



**10<sup>th</sup> ANNUAL INTERNATIONAL EXTERNAL FIXATION SYMPOSIUM (IEFS)**  
 December 10-12, 2015 | Éilan Hotel Resort & Spa | 17103 La Cantera Parkway, San Antonio, Texas

Name (please print): \_\_\_\_\_  
 First MI Last  
 Credentials:  DPM  MD  DO  PA  Other \_\_\_\_\_ (Please Specify)  
 Specialty: \_\_\_\_\_  
 Daytime Phone: \_\_\_\_\_ Fax: \_\_\_\_\_  
 Address: \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_  
 Zip \_\_\_\_\_  
 Email: \_\_\_\_\_  
 Do you have special requirements?  Yes  No If yes, you will be contacted by UTHSCSA staff to see how we can assist you.

Conference Fees	Early Fee Through Dec. 1, 2015	Late Fee After Dec. 1, 2015
Physicians & Surgeons (DPM, MD, DO)	_____ \$500	_____ \$550
Other Health Professionals	_____ \$300	_____ \$350
Fellows & Residents	_____ \$150 (with letter of verification from program director)	
Cadaver Labs (Saturday*)	_____ \$250	_____ \$300
Cardiovascular Summit (Thursday only)	_____ \$200	_____ \$250

\*Space is limited for cadaver labs so early registration is encouraged. Cadaver labs are in addition to conference registration fees.

**\*TO REGISTER**

Reservations can be made by visiting the conference website at <http://cme.uthscsa.edu/ExFix2015.asp>

**Confirmation:** All early registrations are confirmed in writing. If you do not receive a confirmation within 2 weeks of registering, please contact us at (210) 567-4491, 1(866) 601-4448 or [cme@uthscsa.edu](mailto:cme@uthscsa.edu).



Continuing Medical Education Office  
 7703 Floyd Curl Drive - MC 7980  
 San Antonio, TX 78229-3900



**10<sup>th</sup> ANNUAL INTERNATIONAL EXTERNAL FIXATION SYMPOSIUM (IEFS)**

*"An Academic Team Approach to Diabetic Foot Pathology"*  
 Celebrating a Decade of Surgical Training Courses for the Diabetic Foot

**December 10-12, 2015**



Nonprofit Organization  
 U.S. Postage  
 PAID  
 Permit # 1941  
 San Antonio, Texas

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*Éilan Hotel Resort & Spa*  
*San Antonio, Texas*

**IEFS FOUNDER AND SCIENTIFIC CHAIRMAN**  
 Thomas Zgonis, DPM, FACFAS

**IEFS CO-CHAIRS**  
 Patrick R. Burns, DPM, FACFAS  
 Michael G. Palladino, DPM, FACFAS  
 Anand Prasad, MD  
 Crystal L. Ramanujam, DPM, MSc



<http://cme.uthscsa.edu/exfix2015.asp>

## COURSE DESCRIPTION

The 10th Annual International External Fixation Symposium (IEFS) presented by UT Health Science Center at San Antonio (UTHSCSA) welcomes you to the beautiful San Antonio Hill Country to participate in two and a half days of learning from local, national and international experts in the diagnosis and surgical treatment of diabetic foot pathology. This year celebrates the 10th Anniversary of IEFS and provides collaboration with the University of Pittsburgh School of Medicine in addition to UTHSCSA Cardiovascular Faculty to give comprehensive perspectives on academic team approaches for management of the diabetic foot. The program provides an interactive learning experience for every health care professional involved in the surgical management of the diabetic foot.

## TARGET AUDIENCE

This symposium is designed to meet the unique educational needs of podiatric surgeons, orthopaedic surgeons, vascular surgeons, interventional cardiologists and radiologists, residents, fellows and all other health care professionals interested in or involved in the management of diabetic foot pathology.

## LEARNING OBJECTIVES

- Understand perioperative medical management related to the diabetic foot.
- Describe advances in medical imaging and interpretation for diabetic foot and ankle pathology.
- Understand current methodology for medical and surgical treatment of diabetic foot infections.
- Identify risk factors for cardiovascular disease, peripheral arterial disease, critical limb ischemia, and describe vascular techniques including imaging, endovascular treatments and lower extremity bypass procedures.
- Interpret options available for plastic surgical reconstruction of diabetic foot wounds and apply various techniques in hands-on cadaveric workshops.
- Describe treatment approaches for diabetic neuropathic foot and ankle trauma and deformity correction, including management of complications.
- Understand diagnosis and treatment options for the diabetic Charcot foot and ankle, including postoperative rehabilitation.
- Effectively apply techniques of external fixation devices in hands-on cadaveric workshops.

