IEFS FOUNDER AND SCIENTIFIC CHAIRMAN

Thomas Zgonis, DPM, FACFAS
Associate Professor, Director of 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

Michael G. Palladino, DPM, FACFAS
Assistant Professor, Interim Chief of Podiatry, Director of Podiatric Residency Program
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Assistant Professor, Director of Podiatric Outpatient Clinics at Texas Diabetes Institute
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UT Health Science Center at San Antonio
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INVITED FACULTY

Gregg Bean, MD
Assistant Professor/Clinical and Program Director Musculoskeletal Clinical Fellowship
Department of Radiology
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Jason Bowling, MD
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Podiatric Surgical Residency Director
University of Pittsburgh Medical Center at Mercy
Pittsburgh, PA

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

Armin Koller, MD
Chief, Division of Technical Orthopaedics and Co-Chief, Interdisciplinary Diabetic Foot Center
Mathias-Hospital
Rheine, Germany

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Associate, Reconstructive Foot and Ankle Surgery
Bayview Physicians Group
Virginia Beach, VA

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San Antonio, TX

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Cardiovascular Disease Fellowship
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San Antonio, TX

Bryan A. Sagray, DPM
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Central Valley Area, CA

John J. Stapleton, DPM, FACFAS
Associate, Foot and Ankle Surgery, VSAS Orthopaedics
Allentown, PA
Clinical Assistant and 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
COURSE DESCRIPTION
In the beautiful Texas Hill Country, the 9th Annual International External Fixation Symposium (IEFS) sets the stage for outstanding faculty from the University of Texas Health Science Center – San Antonio as well as renowned International Scientists and Surgeons to present the latest in treatment strategies and outcomes for the diabetic foot and its various complications. The program provides an interactive learning experience for every health care professional involved in the surgical management of the diabetic foot. Through two and a half days of didactic lectures and hands-on cadaveric workshops, participants can gain valuable knowledge in the medical and surgical management of diabetic foot infections, trauma, Charcot reconstruction, plastic surgery, and deformity correction.

TARGET AUDIENCE
This symposium is designed to meet the unique educational needs of podiatric surgeons, orthopedic surgeons, vascular surgeons, 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 implications of peripheral vascular disease on the diabetic foot 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 common complications.
• Understand diagnosis and treatment options for the diabetic Charcot foot and ankle, including postoperative rehabilitation.
• Effectively apply techniques for monolateral, hybrid, and circular external fixation devices in hands-on cadaveric workshops.

COURSE REGISTRATION
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. To enroll, please register online at http://cme.uthscsa.edu/ExFix2014.asp. If you must cancel, your tuition will be refunded less a $45 administrative fee, provided notice is received by November 17, 2014. 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.

HOTEL ACCOMMODATIONS
The Éilan Hotel Resort & Spa is a luxurious new boutique hotel located in the picturesque San Antonio Hill Country. This Tuscan-inspired resort, which is a member of the Marriott’s elite Autograph Collection, provides the ideal location for travelers to explore San Antonio for historic sights, theme parks, premier shopping and dining, and much more. Relax and enjoy the elegantly appointed rooms, state-of-the-art fitness center, lavish spa, indoor/outdoor pools, and delicious onsite Mediterranean cuisine at Sustenio restaurant. Please make your reservations directly with the hotel. Be sure to state that you are attending the “International External Fixation Symposium” to qualify for the special rate of $179.00 (plus tax) for single or double accommodations. These rooms will be held for symposium attendees until November 10, 2014. After that date, the availability of rooms and symposium rates cannot be guaranteed.
COURSE LOCATION
Éilan Hotel Resort & Spa
17103 La cantera Parkway, San Antonio, Texas 78256
Telephone: (210) 598-2900
Website: www.eilanhotel.com

Image courtesy of www.eilanhotel.com
**THURSDAY, DECEMBER 11, 2014**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>12:00 - 12:50</td>
<td>REGISTRATION/LUNCH ON YOUR OWN/VISIT EXHIBITS</td>
</tr>
<tr>
<td>12:50 - 1:00</td>
<td>WELCOME &amp; FACULTY INTRODUCTION</td>
</tr>
</tbody>
</table>

