

25th Annual

Baltimore Limb Deformity Course

CME-ACCREDITED

August 28–30, 2015

Four Seasons Hotel | Baltimore, Maryland, USA

RUBIN INSTITUTE FOR ADVANCED ORTHOPEDICS



» COURSE CHAIR

- John Herzenberg, MD

» COURSE DIRECTORS

- Shawn Standard, MD
- Janet Conway, MD
- Bradley Lamm, DPM
- Noman Siddiqui, DPM



» PRE-COURSES

Thursday, August 27

- Internal Lengthening Nails
- Cadaver Lab

» POST-COURSE

Monday, August 31

- Charcot Foot: Advanced Taylor Spatial Frame Reconstructive Techniques



Rubin Institute for
Advanced Orthopedics
Sinai Hospital of Baltimore

www.DeformityCourse.com

25th Annual Baltimore Limb Deformity Course

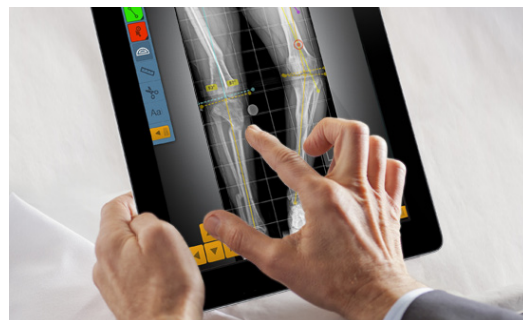
Visit www.DeformityCourse.com for the latest course agendas and information.

This course has been the standard in teaching lower extremity alignment over the past quarter century. It is intended for orthopedic surgeons, podiatrists, and allied health professionals who treat long-bone deformities. No prior experience is required. The more than 300 attendees of the 2014 course came from 30 countries and 31 states in the USA. The 2014 Deformity Course, the pre-courses, and the post-course entirely sold out.

Participants in the 2015 course will be eligible for a maximum of 31.0 *AMA PRA Category 1 Credits*[™]. The course features lectures, deformity planning sessions, hands-on labs, innovative apps, interactive participant case presentations, and an internationally renowned faculty. We will introduce basic and advanced limb reconstruction concepts including limb alignment, limb lengthening, corrective osteotomies, and internal and external fixation.

Highlights include:

- Hands-on bone model labs using a wide array of external fixators
- Option to choose a lab group that focuses on adult, pediatric, or foot and ankle applications (every attempt will be made to place you in your selected group)
- Option to choose break-out sessions on adult, pediatric, and foot/ankle topics
- BONE NINJA, an iPad app teaching tool developed by Drs. Shawn Standard and John Herzenberg at the International Center for Limb Lengthening, Sinai Hospital of Baltimore: This app is designed to help surgeons analyze long-bone deformities. **Note:** Please bring your iPad or iPad mini. If you do not own an iPad, you will be able to follow along using worksheets. All registrants of the three-day Baltimore Limb Deformity Course will receive the BONE NINJA app for free.



BONE NINJA for iPad

- New version of the Multiplier App for the prediction of values at maturity: upper and lower limb length discrepancy, bone length, lower extremity length, and height (for those with and without achondroplasia). Graphic depiction of height curves to debut at the course.
- Interactive adult, pediatric, and foot case presentation sessions led by attendees: Bring your case presentations in PowerPoint or Keynote format on USB/flash drive—no personal laptops will be accepted.

Learning Objectives

- Describe simple and complex pediatric and adult lower-limb deformities
- Interpret advances in the field of limb reconstruction and deformity correction
- Effectively perform osteotomy planning
- Understand the methodology of minimally invasive internal and external fixation
- Identify and evaluate alternatives for the treatment of deformities from hip, knee, ankle, and foot contractures
- Understand electronic media technology for deformity correction
- Gain greater insight through the sharing of techniques, tips, and tricks with others in the orthopedic community

Course at a Glance*

Friday, August 28

- 6:00 a.m. Registration and Breakfast
- 7:00 a.m. Meeting to Commence
- 12:20 p.m. Luncheon
- 6:30 p.m. Adjourn
- 7:30 p.m. Welcome Reception and Dinner Poolside

Friday Evening:

Welcome Reception and Dinner at Four Seasons Hotel

A fun, casual evening will be spent poolside overlooking Baltimore's beautiful Inner Harbor. Dinner is included in the registration fee. Additional tickets will be available for purchase. Resort attire recommended.

