

26th Annual
**Baltimore Limb
Deformity Course**

August 26–28, 2016 Four Seasons Hotel Baltimore, Maryland, USA

COURSE CHAIR

John Herzenberg, MD

COURSE DIRECTORS

Shawn Standard, MD

Janet Conway, MD

Bradley Lamm, DPM

Noman Siddiqui, DPM

PRE-COURSES: Thursday, August 25

- Masters of Disaster: Managing Osteomyelitis in the 21st Century
- Tibia and Foot Deformity Correction Procedures: Cadaver Lab
- Complex Pediatric Hip/Pelvis Surgery: Cadaver Lab

POST-COURSE: Monday, August 29

- Six-Axis External Fixation: To the Tibia and Beyond



Rubin Institute for
Advanced Orthopedics
Sinai Hospital of Baltimore

www.DeformityCourse.com

26th Annual Baltimore Limb Deformity Course

- Basic and advanced limb reconstruction concepts:
 - Limb alignment
 - Limb lengthening
 - Corrective osteotomies
 - Internal and external fixation
- Intended for orthopedic surgeons, podiatrists, and allied health professionals who treat lower extremity deformities. No prior experience required.
- The 2015 Course was attended by more than 250 doctors from 33 countries and 30 states in the U.S.
- Highlights of the 2016 course will include:
 - Hands-on sawbone labs
 - Deformity planning sessions
 - Interactive adult, pediatric, and foot participant case presentations
 - Internationally renowned faculty
 - Option to choose a lab group that focuses on adult, pediatric, or foot/ankle applications (group assignments based on early registration)
 - Option to choose break-out sessions on adult, pediatric, and foot/ankle topics
 - Innovative apps:
 - Multiplier App for the prediction of values at maturity: upper and lower limb length discrepancy, bone length, lower extremity length, and height
 - 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 deformities. Note: Please bring your iPad. 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.
- Visit www.DeformityCourse.com for the latest information.



Course at a Glance*

Friday, August 26

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

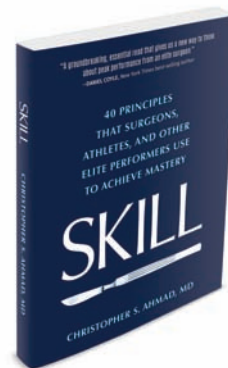
Saturday, August 27

- 6:15 a.m. Breakfast
- 7:00 a.m. Meeting Starts
- 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 28

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

*Course times subject to change.



Guest Speaker: Christopher S. Ahmad, MD

Dr. Ahmad is Head Team Physician for the New York Yankees and Chief of Sports Medicine Service at the Columbia University Medical Center. His talk will include insights from his book entitled "Skill: 40 Principles that Surgeons, Athletes, and Other Elite Performers Use To Achieve Mastery."

New This Year:

- Cadaver lab participants will receive custom-designed Bone Ninja scrubs.
- Participants in the pre-course entitled "Tibia and Foot Deformity Correction Procedures: Cadaver Lab" will receive a USB that contains the surgical technique videos that are shown during the lab.
- New pre-courses and post-course

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 \$216 per night (plus tax). The room rate includes complimentary guestroom Internet connectivity. It is highly recommended that you make your reservations early. The discounted rate is offered on a space-available basis through Tuesday, August 2, 2016 (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 "**CI0816SI**". 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.

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.

Pre- and Post-Course Options

Visit www.DeformityCourse.com for the latest information. **NOTE:** You can enroll in any pre-/post-course without taking the Baltimore Limb Deformity Course.

PRE-COURSE 1

Masters of Disaster: Managing Osteomyelitis in the 21st Century

Thursday, August 25, 2016

Course Times: 7:00 a.m. – 6:30 p.m.

Course Directors: Janet Conway, MD
Samir Mehta, MD

- Emerging and resistant pathogens (bacteria, biofilms, fungus, and tuberculosis)
- Assessment, preoperative considerations, and complex case management
- Systemic/local antibiotics and hyperbaric oxygen therapy
- Cierny-Mader Stage 1: Antibiotic bone cement, bone void fillers, bone graft, and acutely infected fractures
- Cierny-Mader Stage 2: Flap coverage and soft-tissue defects
- Cierny-Mader Stage 3: Femoral and tibial defects and infected nonunions
- Cierny-Mader Stage 4: Which is Best?
 - Bone transport
 - Masquelet
 - Allograft
 - Shortening then lengthening
 - Vascularized fibula
- Case presentations (please bring a case(s) in PowerPoint or Keynote format on USB/flash drive—no personal laptops will be accepted)

PRE-COURSE 2

Tibia and Foot Deformity Correction Procedures: Cadaver Lab

Thursday, August 25, 2016

(Limited Registration)

Location: For the latest schedule, visit www.DeformityCourse.com
Bus departs Four Seasons Hotel at 7:30 a.m.
Lab starts at University of Maryland School of Medicine, State Anatomy Board at 8:15 a.m.