## COURSE REGISTRATION INFORMATION

The symposium registration fee includes tuition, access to course materials, entrance to exhibit hall, continental breakfast, lunch, refreshment breaks, and a Friday evening reception. Participation in the cadaver labs requires an additional fee and there is limited space available, therefore early registration is encouraged. If interested in attending only the Cardiovascular Summit on Thursday, individuals may register for this day of lectures at a discounted fee. To enroll, please register online at <http://cme.uthscsa.edu/ExFix2015.asp>. If you must cancel, your tuition will be refunded less a \$50 administrative fee, provided notice is received by **November 16, 2015**. The IEFS Committee reserves the right to limit enrollment or cancel any course no less than a week prior to the course. Should circumstances make this necessary, tuition will be refunded in full.

## CONTINUING EDUCATION CREDIT

**Financial Disclosure:** As an ACCME-accredited CME provider, the UT Health Science Center at San Antonio School of Medicine (UTHSCSA SOM) must ensure that its CME activities are independent of the control of commercial interests. All speakers and planning committee members for UTHSCSA sponsored programs are expected to disclose (prior to the activity) all "relevant financial relationships" as financial relationships in any amount occurring within the past 12 months may potentially create a real or perceived conflict of interest.

**CME:** The UT Health Science Center San Antonio School of Medicine designates this live activity for a maximum of 26.5 *AMA PRA Category 1 Credits*™. Physicians should only claim credit commensurate with the extent of their participation in the activity.

American Academy of Physician Assistants (AAPA), American Academy of Nurse Practitioners (AANP) and the American Nurses Credentialing Center (ANCC) accepts certificates of attendance for educational activities certified for AMA PRA Category 1 Credit™ from organizations accredited by the ACCME.

Healthcare professionals receiving a certificate of attendance should consult with their licensing board for information on applicability and acceptance.

**CPME:** The UT Health Science Center San Antonio School of Medicine is approved by the Council on Podiatric Medical Education as a sponsor provider of continuing education in podiatric medicine.

The UT Health Science Center San Antonio School of Medicine has approved this activity for a maximum of 25.0 continuing education contact hours.

## HOTEL INFORMATION

Éilan Hotel Resort & Spa is an esteemed member of the Autograph Collection, a luxury collection of hotels and resorts by Marriott. With the style of an intimate boutique hotel combined with the splendor of a world-class luxury resort, Éilan Hotel Resort & Spa is the newest upscale hotel in San Antonio located just up the road from La Cantera Mall and Six Flags Fiesta Texas.

The Tuscan inspired suites feature private terraces, floor-to-ceiling arched windows, marble bathroom vanities and flat-screen TVs. Other hotel relaxing amenities include: Jacuzzi spas, state-of-the-art fitness center, and a lavishly relaxing spa for the utmost in pampering.

## Hotel Reservations

17103 La Cantera Parkway, San Antonio, Texas 78256  
Phone: (210) 598-2900    [www.Eilanhotel.com](http://www.Eilanhotel.com)

A block of rooms has been reserved and will be held until November 9, 2015 at the special rate of \$179 for a classic guestroom. If rooms remain in the block after November 9, 2015, they will be returned to the hotel's general inventory and the group rate may not be available.

When making your reservation, please specify that you will be attending the "UT Health Science Center San Antonio 10th Annual International External Fixation Symposium" in order to qualify for the group rates.

Reservations can be made online at: <http://cme.uthscsa.edu/exfix2015.asp> or by phone at (210) 598-2900.

## IEFS FOUNDER AND SCIENTIFIC CHAIRMAN

### Thomas Zgonis, DPM, FACFAS

Professor and Director  
Externship and Reconstructive Foot and Ankle Fellowship Programs  
Division of Podiatric Medicine and Surgery  
Department of Orthopaedics  
UT Health Science Center at San Antonio  
San Antonio, TX

## IEFS CO-CHAIRS

### Patrick R. Burns, DPM, FACFAS

Assistant Professor  
Department of Orthopaedic Surgery  
Division of Foot and Ankle  
University of Pittsburgh School of Medicine  
Podiatric Surgical Residency Director  
University of Pittsburgh Medical Center at Mercy  
Pittsburgh, PA

### Michael G. Palladino, DPM, FACFAS

Assistant Professor and Chief of Podiatry  
Director of Podiatric Residency Program  
Division of Podiatric Medicine and Surgery  
Department of Orthopaedics  
UT Health Science Center at San Antonio  
San Antonio, TX

### Anand Prasad, MD

Assistant Professor/Clinical and Associate Director  
Cardiovascular Disease Fellowship  
Division of Cardiology  
Department of Medicine  
UT Health Science Center at San Antonio  
San Antonio, TX