Saturday, August 29

- 6:15 a.m. Breakfast
- 7:00 a.m. Meeting to Commence
- 12:00 p.m. Luncheon
- 6:00 p.m. Break for Dinner
- 7:45 p.m. Case Presentations
- 9:30 p.m. Adjourn

Sunday, August 30

- 6:15 a.m. Breakfast
- 7:00 a.m. Meeting to Commence
- 12:00 p.m. Luncheon
- 6:00 p.m. Adjourn

Confirmed Faculty for 2015 Courses (as of 3/1/15)

Teresa Alpert, CPed
Baltimore, Maryland

Anil Bhawe, PT
Baltimore, Maryland

James Binski, MD
Dayton, Ohio

Peter Blume, DPM
New Haven, Connecticut

Noam Bor, MD
Afula, Israel

Rolf Burghardt, MD
Hamburg, Germany

Alexander Cherkashin, MD
Dallas, Texas

Michael Christy, MD
Baltimore, Maryland

Janet Conway, MD
Baltimore, Maryland

Mark Dahl, MD
Minneapolis, Minnesota

Richard Davidson, MD
Philadelphia, Pennsylvania

Gavin de Kiewiet, MD
Sunderland, United Kingdom

A. Lee Dellon, MD
Baltimore, Maryland

W. Andrew Eglseder, MD
Baltimore, Maryland

Mark Eidelman, MD
Haifa, Israel

Rudolf Ganger, MD
Vienna, Austria

Marie Gdalevitch, MD
Montréal, Quebec, Canada

Martin Gesheff, BS
Baltimore, Maryland

Connor Green, MB BCH
Wicklow, Ireland

Matthew Hentges, DPM
Pittsburgh, Pennsylvania

John Herzenberg, MD
Baltimore, Maryland

B. David Horn, MD
Philadelphia, Pennsylvania

Renee Hunter, PA-C
Baltimore, Maryland

Christopher Iobst, MD
Orlando, Florida

Bradley Lamm, DPM
Baltimore, Maryland

Guido LaPorta, DPM
Dunmore, Pennsylvania

Salih Marangoz, MD
Istanbul, Turkey

Michael Mont, MD
Baltimore, Maryland

Robert O'Toole, MD
Baltimore, Maryland

Trevor Owen, MD
Roanoke, Virginia

Raymond Pensy, MD
Baltimore, Maryland

Charles Price, MD
Orlando, Florida

Christof Radler, MD
Vienna, Austria

S. Robert Rozbruch, MD
New York, New York

Mikhail Samchukov, MD
Dallas, Texas

Lee Sanders, DPM
Ephrata, Pennsylvania

Noman Siddiqui, DPM
Baltimore, Maryland

Devinder Singh, MD
Baltimore, Maryland

John Sontich, MD
Cleveland, Ohio

Shawn Standard, MD
Baltimore, Maryland

Paul Stasko, DPM
Scranton, Pennsylvania

Cassandra Tomczak, DPM
Portland, Oregon

Jacob Wynes, DPM
Baltimore, Maryland

*Course times and *AMA PRA Category 1 Credits*[™] subject to change without notice.

PRE-COURSE 1

Internal Lengthening Nails

AMA PRA Category 1 Credits™: 9.25*

Thursday, August 27, 2015

(Limited Registration)

Course Times: 7:30 a.m. – 6:30 p.m.*

Chairs: John Herzenberg, MD, and Shawn Standard, MD

Telescopic, magnetically-activated internal nails have been recently developed for lengthening the femur and tibia. The course will be taught by an international faculty with extensive experience with this emerging technology. Topics will include the basic principles, preoperative planning for osteotomy level and nail length, regulating rates of lengthening, applications for deformity correction, strategies to prevent and treat complications, and the results of current research. The course includes a hands-on bone model lab to teach participants how to insert these nails in the femur and tibia as well as a workshop on how to choose osteotomy level and nail type, size, and length.

Learning Objectives:

- Understand the history of internal limb lengthening devices
- Describe the indications and contraindications for limb lengthening with internal devices
- List the complications of internal lengthening devices and how to avoid these complications
- Explain preoperative decision making regarding diameter/length of the implant and osteotomy level

PRE-COURSE 2

Cadaver Lab: Lower Extremity Osteotomies, Soft-Tissue Procedures, Flaps, and External Fixation Safe Zones

AMA PRA Category 1 Credits™: 6.5*

Thursday, August 27, 2015

(Limited Registration)

Course Times: 8:30 a.m. – 4:00 p.m.*

Location: Bus departs Four Seasons Hotel at 7:45 a.m.
Lab starts at University of Maryland School of Medicine, State Anatomy Board at 8:30 a.m.

Course Organizers: Bradley Lamm, DPM
Noman Siddiqui, DPM
Janet Conway, MD

This course offers a comprehensive, hands-on learning experience with instruction from renowned faculty. Participants will perform osteotomies, flaps, and nerve decompressions. External fixation safe zones for wires and pins in the lower extremity will be highlighted.