### DIABETIC FOOT INFECTIONS & AMPUTATIONS

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>1:00 - 1:20</td>
<td>Perioperative Risk Stratification and Medical Management</td>
</tr>
<tr>
<td>1:20 - 1:40</td>
<td>Medical Imaging for the Diabetic Foot</td>
</tr>
<tr>
<td>1:40 - 2:00</td>
<td>Update on Antibiotic Therapy for Diabetic Foot Infections</td>
</tr>
<tr>
<td>2:00 - 2:20</td>
<td>Surgical Management of Diabetic Foot Infections and Osteomyelitis</td>
</tr>
<tr>
<td>2:20 - 2:40</td>
<td>The Role of Cemented Antibiotic Beads/Spacers for Diabetic Foot Infections</td>
</tr>
<tr>
<td>2:40 - 3:00</td>
<td>Moderator/Panel Discussion Forum</td>
</tr>
<tr>
<td>3:00 - 3:20</td>
<td>BREAK / VISIT EXHIBITS</td>
</tr>
</tbody>
</table>

### CRITICAL LIMB ISCHEMIA & THE DIABETIC FOOT

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>3:20 – 3:40</td>
<td>Diabetes Mellitus and Peripheral Arterial Disease</td>
</tr>
<tr>
<td>3:40 – 4:00</td>
<td>Vascular Medical Imaging and Endovascular Treatments</td>
</tr>
<tr>
<td>4:00 – 4:20</td>
<td>Lower Extremity and Pedal Bypass Procedures</td>
</tr>
<tr>
<td>4:20 – 4:40</td>
<td>Management of Venous Stasis Ulcerations in the Diabetic Patient</td>
</tr>
<tr>
<td>4:40 – 5:00</td>
<td>Moderator/Panel Discussion Forum</td>
</tr>
<tr>
<td>5:00 – 5:20</td>
<td>BREAK / VISIT EXHIBITS</td>
</tr>
</tbody>
</table>

### PLASTIC SURGICAL RECONSTRUCTION & THE DIABETIC FOOT

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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</thead>
<tbody>
<tr>
<td>5:20 – 5:40</td>
<td>Negative Pressure Wound Therapy &amp; Split Thickness Skin Grafts</td>
</tr>
<tr>
<td>5:40 – 6:00</td>
<td>Local Random and Muscle Flaps for the Diabetic Foot</td>
</tr>
<tr>
<td>6:00 – 6:20</td>
<td>Pedicle versus Perforator Flaps for the Diabetic Foot</td>
</tr>
<tr>
<td>6:20 – 6:40</td>
<td>Free Tissue Transfers for Soft Tissue Coverage in the Diabetic Foot</td>
</tr>
<tr>
<td>6:40 – 7:00</td>
<td>Moderator/Panel Discussion Forum</td>
</tr>
<tr>
<td>7:00 pm</td>
<td>ADJOURN</td>
</tr>
</tbody>
</table>
## FRIDAY, DECEMBER 12, 2014

### DIABETIC NEUROPATHIC FOOT & ANKLE TRAUMA

<table>
<thead>
<tr>
<th>Time</th>
<th>Session Topic</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:30 – 8:20 am</td>
<td>Registration/Continental Breakfast/Visit Exhibits</td>
</tr>
<tr>
<td>8:20 - 8:40 am</td>
<td>Diabetic Neuropathic Midfoot/Hindfoot Fractures</td>
</tr>
<tr>
<td>8:40 - 9:00 am</td>
<td>Diabetic Neuropathic Ankle Fractures</td>
</tr>
<tr>
<td>9:00 - 9:20 am</td>
<td>Diabetic Distal Tibial and Tibial Plafond Fractures</td>
</tr>
<tr>
<td>9:20 - 9:40 am</td>
<td>Diabetic Foot &amp; Ankle Trauma Complications</td>
</tr>
<tr>
<td>9:40 - 10:00 am</td>
<td>Moderator/Panel Discussion Forum</td>
</tr>
<tr>
<td>10:00 - 10:20 am</td>
<td>BREAK / VISIT EXHIBITS</td>
</tr>
</tbody>
</table>

### DIABETIC NEUROPATHIC FOOT & ANKLE DEFORMITY CORRECTION

<table>
<thead>
<tr>
<th>Time</th>
<th>Session Topic</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:20 - 10:40 am</td>
<td>Diabetic Forefoot/Midfoot Deformity Correction</td>
</tr>
<tr>
<td>10:40 - 11:00 am</td>
<td>Diabetic Hindfoot/Ankle Deformity Correction</td>
</tr>
<tr>
<td>11:00 - 11:20 am</td>
<td>Equinus Correction in the Diabetic Foot</td>
</tr>
<tr>
<td>11:20 - 11:40 am</td>
<td>Diabetic Neuropathic Foot &amp; Ankle Malunions/Nonunions</td>
</tr>
<tr>
<td>11:40 - 12:00 pm</td>
<td>Moderator/Panel Discussion Forum</td>
</tr>
<tr>
<td>12:00 - 1:20 pm</td>
<td>LUNCH / VISIT EXHIBITS</td>
</tr>
</tbody>
</table>