### Crystal L. Ramanujam, DPM, MSC

Assistant Professor/Clinical  
Division of Podiatric Medicine and Surgery  
Department of Orthopaedics  
UT Health Science Center at San Antonio  
San Antonio, TX

## INVITED FACULTY

### Shah-Hinan Ahmed, MD

Assistant Professor/Clinical and Interventional  
Fellowship Associate Program Director  
Division of Cardiology  
Department of Medicine  
UT Health Science Center at San Antonio  
San Antonio, TX

### Gregg Bean, MD

Assistant Professor/Clinical and Program Director  
Musculoskeletal Clinical Fellowship  
Department of Radiology  
UT Health Science Center at San Antonio  
San Antonio, TX

### Jason Bowling, MD

Assistant Professor  
Division of Infectious Diseases  
Department of Medicine  
UT Health Science Center at San Antonio  
San Antonio, TX

### Lawrence A. DiDomenico, DPM, FACFAS

Adjunct Professor and Director  
Reconstructive Rearfoot & Ankle Surgical Fellowship  
Kent State University Ohio College of Podiatric Medicine  
Youngstown, OH

### Alexandru V. Georgescu, MD, PhD

Professor and Head  
Department of Plastic and Reconstructive Surgery  
Iuliu Hatieganu University of Medicine and Pharmacy  
Cluj-Napoca, Romania

### Jeffrey M. Manway, DPM

Clinical Instructor  
Department of Orthopaedic Surgery  
Division of Foot and Ankle  
University of Pittsburgh School of Medicine  
University of Pittsburgh Medical Center at Mercy  
Pittsburgh, PA

### Vasilios D. Polyzois, MD, PhD

Senior Consultant, 3rd Department of Orthopaedics and Traumatology  
University of Athens School of Medicine  
Chief of Orthopaedic Traumatology, KAT General Hospital  
Athens, Greece

### Barry I. Rosenblum, DPM, FACFAS

Assistant Clinical Professor of Surgery  
Associate Chief of Podiatry  
Beth Israel Deaconess Medical Center  
Harvard Medical School  
Boston, MA

### John J. Stapleton, DPM, FACFAS

Associate, Foot and Ankle Surgery  
VSAS Orthopaedics, Allentown, PA  
Clinical Assistant Professor of Surgery  
Penn State College of Medicine  
Hershey, PA

### Rajeev Suri, MD

Assistant Professor and Program Director  
Diagnostic Radiology Residency  
Department of Radiology  
UT Health Science Center at San Antonio  
San Antonio, TX

# 10th

# Annual International External Fixation Symposium “An Academic Team Approach to Diabetic Foot Pathology”

Celebrating a Decade of Surgical Training Courses for the Diabetic Foot

December 10-12, 2015 • Éilan Hotel Resort & Spa • San Antonio, Texas, USA

## THURSDAY, DECEMBER 10, 2015

11:00 am – 11:50 am  
REGISTRATION/LUNCH ON YOUR OWN/  
VISIT EXHIBITS

11:50 am – 12:00 pm  
WELCOME & FACULTY INTRODUCTION

## NEW! CARDIOVASCULAR SUMMIT ON CRITICAL LIMB ISCHEMIA AND THE DIABETIC FOOT

12:00 – 12:25 pm  
Epidemiology and Pathophysiology of Critical Limb Ischemia  
12:25 – 12:50 pm  
Overview of Diagnostic Approach to Diabetic Foot Ulcers: Focus on Vascular Supply  
12:50 – 1:15 pm  
Endovascular Tools in 2015  
1:15 – 1:40 pm  
Surgery versus Endovascular Therapy: What Does the Data Tell Us?  
1:40 – 2:05 pm  
Critical Limb Ischemia Case Studies Part 1  
2:05 – 2:30 pm  
Critical Limb Ischemia Case Studies Part 2  
2:30 – 2:50 pm  
Moderator/Panel Discussion Forum  
2:50 – 3:05 pm  
BREAK / VISIT EXHIBITS

## DIABETIC FOOT INFECTIONS AND AMPUTATIONS

3:05 – 3:30 pm  
Perioperative Risk Stratification and Medical Management  
3:30 – 3:55 pm  
Medical Imaging of the Diabetic Foot  
3:55 – 4:20 pm  
Update on Antibiotic Therapy  
4:20 – 4:45 pm  
Surgical Management of Diabetic Foot Infections: A Multidisciplinary Team Approach  
4:45 – 5:10 pm  
Cemented Antibiotic Beads for Diabetic Foot Infections  
5:10 – 5:20 pm  
BREAK / VISIT EXHIBITS