Learning Objectives:

- Perform percutaneous osteotomy techniques and demonstrate basic surgical anatomy and incision techniques
- Analyze indications for basic and complex soft-tissue flaps
- Identify safe zones for wire and pin placement in the femur, tibia, and foot

POST-COURSE

Charcot Foot: Advanced Taylor Spatial Frame Reconstructive Techniques

AMA PRA Category 1 Credits™: 8.0*

Monday, August 31, 2015 (Limited Registration)

Course Times: 7:30 a.m. – 5:15 p.m.*

Chairs: Bradley Lamm, DPM, and John Herzenberg, MD

The course will cover deformity patterns and the classification of the Charcot foot. Time will be devoted to safe wire/pin patterns and pin insertion techniques for the foot and tibia. During hands-on bone model labs, participants will construct neutral frames, butt frames, and miter frames. Faculty will explain how the reference ring, master tab, and rotary frame offset are used in foot frames. Performing osteotomies and fusions, managing osteomyelitis, and using negative-pressure wound therapy will also be discussed.

Learning Objectives:

- Distinguish deformity patterns and classify the Charcot foot
- Construct neutral, butt, and miter frames
- Understand how the reference ring, master tab, and rotary frame offset are used in the foot frame
- Perform osteotomies, perform fusions, and apply negative pressure in wound therapy
- Manage osteomyelitis and patients with Charcot foot

Hotel Information: The course venue is the Four Seasons Hotel (200 International Drive) in the heart of Baltimore's Inner Harbor. The chic hotel is located 20 minutes from Baltimore-Washington International Airport (BWI) and 90 minutes from Washington Dulles International Airport (IAD). The discounted per-room fee for course attendees is \$212 per night (plus tax). It is highly recommended that you make your reservations early. The room rate includes complimentary guestroom Internet connectivity. The discounted rate is offered on a space-available basis through Wednesday, August 5, 2015 (5 p.m. Eastern Standard Time). To make a reservation, visit www.fourseasons.com/baltimore, select the dates of your reservation, click on "Corporate/Promo Code," and then enter code "**C10815SI**". You can also call 1.410.576.5800, ask for in-house reservations, and mention "Sinai Limb Deformity Course" to receive the discounted group rate.

Parking: For those driving to the Four Seasons Hotel daily, we have arranged for a discounted daytime valet parking rate of \$8/day. This rate does not apply to self-park during the day or to overnight parking (currently \$40 for valet and \$23 for self-park per night).

American Disabilities Act: If you require special accommodations to attend or to participate, please fax (1.410.601.0585) notification of your needs at least 30 days in advance of your arrival.

Accreditation Statement for CME: LifeBridge Health is accredited by MedChi, the Maryland State Medical Society, to provide continuing medical education for physicians.

Designation Statement: LifeBridge Health designates this live educational activity for a maximum of 48.25 AMA PRA Category 1 Credits™. Physicians should only claim credit commensurate with the extent of their participation in the activity.

Disclosure Policy: It is the policy of Sinai Hospital of Baltimore, a LifeBridge Health Center, to comply with the Accreditation Council for Continuing Medical Education (ACCME) Standards for Commercial Support of Continuing Medical Education. All faculty participating in sponsored or jointly sponsored programs by Sinai Hospital of Baltimore are required to disclose to the program audience any real or apparent conflict(s) of interest related to the content of their presentation(s). In accordance with the ACCME requirements on disclosure information, relationships of presenters with commercial interests (if any) will be included in materials distributed at the time of the Course.

*Course times and AMA PRA Category 1 Credits™ subject to change without notice.

Registration

Early registration is recommended. NOTE: You can enroll in any pre-/post-course without taking the Baltimore Limb Deformity Course.

Course Fees

Baltimore Limb Deformity Course

Friday, August 28 – Sunday, August 30

- | | |
|---|----------|
| ☐ U.S. Physician/Podiatrist | \$ 1,695 |
| ☐ Non-U.S. Physician | \$ 1,425 |
| ☐ Resident/Fellow/Allied Health* | \$ 1,275 |

Course Subtotal = \$ _____

Please select your preferred lab group (we will make every effort to place you in your selected group): ☐ Adult ☐ Pediatric ☐ Foot and Ankle

Welcome Dinner Friday, August 28

- ☐ Additional Welcome Dinner Tickets \$ 100 x ____ = \$ _____

Course attendees receive one dinner ticket with registration

Welcome Dinner Subtotal = \$ _____

Pre-Courses Thursday, August 27

Because the pre-courses are offered simultaneously, registrants may select only one.

