

2012 Miami International Lower Extremity Surgical Symposium (MILESS)

Friday, April 27 – Sunday, April 29, 2012

Miami Anatomical Research Center (M.A.R.C.)

Miami, Florida

Focus on: Complex Trauma and Post-Traumatic Reconstruction

Agenda is subject to change.

All participants are encouraged to bring their own surgical loops.

All participants will receive a USB drive containing all the lectures of the symposium, plus related articles to the symposium topics.

Scrubs will be provided for the cadaver skills workshop. If you prefer to bring your own it is acceptable.

All participants must scan their badge at the beginning and the end of the day to receive CME credits.

The Symposium will provide 24 CME hours for lecture and workshop participants, 13.75 for lecture only participants. CME pending final approvals.

Course Description

The purpose of this course is to provide a basis for current surgical techniques in the management of lower extremity trauma and reconstruction in foot and ankle disorders. This course in an intense three days of lectures with case presentations, coupled with specialized hands on workshops.

Course Objectives

At the conclusion of this Symposium, the participating lower extremity surgeons will be able to:

- Be familiar with current concepts in trauma management
- Understand surgical management of trauma reconstruction utilizing internal and/or external fixation methods
- Understand current thinking and utilization of orthobiologics
- Have an understanding of the treatment of traumatic nerve injuries
- Understand the management of wounds in conjunction with trauma
- Discuss lower leg and foot contracture techniques and indications

Day 1: Scientific Lectures

8:00-8:30am Continental Breakfast

8:30-9:00am Course Chairmen Welcome and Faculty Introductions

LECTURES (20 MIN. WITH A 10 MIN. Q & A TO FOLLOW)

1. 9:00 – 9:30am: Osteopenic Fractures /Tips Fracture Reduction Techniques
2. 9:30 – 10:00am: Indication of Post-Traumatic Fusions
3. 10:00 – 10:30am: Case Study

Break 10:30 - 10:45AM

4. 10:45 – 11:15am: Principles of Lower Extremity Fractures
5. 11:15 – 11:45am: Personal Algorithm and Surgical Pearls in Trauma
6. 11:45am – 12:15pm Challenging: Posttraumatic Midfoot and Hindfoot Fusions

Lunch 12:15 - 1:15PM

Calcaneal & Pilon Panel

7. 1:15 – 1:45pm: Calcaneal Fractures: Posterior Facet Involvement & Highly Comminuted
8. 1:45 – 2:15pm: Case Study
9. 2:15 – 2:45pm: Distal Tibia Fractures: Pilon-Extra-Articular & Intra-Articular
10. 2:45 – 3:15pm: Fibular Fractures-Proximal/Distal to Tibio-Talar Articulation

Break 3:15 - 3:30PM

11. 3:30 – 4:00pm: Exposed Bone in Trauma Scenarios
12. 4:00 – 4:15pm: Case Presentation
13. 4:15 – 4:30pm: Skeletal Traction Techniques in Trauma Repair
14. 4:30 – 6:30pm: Pilon Saw Bone Workshop

FACULTY DINNER

CHAIRMAN'S RECEPTION AND DINNER – 6:30 PM

Day 2: Scientific Lectures

Continental Breakfast 7:30 am - 8:00 am

LECTURES (20 MIN. WITH A 10 MIN. Q & A TO FOLLOW)

Morning Lectures: Orthobiologic Panel – all lectures conducted by sponsor PhDs or surgeons with experience with products on the orthobiologic track.

All Lectures 20 min with 10 min Q & A

1. 8:00 – 8:30am: Demineralize Bone Matrix
2. 8:30 – 9:00am: Polymers with DBM
3. 9:00 – 9:30am: Ceramics (Synthetic Material)
4. 9:30 – 10:00am: Case Study
5. 10:00 – 10:30am: PRP

Break: 10:30-10:45am

6. 10:45 – 11:15am: PRP Devices and Stem Cell
7. 11:15 – 11:45am: Stem Cell Technology in Diabetic Fractures
8. 11:45am – 12:15pm: Allograft Sponges
9. 12:15 - 12:45pm: Autogenous Bone Grafting

Lunch: 12:45-1:45pm

Complication Mini-Symposium - all lectures and cases presented during this track are related to Post-Traumatic Complications including iatrogenic factors.

10. 1:45 – 2:30pm: Management & Complications of External Fixation
11. 2:30 – 2:45pm: Prevention of Neurological Complications with Circular Fixation
12. 2:45 – 3:15pm: Circular Complications-Foot & Ankle
13. 3:15 – 3:45pm: Neurological Complications – Treatment & Prevention
14. 3:45 – 4:15pm: Vascular Complications – Open Trauma Scenario
15. 4:15 – 4:45pm: Soft Tissue Complications
16. 4:45 – 5:15pm: Questions and Participant Case Presentations

Day 3: Cadaver Skills Workshop

7:00-7:30am: Continental Breakfast

Post-Traumatic Complex Fusion Track

1. 7:30-7:45am: Skill Lab Presentation - Tibio-Talar Arthrodesis
2. 7:45 – 8:00am: Skill Lab Presentation Tibio-Calcaneal Arthrodesis
3. 8:00 – 9:00am: Skill Lab Presentation – Hands-On Lab
4. 9:00 – 9:30am: Talectomy - Hands-On Lab

Break 9:30 – 9:45 am

5. 9:45 – 11:45am: Talectomy & Tibio-Calcaneal Arthrodesis w Circular Fixator
6. Lunch: 12:00 - 1:00pm (Lunch Boxes will be provided to the workshop day participants only)

Consecutive lectures 15 minutes each and questions to follow

Case Presentations

7. 1:15 – 1:45pm: Calcaneal Fractures
8. 1:45 – 2:15pm: Corrective Osteotomies for Calcaneal Fractures Malunion
9. 2:15 – 2:45pm: Calcaneal Fractures with Monolateral External Fixation/Lisfranc Techniques

Break: 2:45-3:00pm

10. 3:00 – 3:30pm: Bone Marrow Aspirate Techniques
11. 3:30 – 4:00pm: Leg & Foot Fasciotomies
12. 4:15-4:30pm: Achilles Tendon Repair- Zenograf
13. 4:30 – 6:30pm: Surgeons free selection of any procedure in which they want faculty staff to demonstrate:
 - a. Monolateral Fixator-Metatarsal Fracture Options
 - b. Muscle Flaps
 - c. Monolateral Fixator for Distal Tibia Fractures
 - d. Lisfranc Fractures
 - e. Medial/Lateral Malleolar Fractures

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