Course Times: 8:15 a.m. – 4:00 p.m.

Course Directors: Bradley Lamm, DPM
Noman Siddiqui, DPM

- New this year: All participants will receive Bone Ninja Scrubs and a USB that contains the cadaver lab videos.
- Percutaneous osteotomies (Gigli saw): proximal tibia, midfoot, and supramalleolar
- Multiple drill hole osteotomy: tibia, fibula, and metatarsal
- Baumann and Vulpus procedures
- Peroneal nerve decompression
- Tarsal tunnel decompression
- Plantar fascial release
- Flaps: reverse sural and gastrocnemius
- Safe zones for external fixation wires and pins

PRE-COURSE 3

Complex Pediatric Hip/Pelvis Surgery: Cadaver Lab

Thursday, August 25, 2016

(Very Limited Registration)

Location: For the latest schedule, visit www.DeformityCourse.com
Bus departs Four Seasons Hotel at 8:30 a.m.
Session starts at Sinai Hospital of Baltimore at 9:30 a.m.

Course Times: 9:30 a.m. – 5:30 p.m.

Course Director: Shawn Standard, MD

- Dr. Standard will lead a small group of participants through a rigorous, hands-on course that will demonstrate advanced surgical reconstruction techniques of the pediatric hip.
- The morning will be dedicated to lectures on surgical techniques.
- The afternoon will be spent performing complex lower limb surgical techniques on cadaveric specimens. For one technique, a sawbone model will be used. Participants will have access to fluoroscopic and surgical equipment throughout the hands-on cadaver and sawbone portions of the lab.
- All participants will receive Bone Ninja Scrubs.
- Techniques will include:
 - Surgical hip dislocation: realignment of unstable slipped capital femoral epiphysis (SCFE) and intra-articular osteotomies for residual deformities secondary to Perthes disease
 - Peri-articular triple osteotomy for acetabular insufficiency
 - Morscher osteotomy of the proximal femur for coxa breva
 - External fixation application for hip arthrodiastasis
 - Superhip osteotomy and reconstruction for proximal femoral focal deficiency/congenital femoral deficiency (sawbone lab)

POST-COURSE

Six-Axis External Fixation: To the Tibia and Beyond

Monday, August 29, 2016

Course Times: 7:30 a.m. – 5:15 p.m.

Course Directors: John Herzenberg, MD
Janet Conway, MD
Shawn Standard, MD
Bradley Lamm, DPM
Noman Siddiqui, DPM

- Intensive hands-on sawbone workshops that focus on challenging clinical problems that are best treated with six-axis external fixation
- Morning session: complex tibial frames
- Afternoon breakout sessions:
 - Femoral, humeral, and forearm frames
 - or
 - Complex foot frames



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 26 – Sunday, August 28

☐ 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 26

Course attendees receive one dinner ticket with registration.

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

Pre-Courses Thursday, August 25

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

Masters of Disaster: Managing Osteomyelitis in the 21st Century

☐ Physician/Podiatrist	\$ 695
☐ Resident/Fellow/Allied Health*	\$ 525

☐ Tibia and Foot Deformity Correction

Procedures: Cadaver Lab (limited registration) \$ 695

Included in registration fee:

- Bone Ninja Scrubs – Select Size: ☐ S ☐ M ☐ L ☐ XL ☐ XXL
- Cadaver Lab Videos on USB

☐ Complex Pediatric Hip/Pelvis Surgery:

Cadaver Lab (very limited registration) \$ 950

Included in registration fee:

- Bone Ninja Scrubs – Select Size: ☐ S ☐ M ☐ L ☐ XL ☐ XXL

Post-Course Monday, August 29

Six-Axis External Fixation: To the Tibia and Beyond

☐ 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 1, 2016 = \$ _____

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?

- | | |
|---|--|
| ☐ Colleagues | ☐ AAOS Annual Meeting |
| ☐ Course Mailings | ☐ ASAMI Meeting |
| ☐ Web Site | ☐ EPOS Meeting |
| ☐ Internet Link | ☐ ILLRS Meeting |
| ☐ Course E-mail Notification | ☐ IPOS Meeting |
| ☐ JOT Ad | ☐ LLRS Meeting |
| ☐ JBJS Ad | ☐ POSNA Meeting |
| ☐ The Bone & Joint Journal Ad | |
| ☐ Sales Representative (please specify): _____ | |
| ☐ Other Meeting/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 1, 2016, 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 May 31, 2016. Refunds made in response to written cancellations with a June 1 through June 30, 2016, postmark will incur a \$200 cancellation fee. No refunds will be made for cancellations that are postmarked July 1, 2016, 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 2015 Course was made possible through educational grant and in-kind equipment support from:

**Smith & Nephew • Ellipse Technologies • Stryker
Brainlab • Orthofix • DePuy Synthes • Zimmer Biomet
OrthoPediatrics • Integra • Acumed • The MHE Coalition**