



Lower Extremity External Fixation Resident Basic Course Agenda

**Preliminary Agenda – Topics and Presenters May be Subject to Change*

December 9-10, 2011

Hyatt O'Hare Hotel, Rosemont, Illinois

Faculty Co-Chairs: Dr. Byron Hutchinson, Dr. Edgardo Rodriguez

Faculty Presenters: Dr. Alexander Cherkashin, Dr. Mikhail Samchukov, Dr. James Wang

Friday 12/9:	Minutes	Topic
07:30-08:00am	30	Continental Breakfast
08:00-08:15am	15	Welcome & Introduction
08:15-08:45am	30	Evolution of External Circular Fixation
08:45-10:00am	75	Individual Components & Functional Blocks for Static & Dynamic Frames
10:00-10:15am	15	Break
10:15-10:45am	30	Essentials of Frame Biomechanics
10:45-12:15am	90	<u>Lab Exercise 1:</u> Fundamentals of Bone Stabilization Using Cross Wires & Half Pins (Predrilled Delrin Blocks)
12:15-01:00pm	45	Lunch
01:00-01:30pm	30	Principles of Wire & Half Pin Placement within Anatomically Safe Corridors
01:30-02:00pm	30	Postoperative Management, Patient Instructions & Pin Care Protocol
02:00-02:45pm	45	Ankle Arthrodiastasis & Arthrodesis
02:45-03:00pm	15	Break
03:00-04:30pm	90	<u>Lab Exercise 2:</u> Ankle Arthrodesis & Arthrodiastasis
04:30-05:00pm	30	Complications of External Fixation
06:00-07:00pm	60	Case Presentations

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Sat. 12/10:	Minutes	Topic
07:30-08:00am	30	Continental Breakfast
08:00-08:30am	30	Corticotomy vs. Osteotomy
08:30-09:30am	60	Planning for Uniplanar Angular Deformity Correction
09:30-09:45am	15	Break
09:45-11:15am	90	<u>Lab Exercise 3</u> : Distal Tibial Valgus Deformity Correction Using Hinges & Angular Distractor
11:15-11:30am	15	Removal of External Fixators & Post Frame Removal Protocols
11:30am-12:15pm	45	Charcot Stabilization Using Circular External Fixation
12:15-01:00pm	45	Lunch
01:00-2:30pm	90	<u>Lab Exercise 4</u> : Acute Charcot Deformity Correction Using Bent Wire Technique vs. Rapid Adjust Struts
02:30-03:15pm	45	External Fixation in Trauma: Calcaneal & Tibial Pilon Fractures
03:15-03:30pm	15	Break
03:30-04:00pm	30	Minirail: Indications & Applications
04:00-05:00pm	60	<u>Lab Exercise 5</u> : Mini-rails (Brachymet, MPJ Fusion)

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