Internal Lengthening Nails (Limited Registration)

- | | |
|---|--------|
| ☐ Physician/Podiatrist | \$ 475 |
| ☐ Resident/Fellow/Allied Health* | \$ 375 |

Cadaver Lab (Limited Registration)

- | | |
|---|--------|
| ☐ Physician/Podiatrist | \$ 495 |
| ☐ Resident/Fellow* | \$ 395 |

Post-Course Monday, August 31

Charcot Foot: Advanced Taylor Spatial Frame

Reconstructive Techniques (Limited Registration)

- | | |
|---|--------|
| ☐ Physician/Podiatrist | \$ 475 |
| ☐ Resident/Fellow/Allied Health* | \$ 375 |

Pre-/Post-Course Subtotal = \$ _____

Late Fee

A \$200 late fee will automatically apply to all payments received or postmarked after July 31, 2015

\$ 200 x ____ = \$ _____

Multiple Course Discount

Deduct \$100 if you are a paid registrant of the three-day Deformity Course *plus* one or more Pre- or Post-Courses

- \$ _____

TOTAL DUE \$ _____

*Residents or fellows must provide a letter from their residency or fellowship director to qualify for the reduced fee. If the letter is not received with registration, the physician/podiatry rate will be assessed.

How did you hear about this course?

- | | |
|---|--|
| ☐ AAOS Annual Meeting | ☐ Colleagues |
| ☐ IPOS/AAOS Meeting | ☐ Course Mailings |
| ☐ World Congress/ASAMI Meeting | ☐ Web Site |
| ☐ EPOS Meeting | ☐ Internet Link |
| ☐ ASAMI Meeting | ☐ Course E-mail Notification |
| ☐ LLRS: ASAMI Meeting | ☐ JBJS Ad |
| ☐ POSNA Meeting | ☐ The Bone & Joint Journal Ad |
| ☐ Sales Representative (please specify): _____ | |
| ☐ Other Meeting (please specify): _____ | |
| ☐ Other Source (please specify): _____ | |

Payment Methods

You are **not** considered a confirmed registrant until the registration fees are paid in full. Your name will be placed on a wait list until payment has been obtained. All registrations with unpaid balances after July 31, 2015, will be cancelled automatically and re-registration will be required.

We accept VISA, MasterCard, American Express, checks, and bank drafts payable in U.S. funds:

I wish to pay by: ☐ credit card ☐ check ☐ bank draft

- To pay by credit card, you can use online, mail-in, or faxed registration.
 - For online registration, please visit our web site: www.DeformityCourse.com.
 - For faxed registration, please fax this form to 1.410.601.0585.
- To pay by check, make checks payable in U.S. funds to "Baltimore Limb Deformity Course/Sinai" and mail to:

Madeline Bacon
Baltimore Limb Deformity Course
Rubin Institute for Advanced Orthopedics
Sinai Hospital of Baltimore
2401 West Belvedere Avenue
Baltimore, Maryland 21215 USA

- To pay by bank draft, contact Madeline Bacon to obtain instructions. (E-mail: mbacon@lifebridgehealth.org or tel: 1.410.601.9798)

For mail-in or faxed registration, **PLEASE COMPLETE LEGIBLY:**
(NOTE: E-mail address is required; one form per registrant.)

Credit Card Type: ☐ VISA ☐ MasterCard ☐ American Express

Credit Card Number: _____

Security Code: _____ Expiration Date: _____

Name of Cardholder: _____

Signature of Cardholder: _____

Cardholder's E-mail (required): _____

Full Name of Registrant: _____

Professional Degree (e.g., MD): _____

Address: _____

City: _____ State/Province: _____

Zip/Postal Code: _____ Country: _____

Phone Number: _____

If outside of the U.S., please include country and city codes

Fax: _____

If outside of the U.S., please include country and city codes

Registrant's E-mail (required): _____

Cancellation Policy

A refund (less a \$75 administrative charge) will be extended for written cancellations postmarked on or before June 30, 2015. Refunds made in response to written cancellations with a July 1 through July 31, 2015, postmark will incur a \$200 cancellation fee. No refunds will be made for cancellations that are postmarked August 1, 2015, or later, and no refunds will be made in response to verbal cancellations at any time.

Photo Policy

We will be taking photographs at this event. If you do not want your image used in future promotional material, please contact Madeline Bacon at mbacon@lifebridgehealth.org.

The 2014 Course was made possible through educational grant and in-kind equipment support from:

**Smith & Nephew • Ellipse Technologies • Stryker • Brainlab
DePuy Synthes • Orthofix • Biomet • KCI • OrthoPediatrics
OHK Medical Devices • The MHE Coalition**