### DIABETIC CHARCOT FOOT & ANKLE RECONSTRUCTION: PART 1

<table>
<thead>
<tr>
<th>Time</th>
<th>Session Topic</th>
</tr>
</thead>
<tbody>
<tr>
<td>1:20 - 1:40 pm</td>
<td>Diabetic Charcot Foot: Pathophysiology, Diagnosis &amp; Classification</td>
</tr>
<tr>
<td>1:40 - 2:00 pm</td>
<td>Diabetic Charcot Foot: Pharmacological Therapy &amp; Bone Stimulation</td>
</tr>
<tr>
<td>2:00 - 2:20 pm</td>
<td>Conservative &amp; Surgical Treatment for Non-ulcerated Acute Charcot Foot &amp; Ankle</td>
</tr>
<tr>
<td>2:20 - 2:40 pm</td>
<td>Conservative &amp; Surgical Treatment for Non-ulcerated Chronic Charcot Foot &amp; Ankle</td>
</tr>
<tr>
<td>2:40 - 3:00 pm</td>
<td>Moderator/Panel Discussion Forum</td>
</tr>
<tr>
<td>3:00 - 3:20 pm</td>
<td>BREAK / VISIT EXHIBITS</td>
</tr>
</tbody>
</table>
**DIABETIC CHARCOT FOOT & ANKLE RECONSTRUCTION: PART 2**

3:20 - 3:40 pm  Diabetic Charcot Foot Deformity, Ulceration & Osteomyelitis

3:40 - 4:00 pm  Diabetic Charcot Ankle Deformity, Ulceration & Osteomyelitis

4:00 - 4:20 pm  Diabetic Charcot Foot and Ankle: Internal, External or Combined Fixation?

4:20 - 4:40 pm  Diabetic Charcot Foot and Ankle: Single or Extended Joint Arthrodesis?

4:40 - 5:00 pm  Post-Operative Management and Rehabilitation

5:00 – 5:20 pm  Moderator/Panel Discussion Forum

6:00 pm  **RECEPTION (ALL FACULTY & ATTENDEES)**

9th Annual IEFS “Ilizarov Award of Excellence” Recipient

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**SATURDAY, DECEMBER 13, 2014**

7:30 am  Meet at Éilan Hotel Resort & Spa Lobby – Transportation to UTHSC-SA Anatomy Facility

**UTHSC-SA ANATOMY FACILITY – CADAVER LABS**

8:30am – 10:15 am  Lab 1: Local Random and Muscle Flaps for the Diabetic Foot & Ankle

10:15 am – 12:00 pm  Lab 2: Pedicle and Perforator Flaps for the Diabetic Foot & Ankle

12:00 – 1:00 pm  **LUNCH**

1:00 – 2:15 pm  Lab 3: Monolateral and Delta External Fixators for Diabetic Foot & Ankle Trauma

2:15 – 3:30 pm  Lab 4: Circular External Fixators for Diabetic Midfoot & Ankle Arthrodesis

3:30 – 4:45 pm  Lab 5: Hybrid and Off-Loading External Fixation System for the Diabetic Foot

4:45 pm  **ADJOURN/Return to Éilan Hotel Resort & Spa, San Antonio, TX**

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**MARK YOUR CALENDARS!**

10th Annual International External Fixation Symposium (IEFS)

December 10-12, 2015
Name (please print): First ___________________ Last_____________________

Credentials: DPM, MD, DO, PA, Other_____ Specialty: __________________

Daytime Phone: __________________________Fax: ______________________

Address: ____________________________________________ City__________ State __________ Zip__________

Email: _____________________________________________________

Do you have special requirements? Yes, No. If yes, you will be contacted by the IEFS Committee to see how we can assist you.

**CONFERENCE FEES**

<table>
<thead>
<tr>
<th></th>
<th>Early Fee Before Dec. 1, 2014</th>
<th>Late Fee After Dec. 1, 2014</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physicians &amp; Surgeons</td>
<td>$500</td>
<td>$550</td>
</tr>
<tr>
<td>Other Health Professionals</td>
<td>$300</td>
<td>$350</td>
</tr>
<tr>
<td>Fellows, Residents, Students</td>
<td>$175 (with letter of verification from program director)</td>
<td>$350</td>
</tr>
<tr>
<td>Cadaver Labs (Saturday only – limited space)</td>
<td>$250</td>
<td>$300</td>
</tr>
</tbody>
</table>

**REGISTER ONLINE**

• [http://cme.uthscsa.edu/ExFix2014.asp](http://cme.uthscsa.edu/ExFix2014.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 or 1(866) 601-4448, [cme@uthscsa.edu](mailto:cme@uthscsa.edu).