Adult Acquired Flatfoot Deformity (AAFD) (2.0 CECH hours)

Moderator: Tyler Wishau, DPM

START TIME: 10:00 AM

- **Classification and Treatment Algorithm** Tyler Wishau, DPM
- **Conservation Modalities for Adult Acquired Flatfoot Deformity**..... Joe Lambiotte, PT
- **Addressing the Posterior Tibial Tendon**..... Bud Visser, DPM
- **Calcaneal Osteotomies for AAFD**..... Brad Lamm, DPM
- **When to Do Isolated Rearfoot Arthrodesis..** Michael McGlamry, DPM
- **Double or Triple Arthrodesis in Stage III Deformities**..... Bud Visser, DPM
- **Realignment and Stabilization of the Forefoot** Michael McGlamry, DPM
- **Addressing the Ankle in Stage IV Deformities** Jordan Ernst, DPM

LUNCH: 12:00-2:00 PM

12:15-1:45 PM Lunch Symposium: External Fixation Workshop Sponsored by Trilliant Surgical (NON-CME)
Coleman Clougherty, DPM and Jeff Shook, DPM



The Lapidus Procedure (2.0 CECH hours)

Moderator: Naohiro Shibuya, DPM, MS

START TIME: 2:00 PM

- **What is a Lapidus Bunionectomy/Procedure?** Asim Raja, DPM
- **When and When Not to Do a Lapidus Bunionectomy** Naohiro Shibuya, DPM, MS
- **Lapidus Specific Clinical and Radiologic Examinations** Sandeep Patel, DPM
- **Who Needs Frontal Plane Correction and How to Achieve It?** Paul Dayton, DPM, MS
- **Surgical Tips and Pearls, Not Including Fixation** Asim Raja, DPM
- **Fixation Options**..... Naohiro Shibuya, DPM, MS
- **Evidence Based Postoperative Protocols** Sandeep Patel, DPM
- **Dealing with Complications After Failed Lapidus Bunionectomy** Paul Dayton, DPM, MS

BREAK: 4:00-4:30 PM

Florida Licensure Requirements (3.0 CECH hours)

START TIME: 4:30 PM

- **Infectious Disease (Hepatitis/HIV/AIDS)** Cody Chastain, MD
- **Risk Management (The Diabetic Foot)**..... Allen Jacobs, DPM
- **Florida Regulation Update** Norris Cunningham, JD

Monday, June 24, 2019

Infectious Disease (2.5 CECH hours)

Moderator: Cody Chastain, MD

START TIME: 7:00 AM

- **Medical Assessment of DFI: Antibiotics Are Not the Only Answer** Edgar Peters, MD
- **Empiric Antibiotic Therapy for DFI: Reason and Rationale** Edgar Peters, MD
- **MRSA and Diabetic Foot Infections: A Common and Repeat Offender** Catherine O'Neal, MD
- **VRE and Other Non-MRSA MDR Organisms: Emerging Challenges in DFI**..... Catherine O'Neal, MD
- **Diagnosing Osteomyelitis in DFI: A Common Conundrum**..... Cody Chastain, MD
- **Standard of Care vs Evidence: PO vs IV Antibiotics for DFI** Cody Chastain, MD
- **Atypical Pathogens in DFI: Case-Based Studies**.. Christina Fiske, MD
- **Penicillin Allergy: What Does It Mean for DFI?** Christina Fiske, MD

Keynote Address: The Ghosts of Diabetic Foot Infections: Past, Present, and Yet to Come? Edgar Peters, MD

BREAK: 9:30-10:00 AM

Schedule

Limb Salvage (2.0 CECH hours)

Moderator: Michael Trepal, DPM

START TIME: 10:00 AM

- **The Urgent Nature of Incision and Debridement** Mojgan Tavakoli, DPM
- **Radiographic Evaluation of Osteomyelitis via MRI** Larry Osher, DPM
- **Elective Procedures on High Risk Patients**..... Thomas Merrill, DPM
- **Radiographic Evaluation of Osteomyelitis via Nuclear Medicine** Larry Osher, DPM
- **Surgical Approach to Osteomyelitis** Jacqueline Donovan, DPM
- **Management of Surgical Complications** Thomas Merrill, DPM