## PLASTIC SURGICAL RECONSTRUCTION & THE DIABETIC FOOT

5:20 – 5:45 pm  
Negative Pressure Wound Therapy & Split Thickness Skin Grafts  
5:45 – 6:10 pm  
Local Random and Muscle Flaps for the Diabetic Foot  
6:10 – 6:35 pm  
Pedicle versus Perforator Flaps for the Diabetic Foot  
6:35 – 7:00 pm  
Free Flaps for the Diabetic Foot: What the Literature Reveals

7:00 – 7:25 pm  
Moderator/Panel Discussion Forum  
7:25 pm  
ADJOURN

## FRIDAY, DECEMBER 11, 2015 DIABETIC NEUROPATHIC FOOT & ANKLE DEFORMITY CORRECTION

7:30 – 8:10 am  
REGISTRATION/CONTINENTAL  
BREAKFAST/VISIT EXHIBITS  
8:10 – 8:35 am  
Elective Surgery for Diabetic Foot & Ankle Deformities  
8:35 – 9:00 am  
Update on Orthobiologics in Diabetic Foot & Ankle Surgery  
9:00 – 9:25 am  
Revisional Surgery for the Diabetic Foot & Ankle  
9:25 – 9:50 am  
Papineau Technique for Diabetic Limb Salvage  
9:50 – 10:05 am  
Moderator/Panel Discussion Forum  
10:05 – 10:20 am  
BREAK / VISIT EXHIBITS

## DIABETIC NEUROPATHIC FOOT & ANKLE TRAUMA

10:20 – 10:45 am  
Diabetic Neuropathic Midfoot/Hindfoot Fractures  
10:45 – 11:10 am  
Diabetic Neuropathic Ankle Fractures  
11:10 – 11:35 am  
Diabetic Distal Tibial and Tibial Plafond Fractures  
11:35 – 12:00 pm  
Diabetic Foot & Ankle Trauma Complications  
12:00 – 12:25 pm  
Moderator/Panel Discussion Forum  
12:25 – 1:20 pm  
LUNCH / VISIT EXHIBITS

## THE DIABETIC CHARCOT FOOT SUMMIT: A COLLABORATION OF TWO ACADEMIC MEDICAL CENTERS (UTHSCSA AND UPMC)

1:20 – 1:40 pm  
Diabetic Charcot Foot: History & Current Classification  
1:40 – 2:00 pm  
Diabetic Charcot Foot: Pathogenesis & Diagnosis  
2:00 – 2:20 pm  
Conservative/Surgical Treatment for the Acute Charcot Foot & Ankle  
2:20 – 2:40 pm  
Conservative/Surgical Treatment for the Chronic Charcot Foot & Ankle  
2:40 – 3:05 pm  
Moderator/Panel Discussion Forum

3:05 – 3:20 pm  
BREAK / VISIT EXHIBITS  
3:20 – 3:40 pm  
Diabetic Charcot Foot with Concomitant Osteomyelitis

3:40 – 4:00 pm  
Diabetic Charcot Foot and Ankle: Internal, External or Combined Fixation?

4:00 – 4:20 pm  
Innovative Constructs for the Diabetic Charcot Foot: Beaming versus Plantar Plating  
4:20 – 5:30 pm  
Clinical Case Studies/Panel Discussion Forum

6:00 pm  
RECEPTION (ALL FACULTY &  
ATTENDEES)  
10th Annual IEFS “Ilizarov Award of  
Excellence” Recipient

## SATURDAY, DECEMBER 12, 2015

7:00 am  
Meet at Éilan Hotel Resort & Spa Lobby –  
Transportation to UTHSCSA Anatomy  
Facility

## UTHSCSA ANATOMY FACILITY CADAVER LABS

8:00 am – 10:30 am  
Lab 1: Local Random and Muscle Flaps for the Diabetic Foot & Ankle  
10:30 am – 12:30 pm  
Lab 2: Pedicle and Perforator Flaps for the Diabetic Foot & Ankle  
12:30 pm – 1:00 pm  
LUNCH  
1:00 pm – 2:15 pm  
Lab 3: Monolateral and Delta External Fixators for Diabetic Foot & Ankle Trauma  
2:15 pm – 3:30 pm  
Lab 4: Circular External Fixators for Diabetic Midfoot Arthrodesis  
3:30 pm – 5:15 pm  
Lab 5: Circular External Fixators for Diabetic Ankle Arthrodesis  
5:15 pm – 6:30 pm  
Lab 6: Hybrid and Off-Loading External Fixation System for the Diabetic Foot  
6:30 pm  
ADJOURN/Return to Éilan Hotel Resort & Spa

## MARK YOUR CALENDARS!

11th Annual International  
External Fixation  
Symposium (IEFS)  
December 8-10, 2016