Keynote Address: Limb Salvage Perspective Brad Lamm, DPM

LUNCH: 12:00-2:00 PM

**12:15-1:45 PM Lunch Symposium: Evaluation of Vascular Perfusion
Sponsored by Bard, American Radiology, Stryker, Kent Imaging,
and Hypermed (NON-CME)**

Munier Nazzal, MD

Wound Care - Part 1 Sponsored by Association for the Advancement of Wound Care (AAWC) (2.0 CECH hours)

Moderator: Thomas Serena, MD

START TIME: 2:00 PM

- **The Great Betadine Debate**..... Greg Bohn, MD
- **Dealing with Edema** Tim Paine, DPT
- **Don't Get Pulled Over by the Betadine Police** Kyle Bray, DPM
- **"58% Healed in Six Weeks," What Does the Literature Really Say?** Jacqueline Donovan, DPM
- **AAWC: Certification in Wound Care** Greg Bohn, MD
- **When are Advanced Products Indicated?** Tim Paine, DPT
- **Cellular or Tissue-Based Products**..... Thomas Serena, MD
- **AAWC: Upstaging the Staging System**..... Ruth Bryant, APN/WOCN

BREAK: 4:00-4:30 PM



Wound Care – Part 2 Sponsored by Association for the Advancement of Wound Care (AAWC) (2.0 CECH hours)

Moderator: Greg Bohn, MD

START TIME: 4:30 PM

- Infection in DFUs: The Ring of Fire Thomas Serena, MD
- Resolving Complex Wounds Michael Smith, DPM
- The Problem of Pain..... Ruth Bryant, APN/WOCN
- AAWC: Pressure Ulcer Summit Tim Paine, DPT
- Off-Loading the Diabetic Foot Ulcer Greg Bohn, MD
- AAWC: Research Opportunities in Wound Care . Thomas Serena, MD
- Why Won't This Wound Heal? Karen Bauer, NPC,CWS
- Moisture Related Dermatitis..... Ruth Bryant, APN/WOCN



Tuesday, June 25, 2019

Limb Salvage (2.5 CECH hours)

Moderator: Tammer Elmarsafi, DPM

START TIME: 7:00 AM

- Overview of Infragenicular Disease..... Rameez Sayyed, MD
- Evaluation of CLI in Limb Salvage Patient..... Art Lee, MD
- Non-Invasive Predictors of Amputation Success.... Patrick Stone, MD
- Salvage vs Functional Amputation..... Tammer Elmarsafi, DPM
- You Make the Call: Case Presentation Jeff Shook, DPM
- Targeted Muscle Reinnervation:
No More Phantom Pain?..... Grant Kleiber, MD
- Implementing the Angiosome Approach Steven Abramowitz, MD
- Case Correlation Steven Abramowitz, MD
- When is Pedal Arch Reconstruction Advised? . Nelson Bernardo, MD
- Case Correlation Nelson Bernardo, MD

BREAK: 9:30-10:00 AM



Schedule

Wound Care - Part 3 Sponsored by Academy of Physicians in Wound Healing (APWH) (2.0 CECH hours)

Moderator: Steven Kravitz, DPM

START TIME: 10:00 AM

- **A Technology Driven Model of Innovative Wound Care**.....Jeffrey Galitz, MD, DPM, FACFAS, DABPS
- **Epidemiology and the Cost of Wound Care for the U.S. Healthcare System**..... Steven Kravitz, DPM
- **The Fundamentals and Basic Stages of Wound Healing** Randolph Fish, MD
- **Top Ten Tenets for Practical Nutrition** Robert Bartlett, MD
- **Proper Application of Compression Therapy for Venous Disease, Pre-Application, and Post Ablation Surgery** Steven Kravitz, DPM
- **HBO: Proper Guidelines for Diabetic Foot** Robert Bartlett, MD
- **Are Oral Antibiotics Replacing the Need for IV Antibiotics?**..... Mingsun Liu, MD, PhD
- **Differential Diagnosis of Cancer-Causing Non-Healing Wounds**..... Allen Jacobs, DPM



LUNCH: 12:00-2:00 PM

**12:30-1:30 PM Lunch Symposium:
The Coming Wound Care Tidal Wave
Sponsored by Woundtech (NON-CME)**
Jeffrey Galitz, MD, DPM, FACFAS, DABPS



Orthoplastics and Amputations (2.0 CECH hours)

Moderator: Coleman Clougherty, DPM

START TIME: 2:00 PM

- **The Business Mode of Integrating Podiatry and the Endovascular Specialist** Russel Petranto, DPM
- **Flaps and External Fixation for Orthoplastic Reconstruction** Coleman Clougherty, DPM
- **Distally-Based Abductor Hallucis Flap for the 1st MPJ Wounds**..... Grace Craig, DPM
- **Is the TMA the Most Functional Amputation?** Chris Bibbo, DPM
- **Skin Grafting in the Complicated Diabetic Foot** Jennifer Pappalardo, DPM
- **Tendon Balancing Considerations with Foot Amputations** Chris Bibbo, DPM

- **Midfoot Amputation vs. Lesser Tarsectomy** Gurneet Khangura, DPM
- **Utility of Soleus Flap for Orthoplastic Salvage**..... Coleman Clougherty, DPM

BREAK: 4:00-4:30

Limb Salvage: Fellowship and Residency Case Presentation Competition (2.0 CECH hours)

Moderator: Allan Grossman, DPM

START TIME: 4:30 PM

- **Twelve Challenging Cases will be Presented**

TO VIEW THE MOST UP-TO-DATE AGENDA, VISIT WWW.C3CONFERENCE.NET



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#C32019

Registration

Registration is open for the 15th Annual Complex Cardiovascular Catheter Therapeutics: Advanced Endovascular and Coronary Intervention Global Summit (C³)!

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.

Mail checks to: 230 W Monroe Street, Suite 2300, Chicago, IL 60606

You will be sent a code that allows you to register each person in your group through the conference website.

Conference	Registration Fees	
	Before May 1, 2019	After May 1, 2019
Full Conference: Industry	\$650	\$1,195
Full Conference: Nurse/ Technologist/Allied Health/ Fellow/Resident/ Student	\$195	\$375
Podiatrist: Wound Care Program	\$425	\$495
Full Conference: Physician	\$495	\$895

Hotel Information



Hilton Bonnet Creek

14100 Bonnet Creek Resort Lane
Orlando, FL 32821

(407) 597-3600

www.hiltonbonnetcreek.com

Visit www.c3conference.net/Location to book your hotel room through the C³ Discounted Room Block Portal



Experience More at C³ 2019

The Best Live Demonstration Course in 2019

Renowned experts from globally-reputed medical centers will perform live cases.

Partnership Sessions

Highlight the Latest Clinical Challenges, organized by global interventional societies & clubs from Europe, Japan, China, Vietnam, Egypt, Thailand, Malaysia, Taiwan, Bangladesh, Pakistan, and South America.

Master Mentorship

If you are a Fellow & submit challenging cases or abstracts, the Top 3 will be selected by the C³ Scientific Committee and will have an opportunity to sit one-on-one with a Legend to review your presentation and gain insights and skills on presenting.

Challenging Case & Abstract Competition Sessions

Competition sessions for accepted abstract and case with the expert's focus review. The top scientific case and abstract winner will get a \$500 prize certificate!

Global Women Cardiac & Vascular Interventional Forum

For the third year in a row, C³ celebrates the contributions that women make to cardiovascular medicine. We are hosting two special sessions focused on women. The TOP TEN selected and accepted cases and scientific abstracts submitted by women will be featured in these sessions.

Science & Late-Breaking Research

The most influential & cutting-edge cardiovascular research for 2018-2019 will be presented with opportunity to simultaneously publish this research in leading journals.



LIMB SALVAGE AND ADVANCED WOUND CARE SUMMIT

register today! WWW.C3CONFERENCE.NET

Registration is open for the 15th Anniversary of the Complex Cardiovascular Catheter Therapeutics: Advanced Endovascular and Coronary Intervention Global Summit (C³)

C³ celebrates its' 15th year anniversary this June 23-26, 2019 in Orlando, Florida at the Hilton Bonnet Creek. We hope you, your fellow colleagues, and friends will join us to share and learn in this dynamic educational opportunity!

#C32019

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